



City Council Regular Meeting
AGENDA

Civic Center Council Chamber ♦ 300 Seminary Avenue ♦ Ukiah, CA 95482
September 6, 2017 - 6:00 PM

1 ROLL CALL

2 PLEDGE OF ALLEGIANCE

3 PROCLAMATIONS/INTRODUCTIONS/PRESENTATIONS

- 3.a. [Proclamation for Pollution Prevention Week and Creek Week 2017.](#)

Recommended Action: Issue a Proclamation

[Attachment 1 - Pollution Prevention Week and Creek Week 2017 Proclamation](#)

- 3.b. [Status Report, Discussion and Possible Action Regarding the Ukiah Valley Sanitation District's Litigation Against the City of Ukiah Related to the Operation of the Sanitary Sewer System.](#)

Recommended Action: Receive status report. If desired, discuss and provide direction to Staff and/or consider any action(s) related to the matter.

[UVSD Litigation Update Box Files location](#)

4 PETITIONS AND COMMUNICATIONS

5 APPROVAL OF MINUTES

- 5.a. [Minutes of August 16, 2017, a Regular Meeting.](#)

Recommended Action: Approve Minutes of August 16, 2017, a Regular Meeting, as submitted.

[Attachment 1 - 2017-08-16 00 Minutes DRAFT](#)

- 5.b. [Minutes of August 24, 2017, a Special Meeting.](#)

Recommended Action: Approve Minutes of August 24, 2017, a Special Meeting, as submitted.

[Attachment 1 - Minutes of August 24, 2017](#)

- 5.c. [Minutes of August 30, 2017, a Special Meeting.](#)

Recommended Action: Approve Minutes of August 30, 2017, a Special Meeting, as submitted.

[Attachment 1 - August 30, 2017, DRAFT Minutes](#)

6 RIGHT TO APPEAL DECISION

Persons who are dissatisfied with a decision of the City Council may have the right to a review of that decision by a court. The City has adopted Section 1094.6 of the California Code of Civil Procedure, which generally limits to ninety days (90) the time within which the decision of the City Boards and Agencies may be judicially challenged.

7 CONSENT CALENDAR

The following items listed are considered routine and will be enacted by a single motion and roll call vote by the City Council. Items may be removed from the Consent Calendar upon request of a Councilmember or a citizen in which event the item will be considered at the completion of all other items on the agenda. The motion by the City Council on the Consent Calendar will approve and make findings in accordance with Administrative Staff and/or Planning Commission recommendations.

7.a. [Report of Disbursements for the Month of July 2017.](#)

Recommended Action: Approve the Report of Disbursements for the month of July 2017.

[Attachment 1 - July Summary](#)

[Attachment 2 - Account Codes](#)

[Attachment 3 - Object Codes](#)

[Attachment 4 - July 2017](#)

7.b. [Authorization to Submit an Application for Department of Finance Transitional Housing Grant and Authorization for the City Manager to execute all necessary documents along with the addition of corresponding budget amendments if funds are awarded.](#)

Recommended Action: Authorize Staff to coordinate with the Ford Street Project on the application for a Department of Finance Transitional Housing Grant and Authorization for the City Manager to execute all necessary documents along with the addition of corresponding budget amendments if funds are awarded.

[None](#)

7.c. [Notification to City Council for the Purchase of a New 2017 Toyota Tacoma, from Thurston Chevrolet, Toyota, Scion for the Water Resources Department in the Total Amount of \\$27,500 Including Tax and Delivery Charges.](#)

Recommended Action: Receive report.

[Attachment 1 - Toyota Tacoma WTP Vehicle Replacement Justification](#)

7.d. [Authorize Execution of an Amendment to the Agreement with SHN in an Amount Not to Exceed \\$30,465 for Additional Services for the North State Street – Low Gap Road Storm Drain and Traffic Signal Project and Approve Budget Amendments.](#)

Recommended Action: Authorize execution of amendment to the agreement with SHN in an amount not to exceed \$30,465 for additional services for the North State Street - Low Gap Road Storm Drain and Traffic Signal Project and approve budget amendment.

[Attachment 1 - SHN Proposal 4-27-16](#)

[Attachment 2 - SHN Proposal 7-19-16](#)

[Attachment 3 - SHN Proposal 8-30-16](#)

[Attachment 4 - SHN Proposal 11-8-16](#)

[Attachment 5 - SHN Proposal 1-19-17](#)

[Attachment 6 - SHN Proposal 8-30-17](#)

- 7.e. Authorize City Manager to Execute the Subrecipient Agreement with the Mendocino Council of Governments.
Recommended Action: Authorize City Manager to execute agreement.
Attachment #1 - MCOG subrecipient agreement - Ukiah FY 2017-18
- 7.f. Authorize City Manager to Negotiate and Execute Lease Agreement with North Coast Opportunities for the Development and Operation of the Oak Street Park Veterans Community Garden.
Recommended Action: Authorize the City Manager to complete the steps necessary to finalize and execute a lease agreement between the City of Ukiah and North Coast Opportunities for the development and operation of a Veterans Community Garden at Oak Street Park.
Attachment 1 - Oak Street Garden Project
Attachment 2 - City of Ukiah and NCO Lease
- 7.g. Notification of Purchase of Professional Consulting Services for Landscape Design and Grant Writing Assistance for California Urban Rivers Grant for Riverside Park from Ann Baker Landscaping in the Amount of \$11,987.31.
Recommended Action: Receive Notification of Purchase of professional consulting services for landscape design and grant writing assistance for California Urban Rivers Grant for Riverside Park from Ann Baker Landscaping in the amount of \$11,987.31.
Attachment 1 - COU Resolution 2016-43
- 7.h. Notification of Acquisition of Professional Services from SHN Consulting Engineers and Geologists for Materials, Compaction and Geotechnical Testing and Inspection Services for the North State Street Intersection Improvements at Low Gap Road/Brush Street, Specification No 17-02, in the Amount of \$13,060 and Approval of Corresponding Budget Amendment.
Recommended Action: Receive report and approve budget amendment.
Attachment 1 - RFP - 2017 Low Gap Rd, Specification 17-02
Attachment 2 - Addendum No. 1 - N. State St. and Low Gap Rd. with Plan Sheets
Attachment 3 - SHN Proposal

8 AUDIENCE COMMENTS ON NON-AGENDA ITEMS

The City Council welcomes input from the audience. If there is a matter of business on the agenda that you are interested in, you may address the Council when this matter is considered. If you wish to speak on a matter that is not on this agenda, you may do so at this time. In order for everyone to be heard, please limit your comments to three (3) minutes per person and not more than ten (10) minutes per subject. The Brown Act regulations do not allow action to be taken on audience comments in which the subject is not listed on the agenda.

9 COUNCIL REPORTS

10 CITY MANAGER/CITY CLERK REPORTS

11 PUBLIC HEARINGS (6:15 PM)

12 UNFINISHED BUSINESS

- 12.a. [Authorize Execution of Amendment to the Agreement with GHD in an Amount Not To Exceed \\$251,025 for Construction Engineer and Management Services for the Redwood Business Park Transportation Improvements and the Talmage Interchange Projects.](#)

Recommended Action: Authorize execution of amendment to the agreement with GHD in an amount not to exceed \$251,025 for Construction Engineer and Management Services for the Redwood Business Park Transportation Improvements and the Talmage Interchange projects.
[Attachment 1 - GHD Proposal for Professional Engineering Services](#)

- 12.b. [Award Contract for Transportation Improvements for Redwood Business Park, Specification No. 17-09, to Ghilotti Construction Company in the Amount of \\$4,608,888.](#)

Recommended Action: Award contract for Transportation Improvements for Redwood Business Park, Specification No. 17-09, to Ghilotti Construction Company the lowest responsive, responsible bidder based on bids submitted on August 30, 2017.
[Attachment 1 - RBP Bid Results Specification 17-09](#)

13 **NEW BUSINESS**

- 13.a. [Discussion and Possible Action to Determine the City's Position on the 2017 Resolutions being Considered by the League of California Cities and Provide Corresponding Voting Instructions to the City of Ukiah's Voting Delegate.](#)

Recommended Action: Provide direction to the City's Voting Delegate on the City's position on the 2017 Resolutions being considered by the League of California Cities at the 2017 Annual Conference.

[Attachment 1 - League of CA Cities Annual Conference Resolutions Packet](#)

- 13.b. [Authorize Staff by Resolution to Purchase Two 2018 Pierce Enforcer Type 1 Engines, and Authorize Negotiating/Executing an Equipment Lease with Umpqua Bank along with the corresponding budget amendment.](#)

Recommended Action: Authorize staff to purchase two 2018 Pierce Enforcer Type 1 Engines, authorize the City Manager to negotiate and execute an equipment lease with Umpqua Bank, and adopt corresponding resolution and budget amendment.

[Attachment 1 - Pierce Engine Specifications](#)

[Attachment 2 - AA - Ukiah Pumper Proposal 06 April 2017](#)

[Attachment 3 - Ukiah Proposal 08-29-17](#)

[Attachment 4 - Purchase and Lease Purchase Resolution](#)

- 13.c. [Discussion and Consideration of Modifications to the 2017 Council Special Assignment and Ad Hoc List, and Adoption of Resolution Establishing the Fire Executive Committee.](#)

Recommended Action: Disband the Fire District Merger Ad Hoc: adopt the Resolution to establish the Fire Executive Committee and appoint Mayor Brown and Vice Mayor Doble as members: and establish and appoint two members to serve on the Solid Waste Rate Ad Hoc.

[Attachment 1 - 2017 City Council Special Assignments & Ad Hocs List](#)

[Attachment 2 - Resolution with Exhibit A - Agreement](#)

14 **CLOSED SESSION – CLOSED SESSION MAY BE HELD AT ANY TIME DURING THE MEETING.**

- 14.a. Conference with Legal Counsel – Existing Litigation
(Cal. Gov't Code Section 54956.9(d)(1))
Name of case: City of Ukiah v. Questex, LTD, et al, Mendocino County Superior Court, Case No. SCUK- CVPT-15-66036 (Palace Hotel)

Recommended Action: Confer in Closed Session
None

- 14.b. Conference with Legal Counsel – Existing Litigation
(Government Code Section 54956.9(d)(1))
Name of case: Ukiah Valley Sanitation District v. City of Ukiah, Sonoma County Superior Court, Case No. SCV 256737 (UVSD)

Recommended Action: Confer in Closed Session
None

- 14.c. Conference with Real Property Negotiators
(Cal. Gov't Code Section 54956.8)
Property: 429 South Dora St. Ukiah, CA 95482
Negotiator: Sage Sangiacomo, City Manager;
Negotiating Parties: City of Ukiah and Ukiah Unified School District;
Under Negotiation: Price & Terms of Payment

Recommended Action: Confer in Closed Session
None

Please be advised that the City needs to be notified 72 hours in advance of a meeting if any specific accommodations or interpreter services are needed in order for you to attend. The City complies with ADA requirements and will attempt to reasonably accommodate individuals with disabilities upon request. Materials related to an item on this Agenda submitted to the City Council after distribution of the agenda packet are available for public inspection at the front counter at the Ukiah Civic Center, 300 Seminary Avenue, Ukiah, CA 95482, during normal business hours, Monday through Friday, 8:00 am to 5:00 pm.

I hereby certify under penalty of perjury under the laws of the State of California that the foregoing agenda was posted on the bulletin board at the main entrance of the City of Ukiah City Hall, located at 300 Seminary Avenue, Ukiah, California, not less than 72 hours prior to the meeting set forth on this agenda.

September 1, 2017

Kristine Lawler, City Clerks



AGENDA SUMMARY REPORT

SUBJECT: Proclamation for Pollution Prevention Week and Creek Week 2017.

DEPARTMENT: Public Works

PREPARED BY: Rick Seanor

ATTACHMENTS:

[Attachment 1 - Pollution Prevention Week and Creek Week 2017 Proclamation](#)

Summary: City Council to issue a proclamation for Pollution Prevention Week and Creek Week 2017.

Background: The City of Ukiah has continued its efforts to improve storm water quality with the adoption of its Storm Water Management Plan on May 4, 2006. The attached proclamation is the City's annual reminder to all of the importance of protecting our natural waterways (Attachment 1).

Discussion: The City of Ukiah takes this opportunity to remind all of the importance to keep our creeks and rivers healthy. The City's storm water management program is being implemented to reduce pollutants in our waterways. Only rain is allowed in the storm drain.

RECOMMENDED ACTION: Issue a Proclamation

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: N/A

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: N/A

Approved: _____


Sage Sangiacomo, City Manager

City of Ukiah Proclamation

Pollution Prevention Week and Creek Week 2017

WHEREAS, throughout the United States the week starting on the third Monday of September is recognized as National Pollution Prevention Week; and

WHEREAS, throughout much of California, including the Russian River watershed, cities, counties and other stewardship organizations are recognizing the third week of September as Creek Week; and

WHEREAS, our pollution prevention practices are intrinsically linked to the health of our watershed lands and waterways; and

WHEREAS, the City of Ukiah supports programs to reduce pollution, to increase the environmental quality of our watershed lands and waterways, and to provide our communities with the knowledge to be effective stewards of the Russian River watershed lands and waterways; and

WHEREAS, the nearly 1,500 square miles of lands, 238 creeks, and approximately 360,000 residents of the Russian River watershed are connected and mutually support each other; and

WHEREAS, the Russian River along with its tributaries and associated features are important resources to the people of Ukiah, Mendocino County, and Sonoma County; and

WHEREAS, pollution in the form of trash and debris, chemicals from industry and everyday living, and sediment from construction and many land uses and activities all have the potential to degrade the quality of life and the quality of resources within the Russian River watershed; and

WHEREAS, the City of Ukiah through its Stormwater Management Program strives to protect its lands and waterways through ongoing pollution prevention outreach which aims to raise awareness of the harmful effects of pollutants to our natural systems; and

WHEREAS, during Pollution Prevention Week and Creek Week, creek, river, and ocean clean-up campaigns will take place throughout Mendocino and Sonoma Counties; and

WHEREAS, in the City of Ukiah, our community is supporting Creek Week by sponsoring the Gibson Creek Clean-up on September 16, 2017, registration is at Oak Manor Park beginning at 9:00 am.

NOW, THEREFORE, BE IT RESOLVED, that I, Jim O. Brown, Mayor, with my fellow Ukiah City Council members Kevin Doble, Douglas F. Crane, Stephen G. Scalmanini, and Maureen Mulheren, and do hereby proclaim that September 18-24, 2017 is Pollution Prevention Week and September 16-24, 2017 is Creek Week in the City of Ukiah, and ask all members of our community to support efforts to protect and enrich our watershed health by taking active steps to reduce pollution and care for our environment throughout the year.

Signed and sealed, this 6th day of September, in the year Two Thousand Seventeen.

Jim O. Brown, Mayor

UKIAH VALLEY RUSSIAN RIVER CLEANUP

Help Keep Our Creeks and River Clean!



Saturday, September 16, 2017
9 a.m. to 1 p.m.

Two Locations: Oak Manor Park, Ukiah or
McCarty's Bar & Grill, 6951 East Rd. Redwood Valley

To volunteer, contact Deborah at deborah.edelman@mcrco.org, 462-3664. Participants should bring water, sturdy shoes, work gloves and be prepared to get wet! **No flip flops.** Come early for snacks!



Mendocino County
Resource Conservation District



**RUSSIAN
RIVERKEEPER**



AGENDA SUMMARY REPORT

SUBJECT: Status Report, Discussion and Possible Action Regarding the Ukiah Valley Sanitation District's Litigation Against the City of Ukiah Related to the Operation of the Sanitary Sewer System.

DEPARTMENT: Administration

PREPARED BY: Sage Sangiacomo

ATTACHMENTS:

[UVSD Litigation Update Box Files location](#)

Summary: Staff will provide the latest status report on the Ukiah Valley Sanitation District's Litigation against the City of Ukiah related to the operation of the sanitary sewer system.

The City of Ukiah continues to request that the District consider a change in process outside of litigation to resolve the dispute and restore a working relationship, recognizing there is simply too much at stake for the ratepayers, system operations, and the community.

Background: Chronological History of Recent Correspondence and Activity:

In September 2013, the Ukiah Valley Sanitation District (UVSD) filed a claim for damages with the City, and one month later filed its lawsuit. In its lawsuit, the District seeks damages for alleged breaches of the various agreements between the City and the District related to the operation of the sanitary sewer system, starting with the original 1955 agreement.

RECOMMENDED ACTION: Receive status report. If desired, discuss and provide direction to Staff and/or consider any action(s) related to the matter.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: N/A

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: N/A

Approved:


Sage Sangiacomo, City Manager

The lawsuit will have significant adverse financial impacts to both agencies, as well as the ratepayers and the community, and the City is seeking an alternative to litigation to resolve this dispute. Attached is the letter that was sent on September 14, 2016, by the City Council to the District Board, formally requesting that the District drop the lawsuit with terms that would allow the District to refile if agreement cannot be reached (UVSD Litigation Update Box File #1), as well as an informational piece that details the background/impacts (UVSD Litigation Update Box File #2).

On September 21, 2016, the City Council received a presentation (UVSD Litigation Update Box File #3) from staff that explained the relationship between the two agencies and provided responses to some of the most frequently asked questions about this matter to better inform the public about the consequences of the litigation. This information along with a video link to the September 21st presentation/discussion are accessible at <http://www.cityofukiah.com/projects/uvsd-vs-cou/>.

The UVSD submitted a letter dated September 20, 2016, (UVSD Litigation Update Box File #4) which inaccurately asserts that the City's request is for the District to drop the lawsuit until after the recycled water project funding is received. In fact, the City's request is for the District to dismiss its lawsuit and that the City and District devote their time, money and resources to solving the costly issues confronting the sewer system and improving their working relationship. The City's goal is to eliminate the lawsuit altogether. The City has offered to include terms that would allow the District to refile the lawsuit if the parties fail to reach agreement, but the City never suggested that the District would simply refile the lawsuit once State funding was obtained. Also, the City never suggested that dismissing the lawsuit is all that would be necessary to obtain State funding. In addition to dismissal of the lawsuit, there would have to be an agreement between the City and the District regarding the recycled water project that would satisfy the State Water Resources Control Board.

At the conclusion of the September 21st discussion, the Council directed the City Manager to contact the UVSD District Manager to explore possible alternatives. The City Manager attempted to contact the District Manager by email, but due to a reported medical leave, Mr. McMichael was not available to provide a timely/detailed response. On October 5th, the City Attorney received an email correspondence from Duncan James (Attorney representing the District) responding to the City Manager's email to Mr. McMichael. Mr. James indicated in the email that the District had accepted the City's request to meet and formed a committee consisting of Frank McMichael, District Manager; Jim Ronco, Board Chair; Bob Page, Board Member; and legal counsel. The City Manager issued a supplemental memo to the City Council for the October 5th City Council meeting regarding this email exchange and included a recommendation to Council for the formation of a City Council ad hoc committee to meet with the District (UVSD Litigation Update Box File #5). At the City Council meeting, Mr. Doug Losak with the Law Offices of Duncan James delivered and read aloud a letter containing some additional allegations, but in the end, agreed to meet with the City. The City Council formed an ad hoc committee consisting of Councilmembers Crane and Doble. The City immediately made efforts to schedule the first meeting between the District's committee and the City's ad hoc.

At the October 19, 2016, meeting, the City Council discussed the latest correspondence from the District including the District's request to hold the ad hoc meetings in private and require the City to consent to a confidentiality agreement. The City Manager provided the Council with the correspondence to date from the District regarding the confidentiality condition (UVSD Litigation Update Box File #6) for consideration. At the time of the meeting, the District had not provided a draft of the proposed confidentiality agreement. By consensus, the City Council continued to object to private meetings that do not provide the public with the opportunity to be informed. However, the City Council did direct the ad hoc to meet with the District's ad hoc to discuss the process for such meetings and report back to the City Council at its regular meeting on November 2, 2016.

Prior to the ad hoc meeting, the City Attorney received a letter from Duncan James' Office regarding the District's request for a confidentiality agreement for the ad hoc meetings along with a draft of the agreement (UVSD Litigation Update Box File #7). The City Attorney issued a response (UVSD Litigation Update Box File #8) indicating that such agreement would need to be discussed at the first joint ad hoc meeting and ultimately

considered by the City Council.

In addition, the City Council received correspondence from the District Manager related to the recycled water project dated October 21st (UVSD Litigation Update Box File #9). Most of the questions referenced in the letter had already been either answered or provided to the District. Nonetheless, City staff welcomed the dialogue and discussion in a sincere effort to move this critical project forward. Staff provided a response to the District Manager on October 27, 2016 (UVSD Litigation Update Box File #10).

On October 28, 2016, the City's ad hoc met with the District's ad hoc. At the meeting, the District presented the City with a take-it-or-leave-it condition imposing confidentiality on the ad hoc discussions.

On November 2nd and 4th, the City Council considered the District's confidentiality condition on the ad hoc discussions and approved a letter (UVSD Litigation Update Box File #11) that confirmed agreement to the condition if the District Board would agree to either stay further proceedings in the lawsuit or dismiss the lawsuit without prejudice. The City's proposal, if accepted, would halt the costly litigation fees currently being incurred by both agencies, but would not preclude the District from terminating the stay or refiling the lawsuit if the District wasn't satisfied with the discussions/negotiations. The District issued a response to the City's proposal on November 8, 2016 (UVSD Litigation Update Box File #12) that continues to impose a confidentiality condition on the joint ad hoc meetings. The District further stated "the lawsuit needs to otherwise remain in motion" except to provide a limitation on any discovery requests for a period of 4 weeks.

It's important to note that the District's legal team has predominately utilized the Public Information Act (PRA) rather than formal discovery to obtain information. Because the City of Ukiah is a public agency, the District's attorneys have used the PRA process to obtain information, which does not require the District to justify its requests by showing how they are relevant to the issues in the case. In a typical lawsuit, the discovery process is used to obtain documents and is overseen and controlled by the court to prevent burdensome or oppressive requests. The City continues to expense a tremendous amount of staff resources responding to the District's PRA requests for information dating back to 1955. To date, the District has submitted over 41 requests (with multiple parts) under the PRA process. The City has diligently been responding to the requests for the past 12 months. Suspension of the formal discovery process will not prevent the continued practice by the District nor will it limit the escalating litigation expenses during this proposed period.

With regard to the recycled water project, the City received additional correspondence from the District Manager indicating the need for more information (UVSD Litigation Update Box File #13). However, the correspondence did not identify any specific questions or information that had not otherwise been provided. The City Manager issued a response on November 15th (UVSD Litigation Update Box File #14) and included a BOX link to all relevant information on the recycled water project (<https://cityofukiah.box.com/v/uvsdpointsofinterest>). Most, if not all, of the information and/or documents have already been provided to the District. Furthermore, the City Manager requested a determination from the District regarding its position on the project and offered to provide any other information and/or presentations that would be necessary for a determination.

On November 16th, the City Council instructed the City Attorney to contact the lawyers for the Ukiah Valley Sanitation District to work out the details for mediating the outstanding disputes including selecting a mediator. Furthermore, and as a first step in the mediation, the City Council requested the District to provide a detailed written response and any counter proposals to the City's written proposal that was submitted to the District in March 2014, during the original mediation between the City and the District. On November 17th, the City Attorney sent correspondence to the UVSD's lawyer to initiate mediation as directed (UVSD Litigation Update Box File #15). As of the publication of the report for the December 7th City Council meeting, the District had not responded.

Additional correspondence between the City and District had also been exchanged related to the recycled water project (UVSD Litigation Update Box File #16 & #17). Despite continued attempts to engage and provide the

District with information, the District had yet to conclude that the recycled water project is the superior alternative of disposing treated wastewater. In an effort to bring this item to a conclusion, the City Manager proposed in a December 1st correspondence to the District Manager a joint meeting between the City Council and the District Board to discuss and resolve any remaining questions/issues related to the project. As of the publication of the report for the December 7th City Council meeting, the District had not responded.

Related to the Fiscal Year 16/17 Budget, the District has not yet identified the District's timeline for their previously identified budget review process that reportedly extends through various staff, committee and District Board stages before a final joint meeting with the City can be scheduled. The previously approved continuing resolution for the budget was scheduled to expire on December 31, 2016. The City had made inquiries as to the District's progress and anticipated review timeline (UVSD Litigation Update Box File #18). Staff recognized some level of District review was underway given recent engagement (since November 11th) on the budget, but the District Manager had not provided a timeline for completion of their review and/or indicated readiness for a joint budget meeting. As of the publication of the report for the December 7th City Council meeting, the District had not responded.

At the December 7th City Council meeting, the Council adopted a resolution to secure funding for the construction of the recycled water system using water revenues as an alternate to the City's wastewater revenues. While this was a less desirable option for securing project funding, it was considered a better alternative to losing the project funds altogether. The Ukiah Valley Sanitation District's lawsuit remains the only impediment to securing project funding with the wastewater revenues, given the City must be able to demonstrate to the State an unconstrained revenue source to guarantee repayment of the loan funds. City staff reported that they were vetting the details of the water revenue alternative with the State Water Resources Control Board. The UVSD continued to be unresponsive to the City Manager's proposal for a joint meeting between the City Council and the District Board to discuss and resolve any remaining questions/issues related to the recycled water project.

Related to the Fiscal Year 16/17 Budget, the City Council and the District Board approved a continuing budget resolution at their respective meetings on December 7th and December 27th. The City's continuing resolution was set to expire on January 18, 2017, unless otherwise extended. The City requested a joint meeting with the District Board prior to the expiration of the resolution. While the District had taken action to extend the continuing resolution beyond December 31, 2016, it had yet to identify a timeline for the completion of its budget review or response to the City's request for a joint meeting.

At the January 4, 2017, City Council meeting, the City Manager and staff reported that terms for mediation continue to be discussed and the District had not responded to the City's requests for a joint meeting on the Fiscal Year 16/17 budget or the recycled water project. It was further reported that the City received a notice from the District Chair related to communication in the absence of the District Manager due to an extended medical leave (UVSD Litigation Update Box File #19).

At the January 18, 2017, City Council meeting, the City Manager and staff reported that terms for mediation continue to be discussed and the District had not responded to the City's continued requests for a joint meeting on the Fiscal Year 16/17 budget or the recycled water project.

Development of the City's wastewater operating budget is a joint process between the City and the Ukiah Valley Sanitation District (UVSD). The process had been delayed significantly despite efforts by the City to move it forward expeditiously. In the interim, the City had been operating its wastewater enterprise on a continuing resolution, carrying forward the adopted appropriations from Fiscal Year 2015-16. At its meeting of December 7, 2016, the City Council determined that continuing to do so impeded its ability to effectively, efficiently, and responsibly provide wastewater services to the citizens of Ukiah and the UVSD and voted to move the budget process forward with its consideration and potential adoption at its regularly scheduled meeting on January 18, 2017. The City notified UVSD of its intentions and again called on it to schedule a meeting with the City Council

to complete the budget review process. As of the January 18th City Council meeting, the UVSD continued to be unresponsive to the requests to meet. As such, the City Council unilaterally considered and approved the FY 16-17 Wastewater Budget (UVSD Litigation Update Box File #20).

At the February 1, 2017, City Council meeting, the City Manager and staff reported that terms for mediation continue to be discussed with a location and mediator agreed to, but a date not finalized. Furthermore, the District had not responded to the City's continued requests for a joint meeting on the Fiscal Year 16/17 budget or the recycled water project.

At the February 15, 2017, City Council meeting, the City Attorney reported that a date (May 11th) had been finalized for the first session of mediation. In addition, the City had accepted the District's conditions that the mediation be subject to a confidentiality agreement in addition to the Evidence Code mediation privilege and to conduct the mediation in Santa Rosa using a mediator from the Judicial Arbitration and Mediation Service (JAMS). The City Manager also reported the District had not responded to the City's continued requests for a joint meeting on the Fiscal Year 16/17 budget or the recycled water project.

At the March 1, 2017, City Council Meeting, the City Manager reported that the District remains nonresponsive to the requests for a joint meeting on the Fiscal Year 16/17 budget and recycled water project.

At the March 15, 2017, City Council Meeting, the City Manager reported the District continues to remain nonresponsive to the City's requests for a joint meeting on the Fiscal Year 16/17 budget and recycled water project. The City Manager also reported that District Manager McMichael had responded to the City's request for a staff meeting to prepare the bid package to rebid the installation of the barscreen at the Wastewater Treatment Plant as previously directed by the City Council and District Board. The barscreen meeting took place on the morning of March 15th.

At the April 5, 2017, City Council Meeting, the City Manager reported that the District continues to remain nonresponsive to the City's requests for a joint meeting on the Fiscal Year 16/17 budget and recycled water project. At the District's March 16, 2017 Board meeting, the City Manager reiterated the City's request for the joint meeting during public comment on non-agenda items. In addition, the City continues to be available and responsive to budget and billing inquiries from Mr. Dickerson and public information requests from the District's legal counsel, although none have been received in the past two weeks.

At the April 19, 2017, City Council Meeting, the City Manager reported that the District continues to remain nonresponsive to the City's requests for a joint meeting on the Fiscal Year 16/17 budget and recycled water project. In addition, the City has provided the District with a timeline for the City's proposed FY 17-18 Budget process and has sought input on how/when the District would prefer to coordinate the development and joint review of next year's FY 17-18 wastewater budget (UVSD Litigation Update Box File #21).

At the May 3, 2017, City Council Meeting, the City Manager reported that the UVSD continues to be nonresponsive to the City's ongoing requests for a joint meeting on the FY 16-17 Budget and recycled water project. In addition, the District has been nonresponsive to the City's request to engage in the development and joint review of the FY 17-18 wastewater budget. Furthermore, it was reported that the District was unwilling to provide details related to the maintenance of customer billing accounts as demonstrated by the District's refusal to share refund calculations and methodology related to a sizable refund reportedly authorized by the District at their January 19, 2017, board meeting. Given the District's uncooperative approach regarding account information through customary administrative communication, the City was forced to seek the information through a Public Records Act (PRA) request. Since the May 3rd meeting, the District has provided a response to the PRA request which is currently being reviewed by City staff.

At the May 17, 2017, City Council Meeting, the City Manager reported that mediation regarding the litigation resumed on May 11, 2017, and continues with the efforts remaining confidential due to the rules established for the meetings. In addition, the District remains nonresponsive to the City's ongoing request for a joint meeting

on the FY 16-17 budget and recycled water project. The District also continues to be nonresponsive to the City's numerous requests for engagement in the development and joint review of the FY 17-18 wastewater budget. Correspondence has been sent to the District detailing the budget development schedule and budget related items on the City Council's agenda, inclusive of the following dates:

- March 13-17: Budget Training in Munis
- March 20-31: First-round budget meetings
- March 31: Deadline for personnel requests for budget
- Friday April 7: Budget entry due. Budget will be locked to departments to allow for further processing and analysis by Finance
- April 17-28: Second-round budget meetings
- Wednesday, May 17: Budget 101 with Council
- May 19: Comment period on budget document closes
- June 7: First budget hearing and workshop with Council
- June 14: Final budget hearing with Council and adoption (tentative)

At the June 7, 2017, City Council Meeting, the City Manager reported the District continues to be nonresponsive to the City's request for a joint meeting regarding the current year budget, the recycled water project and the development of next fiscal year's budget. The City Attorney also reported that the mediation process is ongoing.

At the June 21, 2017, City Council Meeting, the City Manager again reported that the District continues to be unresponsive to the City's request for a joint meeting regarding the current year budget, the recycled water project and the development of next fiscal year's budget. In addition, Director White has sent correspondence to the District regarding the need for joint approval of the barscreen installation bid, given the \$100,000 Participation Agreement threshold for capital items. The City Council considered and approved the item at the June 21st meeting, but the District will need to approve the project if it is to proceed.

At the July 5, 2017, City Council meeting, the City Manager again reported that the District continues to be unresponsive to the City's request for a joint meeting regarding the current year budget, the recycled water project and the development of next fiscal year's budget. Given the continued lack of response from the District, the City Council, at its meeting of June 21, 2017, approved the Fiscal Year 17-18 budget inclusive of the budget for wastewater. The City continues to seek cooperation from the District, but delaying approval of the budget impedes the City's ability to effectively, efficiently, and responsibly provide wastewater services to the citizens of Ukiah and the UVSD.

In addition, the District had not yet considered the barscreen installation bid which requires joint approval. Director White has sent correspondence to the District regarding the need for joint approval of the barscreen installation bid, given the \$100,000 Participation Agreement threshold for capital items. The City Council considered and approved the item at the June 21st meeting, but the District will need to approve the project if it is to proceed.

The City Manager also reported the second mediation date is scheduled for July 14, 2017.

Furthermore, UVSD Director Marshall has contacted the City requesting a tour be scheduled for the District's new interim manager. The City is responding to coordinate the request.

At the July 19, 2017, City Council meeting, the City Manager again reported that the District continues to be unresponsive to the City's request for a joint meeting regarding the Fiscal Year 16-17 budget, 17-18 budget, and the recycled water project. In addition, a tour of the Wastewater Treatment Plant was given to the new District Manager and UVSD Board Member Marshall. Mediation meetings continue, but no public reports are available. The candidate filing period for 3 of the 5 District Board seats for the November 7th Election is open from July 17 - August 11.

At the August 2nd, 2017, City Council meeting, the City Manager again reported that the District continues to be unresponsive to the City's request for a joint meeting regarding the Fiscal Year 16-17 budget, 17-18 budget, and the recycled water project. City representatives attended the UVSD Board Meeting on July 20, 2017, and again requested cooperation from the District.

Regarding the barscreen rebid, the City Manager reported: On June 21st, the City Council approved the award of contract to Fort Bragg Electric for the installation of a barscreen at the Wastewater Treatment Plant. The award was contingent upon the District taking corresponding action of which they were informed. Due to an extended delay and no response from the UVSD, the City requested an extension of the expiring bid from the contractor to afford the District additional time to take action. The District approved the contract at its July 20, 2017, Board Meeting and the project will proceed.

Regarding the litigation Impact, the City Manager reported: Staff completed an updated estimate of legal related expenses associated with the Ukiah Valley Sanitation District. Estimates demonstrated that the Ukiah Valley Sanitation District is closing in on \$4 million dollars of legal related expenses with over \$3.3 million directly paid to the Law Offices of Duncan James (UVSD Litigation Update Box File #22). In defense of the District's legal actions, the City has expended approximately \$814,000. On a cost per account base evaluation, this equates to \$1,225.55 per District customer account and \$207.39 per City customer account.

At the August 16, 2017, City Council meeting, the City Manager again reported that the District continues to be unresponsive to the City's request for a joint meeting regarding the Fiscal Year 16-17 budget, 17-18 budget, and the recycled water project. However, discussions related to mediation continue. Furthermore, City representatives continue to attend the UVSD Board Meetings in an effort to seek an improved working relationship.

Discussion: At the September 6th City Council meeting, Staff will provide the latest status report on issues related to the operation of the sanitary sewer system.

Mediation: Representatives of the City of Ukiah and the Ukiah Valley Sanitation District continue to have meetings associated with the mediation process. Because of the confidential nature of mediations, the parties cannot reveal any further information about the mediation.

Budgets and Recycled Water Project: The City of Ukiah continues to seek cooperation from the UVSD to jointly approve budgets and review the recycled water project. The District remains unresponsive to the City's request to meet on these matters.

Administrative Meeting: The City Manager and Joe Tait, the new District Manager had a meeting on August 24, 2017. While the meeting was an initial meet and greet, both Mr. Tait and the City Manager expressed a desire to improve the working relationship between the two agencies. Earlier in the week, Mr. Tait also met with engineering staff to review operational processes and procedures.

UVSD Funds Request: The City responded to the District's request for a draw on available, unencumbered District funds held by the City in the amount of \$4,544,482. Pursuant to the Participation Agreement, as amended and the Financing Agreement between the City of Ukiah and the Ukiah Valley Sanitation District, the City issued a check on August 30, 2017, per the District's final instructions received on that same day.

The Council may elect to discuss the matter further and, if desired, provide direction to Staff and/or consider any related action(s). As part of this agenda item, the Council does not intend to consult with legal counsel regarding the litigation itself and does not intend to waive evidentiary privileges for attorney-client communication or attorney work product.

UVSD Litigation Update Box Files located at:

<https://cityofukiah.box.com/v/UVSDlitigationUpdates>



AGENDA SUMMARY REPORT

SUBJECT: Minutes of August 16, 2017, a Regular Meeting.

DEPARTMENT: City Clerk

PREPARED BY: Kristine Lawler

ATTACHMENTS:

[2017-09-06 05a 2017-08-16 00 Minutes DRAFT.pdf](#)

Summary: Approve Minutes of August 16, 2017, a Regular Meeting, as submitted (Attachment 1).

Background: N/A

Discussion: N/A

RECOMMENDED ACTION: Approve Minutes of August 16, 2017, a Regular Meeting, as submitted.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: N/A

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: N/A

Approved: _____


Sage Sangiacomo, City Manager

CITY OF UKIAH
CITY COUNCIL MINUTES
Regular Meeting
CIVIC CENTER COUNCIL CHAMBERS
300 Seminary Avenue
Ukiah, CA 95482
August 16, 2017
6:00 p.m.

1. **ROLL CALL**

2. **PLEDGE OF ALLEGIANCE**

Ukiah City Council met at a Regular Meeting on August 16, 2017, having been legally noticed on August 11, 2017. Mayor Brown called the meeting to order at 6:00 p.m. Roll was taken with the following **Councilmembers Present:** Stephen G. Scalmanini, Douglas F. Crane, Maureen Mulheren, Kevin Doble, and Jim O. Brown. **Staff Present:** Sage Sangiacomo, City Manager; David Rapport, City Attorney; and Kristine Lawler, City Clerk.

MAYOR BROWN PRESIDING.

The Pledge of Allegiance was led by Kevin Thompson, Planning Manager.

3. **PROCLAMATIONS/INTRODUCTIONS/PRESENTATIONS**

a. **Status Report, Discussion and Possible Action Regarding the Ukiah Valley Sanitation District's Litigation Against the City of Ukiah Related to the Operation of the Sanitary Sewer System.**

Presenter: Sage Sangiacomo, City Manager.

4. **PETITIONS AND COMMUNICATIONS**

5. **APPROVAL OF MINUTES**

a. **Regular Minutes of August 2, 2017, a Regular Meeting**

Motion/Second: Crane/Mulheren to approve Minutes of August 2, 2017, as submitted. Motion **carried** by the following roll call votes: AYES: Scalmanini, Crane, Mulheren, Doble, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

6. **RIGHT TO APPEAL DECISION**

7. **CONSENT CALENDAR**

- a. Approval of Notice of Completion for Airport Avgas Tank Pad and Fueling System Installation Project, Specification No. 17-04 – *Airport*.
- b. Authorize City Manager to Assign Current Lease with Feather Lite, Inc. to Aero Composites LLC – *Airport*.
- c. Notification of Award of Contract (*PO No. 44516*) to Family Tree Service, Inc. in the Amount of \$19,440 for Tree Trimming on School Street and at the Civic Center – *Finance*.
- d. Notification of Software License Renewal for Box, Inc. (*PO No. 44793*) in the Amount of \$23,400 – *Finance*.

- e. Notification of the Purchase (*PO No. 44873*) of a Graco Grindlazer and Graco Thermoplastic Line Striper System for the Streets Division in the Amount of \$25,771.70 from JN Equipment – *Public Works*.
- f. Notification of Two Repair Purchases (*PO No. 44827 and PO No. 44936*) from Vaughn's Industrial Repair for a Total Amount of \$39,318.20 for the Open, Inspection, and Rebuild of Two 10" Vertical Turbine Solids Handling Pumps for the Wastewater Treatment Plant Influent Pump Station and Approve Staff to Authorize Additional Repairs, if Needed – *Public Works*.
- g. Notification of Purchase (*PO No. 44914*) of a Replacement Pump from Muniquip in the Amount of \$29,715.76 for the Grit Removal System at the Wastewater Treatment Plant – *Water Resources*.
- h. Notification of the Acquisition of Professional Services (*COU No. 1617-214*) from Larry Walker and Associates for Technical Assistance to Prepare the Permit for Operation of the Recycled Water System in the Amount of \$19,975 – *Water Resources*.
- i. Report to City Council Regarding the Contract (*COU No. 1617-200*) for Professional Services with the North Bay Professional Officials Association (NBPO) for Adult Basketball Referees – *Community Services*.
- 7.j. Notification of Purchase (*PO No. 44822*) for a Replacement Heating, Ventilation, and Air Conditioning System (HVAC) for the Ukiah Police Department from Intercounty Mechanical & Electrical in the Amount of \$20,500 – *Community Services*.
- k. Adoption of Resolution (*2017-40*) Authorizing Contract Amendment (COU No. 1314-097-A1) with MuniServices to Provide Sales Tax Examination and Analysis for Measure Y – *Finance*.

Motion/Second: Crane/Mulheren to approve to approve Consent Calendar Items 7a-k, as submitted. Motion **carried** by the following roll call votes: AYES: Scalmanini, Crane, Mulheren, Doble, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

8. AUDIENCE COMMENTS ON NON-AGENDA ITEMS

Public Comment: Tom Fletcher – sign at 1080 N State St.; Tim Schmadeke – Costco appeal; Don Crawford – Costco appeal; Ed Hanes – homeless shelter; and Phil Baldwin – recreational vehicle camping, sign ordinance, Costco; James Green – Costco.

9. COUNCIL REPORTS

No report was given.

10. CITY MANAGER/CITY CLERK REPORTS

No report was given.

11. PUBLIC HEARINGS (6:15 P.M.)

12. UNFINISHED BUSINESS

- a. **Creation of and Appointment of Two Council Members to a Cost Allocation Plan Ad Hoc Committee.**

Presenter: Daniel Buffalo, Finance Director

Motion/Second: Mulheren/Crane to appoint Councilmember Crane and Vice Mayor Doble to serve on an ad hoc committee to participate in the guidance of the proposed internal evaluation of the City's cost allocation plan. Motion **carried** by the following roll call votes: AYES: Scalmanini, Crane, Mulheren, Doble, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

b. Amending Various Sections of the Ukiah City Code to Comply with California Government Code Section 65852.2 Regulating Accessory Dwelling Units.

Presenters: Kevin Thompson, Planning Manager and Darcy Vaughn, Assistant City Attorney.

Motion/Second: Doble/Mulheren to adopt an ordinance of the City of Ukiah adding and amending various sections of the Ukiah City Code to comply with California Government Code section 65852.2 regulating Accessory Dwelling Units. Motion **carried** by the following roll call votes: AYES: Crane, Mulheren, Doble, and Brown. NOES: Scalmanini. ABSENT: None. ABSTAIN: None.

ORDINANCE NO. 1181

ORDINANCE OF THE CITY COUNCIL OF THE CITY OF UKIAH ADDING AND AMENDING VARIOUS SECTIONS OF THE UKIAH CITY CODE TO COMPLY WITH CALIFORNIA GOVERNMENT CODE SECTION 65852.2 REGULATING ACCESSORY DWELLING UNITS

13. NEW BUSINESS

THE CITY COUNCIL ADJOURNED TO CLOSED SESSION AT 6:27 P.M.

14. CLOSED SESSION

15. ADJOURNMENT

There being no further business, the meeting adjourned at 7:25 p.m.

Kristine Lawler, City Clerk



AGENDA SUMMARY REPORT

SUBJECT: Minutes of August 24, 2017, a Special Meeting.

DEPARTMENT: City Clerk

PREPARED BY: Kristine Lawler

ATTACHMENTS:

[Attachment 1 - Minutes of August 24, 2017](#)

Summary: Approve Minutes of August 24, 2017, a Special Meeting, as submitted (Attachment 1).

Background: N/A

Discussion: N/A

RECOMMENDED ACTION: Approve Minutes of August 24, 2017, a Special Meeting, as submitted.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: N/A

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: N/A

Approved: _____


Sage Sangiacomo, City Manager

**CITY OF UKIAH
CITY COUNCIL MINUTES
Special Meeting
CIVIC CENTER COUNCIL CHAMBER
300 Seminary Avenue
Ukiah, CA 95482
August 24, 2017
6:30 p.m.**

JOINT MEETING WITH THE UKIAH VALLEY FIRE DISTRICT

1. ROLL CALL

Ukiah City Council met for a Special Meeting on August 24, 2017, which was legally noticed on August 23, 2017. Mayor Brown called the meeting to order at 6:30 p.m. Roll was taken with the following **Councilmembers Present:** Stephen G. Scalmanini, Douglas F. Crane, Maureen Mulheren, Kevin Doble, and Mayor Jim O. Brown. **Staff Present:** Sage Sangiacomo, City Manager; David Rapport, City Attorney; and Kristine Lawler, City Clerk.

Also Present:

- **Ukiah Valley Fire District (UVFD)** - Allen Cherry, Jenifer Bazzani, David B. Haas, Patrick Garrett, and President D. C. Carpenter.
- Kirk Thomsen, Interim Fire Chief; James Lance, District Counsel; and Stephanie Abba, UVFD Clerk of the Board.

2. PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by James Lance, District Counsel.

3. AUDIENCE COMMENTS ON NON-AGENDA ITEMS

No public comment was received.

4. NEW BUSINESS

- a. **Authorize by Corresponding Resolution the City of Ukiah Mayor and the Ukiah Valley Fire District President to Execute a Joint Powers Agreement for Shared Management of Fire Services.**

Presenters: Kirk Thomsen, Interim Fire Chief and Sage Sangiacomo, City Manager.

Consensus from both the Ukiah City Council and the Ukiah Valley Fire District to make the following amendments to the agreement:

- Page 3 of 7, Section 6, Item B-3: change "its" to "the."
- Page 3 of 7, Section 8: strike out "including any such additional agencies."
- Page 4 of 7, Section 10, last sentence: change "or as" to "unless."

- Page 6 of 7, Section 24: strike out entire section due to repetitiveness, and renumber following sections.

City Council Motion/Second: Doble/Crane to authorize by resolution (2017-41) the City of Ukiah Mayor to execute a Joint Powers Agreement (COU No. 1718-098) for shared management of fire services as amended. Motion **carried** by the following roll call votes: AYES: Scalmanini, Crane, Mulheren, Doble, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

UVFD Motion Taken: Motion by Director Cherry, Seconded by Director Bazzani to authorize by resolution the Ukiah Valley Fire District President to execute a Joint Powers Agreement for shared management of fire services as amended. Motion **carried** by the following roll call votes: AYES: Cherry, Bazzani, Haas, Garrett, and Carpenter. NOES: None. ABSENT: None. ABSTAIN: None.

- b. **Authorize the City Manager and the District President to Open Limited Negotiations and to Negotiate and Execute an Employee Transfer Agreement, Presented in Draft Form.**

Presenters: Kirk Thomsen, Interim Fire Chief and Sage Sangiacomo, City Manager.

City Council Motion/Second: Crane/Doble to authorize the City Manager to open limited negotiations and to negotiate and execute an employee transfer agreement (COU No. 1718-098), presented in draft form. Motion **carried** by the following roll call votes: AYES: Scalmanini, Crane, Mulheren, Doble, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

UVFD Motion Taken: Motion by Director Cherry, Seconded by Director Garrett to authorize the District President to open limited negotiations and to negotiate and execute an employee transfer agreement, presented in draft form. Motion **carried** by the following roll call votes: AYES: Cherry, Bazzani, Haas, Garrett, and Carpenter. NOES: None. ABSENT: None. ABSTAIN: None.

5. **ADJOURNMENT**

There being no further business, the meeting adjourned at 7:15 p.m.

Kristine Lawler, City Clerk



AGENDA SUMMARY REPORT

SUBJECT: Minutes of August 30, 2017, a Special Meeting.

DEPARTMENT: City Clerk

PREPARED BY: Kristine Lawler

ATTACHMENTS:

[Attachment 1 - August 30, 2017, Minutes](#)

Summary: Council will consider approving the Minutes of August 30, 2017, a Special Meeting - Housing Workshop, as submitted (Attachment 1).

Background: N/A

Discussion: N/A

RECOMMENDED ACTION: Approve Minutes of August 30, 2017, a Special Meeting, as submitted.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: N/A

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: N/A

Approved: _____


Sage Sangiacomo, City Manager

CITY OF UKIAH
CITY COUNCIL MINUTES
Special Meeting
CIVIC CENTER COUNCIL CHAMBERS
300 Seminary Avenue
Ukiah, CA 95482
August 30, 2017
5:00 p.m.

WORKSHOP ON HOUSING

1. ROLL CALL

The Ukiah City Council met for a Special Meeting on August 30, 2017, which was legally noticed on August 25, 2017. The meeting was called to order at 5:03 p.m. Roll was taken with the following **Councilmembers Present:** Stephen G Scalmanini, Douglas F. Crane, Maureen Mulheren, and Kevin Doble. **Absent by Prearrangement:** Jim O. Brown. **Staff Present:** Sage Sangiacomo, City Manager; David Rapport, City Attorney; and Kristine Lawler, City Clerk.

VICE MAYOR DOBLE PRESIDING

2. PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Kevin Thompson, Planning Manager.

3. AUDIENCE COMMENTS ON NON-AGENDA ITEMS

No public comment was received.

4. WORKSHOP

a. Housing Workshop - Towards the Development of a Housing Strategy for the City of Ukiah.

Presenters: Craig Schlatter, Community Development and Planning Director and Kevin Thompson, Planning Manager.

Presentation was received.

(PowerPoint Presentation Attached)

Public Comment: Pinky Kushner, Michael Pallesen, Linda Sanders, Pinky Kushner, Sage Wolf, Phil Baldwin, Lee Howard, John Johns, Tom Simms, and Ryan LaRue.

Council Consensus directs staff to bring back strategies and approaches – starting with the most accessible items - for each of the following:

- Creation of Ukiah Housing Trust Fund (UHTF) and Revolving Loan Fund (RLF).
- UHTF and RLF guidelines for City Council adoption (with proposed deployment allocations).
- Long-term performance and administration procedures as part of UHTF guidelines adoption.
- Annual report presentations on UHTF accomplishments.
- Zoning ordinances and UCC for housing development regulatory relief; report for Council:
 - o By-right residential uses in other zoning districts.
 - o Reduction of parking and setback requirements.

- o LID and creation of offsite mitigation bank(s).
- Formation and appointment considerations for a Middle Income Citizen Advisory Board.
- Innovation Zone for community benefit zoning, as identified by Staff and the Middle Income Citizen Advisory Board.

Additional Public Comment: Linda Sanders, Michael Pallesen, Pinky Kushner, and Michael Pallesen (responding to Council).

5. ADJOURNMENT

There being no further business, the meeting adjourned at 7:28 p.m.

Kristine Lawler, City Clerk



AGENDA SUMMARY REPORT

SUBJECT: Report of Disbursements for the Month of July 2017.

DEPARTMENT: Finance

PREPARED BY: Daphine Harris

ATTACHMENTS:

[Attachment 1 - July Summary](#)

[Attachment 2 - Account Codes](#)

[Attachment 3 - Object Codes](#)

[Attachment 4 - July 2017](#)

Summary: Payments made during the month of July 2017, are summarized on the Report of Disbursements. Further detail is supplied on the Schedule of Bills, representing the four (4) individual payment cycles within the month.

Background: Accounts Payable check numbers (City): 3022651 - 3022726, 3022727 - 3022831, 3022855 - 3022962, 3022977 - 3023097

Accounts Payable check numbers (UVFD): 3022832 - 3022854, 3022963 - 3022976

Accounts Payable Wire Transfers: N/A

Payroll check numbers: 505012 - 505072, 505073 - 505134

RECOMMENDED ACTION: Approve the Report of Disbursements for the month of July 2017.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: N/A

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: N/A

Approved: _____


Sage Sangiacomo, City Manager

Payroll manual check numbers: N/A

Void check numbers: 3022575, 3021392, 3023002

Discussion: This report is submitted in accordance with Ukiah City Code Division 1, Chapter 7, Article 1.

Attachment #1: July 2017 Summary of Disbursements

Attachment #2: Account Codes for reference

Attachment #3: Object Codes for reference

Attachment #4: July 2017 Disbursement Detail

**CITY OF UKIAH
REPORT OF DISBURSEMENTS
REGISTER OF PAYROLL AND DEMAND PAYMENTS
FOR THE MONTH OF JULY**

Attachment 1

FUNDS:

100 General Fund	\$242,329.51	700 Sanitary Disposal Site Fund	\$720.38
105 Measure S General Fund	\$31,867.19	701 Landfill Corrective Fund	
110 Special General Fund		702 Disposal Closure Reserve Fund	
201 Worker's Comp Fund	\$203,184.84	704 Post Closure Fund - Solid Waste	\$0.00
202 Liability Fund	\$3,285.96	720 Golf Fund	\$350.39
203 Garage Fund	\$3,746.77	730 Conference Center Fund	\$7,096.37
204 Purchasing Fund	\$1,714.87	750 Visit Ukiah	\$0.00
205 Billing & Collections Fund	\$31,875.17	777 Airport Fund	\$54,458.43
206 Public Safety Dispatch Fund	\$30,308.54	778 Airport Capital Improvement Fund	
207 Payroll Posting Fund	\$235,543.57	779 Special Aviation Fund	
208 Building Maintenance/Corp Yard Fund	\$49,979.11	800 Electric Fund	\$711,930.17
209 IT Fund	\$9,595.39	801 Electric Capital Reserve Fund	\$371,886.74
220 Equipment Reserve Fund	\$40,438.23	803 Lake Mendocino Bond Reserve	\$1,787.50
250 Special Revenue Fund	\$42,532.81	805 Street Lighting Fund	\$12,289.46
251 Special Projects Reserve Fund		806 Public Benefits Fund	\$28,670.29
300 Park Development Fund		820 Water Fund	\$93,665.38
301 Anton Stadium Fund	\$0.00	822 Water Capital Improvement Fund	\$503,873.37
302 Observatory Park Fund		830 Recycled Water Fund	\$154.19
304 Swimming Pool Fund	\$0.00		
305 Riverside Park Fund	\$0.00	840 City/District Sewer Fund	\$184,310.81
306 Skate Park Fund	\$0.00	841 Sewer Construction Fund	
310 Museum Grants		843 Sewer Capital Fund	
311 Alex Rorbaugh Recreation Center Fund	\$23,777.23	900 Special Deposit Trust	\$28,213.63
312 Downtown Business Improvement Fund	\$5,285.52	901 General Service (Accts Recv)	\$1,174.81
313 LMHF Housing Asset Fund		902 U.S.W. Billing & Collection	
314 Winter Special Events	\$98.68	903 Public Safety - AB 109	\$0.00
500 2106 Gas Tax Fund		905 Federal Emergency Shelter Grant	
501 2107 Gas Tax Fund		905 Mendocino Emergency Service Authority	
503 2105 Gas Tax Fund		911 Russian River Watershed Association	\$161,104.65
505 Signalization Fund		940 Sanitation District Special Fund	
506 Bridge Fund		943 Sanitation District Capital Improvement Fund	
507 1998 STIP Augmentation Fund		952 REDIP Sewer Enterprise Fund	
508 SB325 Reimbursement Fund		960 Community Redevelopment Agency	
509 S.T.P. Fund		961 RDA Housing Pass-Through	
510 Trans-Traffic Congest Relief Fund	\$139,758.17	962 Redevelopment Housing Fund	
600 Community Development Block Grant		963 Housing Debt	\$274,925.00
601 EDBG 94-333 Revolving Loan		964 RDA Capital Pass-Through	
602 Community Development Fund		965 Redevelopment Capital Improvement Fund	
603 08-HOME-4688		966 Redevelopment Debt Service	
604 CDBG Grant 09-STBG-6417		967 Housing Bond Proceeds	
605 11-HOME-7654 Fund	\$0.00	968 Non-Housing Bond Proceeds	
606 CDBG Grant 10-EDEF-7261		969 RDA Obligation Retirement Fund	\$101.40
607 Prop 84 Grant Fund		844/944 Sewer Capital Projects Fund	\$81,612.58
609 13-CDBG-8940		915 UVFD	\$32,573.61
610 City RDA Projects Fund		Retainage Withheld	\$37,937.53
630 Asset Seizure Fund	\$6,431.00		
631 Asset Seizure Fund (Drug/Alcohol)			
633 H & S Education 11489(B)(2)(A1)			
634 Federal Asset Seizure Grants			
635 SUP Law Enforcement Service Fund	\$1,250.00		
637 Local Law Enforcement Block Grant			
638 Asset Forfeiture 11470.2 H & S			
639 Special Revenue - Police	\$0.00		
640 Parking District Fund	\$675.65		
691 Museum Fund	\$5,525.04		

PAYROLL CHECK NUMBERS: 605012 - 505072

DIRECT DEPOSIT NUMBERS: 82546 - 82782

PAYROLL PERIOD: 6/18/17 - 7/01/17

PAYROLL CHECK NUMBERS: 605073 - 505134

DIRECT DEPOSIT NUMBERS: 82783 - 83018

PAYROLL PERIOD: 7/02/17 - 7/15/17

PAYROLL CHECK NUMBERS:

DIRECT DEPOSIT NUMBERS:

PAYROLL PERIOD:

VOID CHECK NUMBERS:

3022575, 3021382, 3023002

MANUAL CHECK NUMBERS:

WIRE TRANSFER NUMBERS:

TOTAL DEMAND PAYMENTS- A/P CHECKS \$3,698,039.94

TOTAL DEMAND PAYMENTS-WIRES* & EFT's \$240.00

TOTAL PAYROLL CHECKS & DIRECT DEPOSITS \$895,133.99

TOTAL PAYROLL EFT's (TAXES, PERS, VENDORS) \$550,677.37

* vendor name(s) if applicable

TOTAL PAYMENTS

\$5,144,091.30

CERTIFICATION OF CITY CLERK

This register of Payroll and Demand Payments was duly approved by the City Council on _____.

City Clerk

APPROVAL OF CITY MANAGER

I have examined this Register and approve same.

City Manager

CERTIFICATION OF DIRECTOR OF FINANCE

I have audited this Register and approve for accuracy and available funds.

Director of Finance

Account Code Summary

Attachment 2

10000000	General Fund	20526430	Electric Department - Meter Readers
10010000	City Council	20620231	Ukiah Dispatch
10011100	City Clerk	20620232	Ft Bragg Dispatch
10011300	Elections	20700000	Payroll Posting Fund
10012100	City Manager	20822500	Building Maintenance
10012200	Administrative Support	20824300	Corporation Yard
10012400	Miscellaneous General Government	20922900	IT Fund
10013400	Finance Department	22013300	FA Replace - Finance UB
10014000	City Attorney	22020200	FA Replace - Police Operations
10015100	Treasury Management	22021210	FA Replace - Fire Administration
10016100	Human Resources	22022900	FA Replace - Information Technology
10017100	Economic Development	22024100	FA Replace - Garage
10018000	Community Outreach	22024220	FA Replace - Streets
10020217	Animal Control	22024413	FA Replace - Water Distribution Cap
10022100	Parks	22024414	FA Replace - Water Distribution O&M
10022300	Aquatics	22024421	FA Replace - City Wastewater
10022800	Recreation	25024210	Engineering Reserve
10022810	Recreation Administration	25024300	Corporation Yard Reserve
10022821	Adult Basketball	25122900	CIP - IT
10022822	Adult Softball	25123100	CIP - Planning
10022824	Co-Ed Volleyball	25124210	CIP - Engineering
10022831	Youth Basketball	25124220	CIP - Streets
10022832	Youth Softball	25124410	CIP - Water
10022840	Day Camp	25124421	CIP - City Wastewater
10022850	Classes & Clinics	25126410	CIP - Electric
10022860	Special Activities	30022200	Park Development
10023100	Community Planning	30122210	Anton Stadium
10023320	Building Inspection	30222220	Observatory Park
10024210	Engineering	30522250	Riverside Park
10024214	Traffic Signals	30622260	Skate Park
10024220	Streets	30822280	Project Planning
10024224	Storm Drains	31022700	Museum Grant
10514000	Police - City Attorney	31122870	Alex Rorabaugh Recreation Center
10520210	Patrol	31217100	Downtown Business Improvement District
10520214	Police Reserves	50524210	Engineering - Signalization Fund
10520216	COPS Grant	50624210	Capital Engineering
10520218	Police - CSO	50824210	SB325 - Engineering
10520224	Police - Major Crimes Task Force	50824220	SB325 - Streets
10521210	Fire Administration	50924210	STP - Engineering
10521312	Fire Volunteer Station	50924220	STP - Streets
20112400	Worker's Compensation Fund	51024220	Trans - Traffic Slurry Seal
20212400	Liability Fund	510X9999	Trans -Traffic Project
20324100	Garage Fund	60217441	Grant - CDBG 602
20413500	Purchasing Fund	60317442	Grant - HOME 603
20513300	Billing and Collections	60417441	Grant - CDBG 604
20514000	Billing and Collections - City Attorney	60517442	Grant - HOME 605
20524412	Water Department - Meter Readers	60517461	First Time Homebuyer Program

Account Code Summary

Attachment 2

60517462	FTHB Activity Delivery	80026130	Electric Substation
60517467	FTHB - PIR	80026140	Reimbursable Work for Others
60600000	CDBG Grant 10-EDEF-7261 Fund	80026200	Electric Metering
60617441	Grant - CDBG 606	80026300	Electric Generation
60617451	General Administration	80026312	Mendocino Hydro
60617452	AD ED Direct Financial Assistance	80026330	Hydro Electric
60617453	ED Direct Financial Assistance	80026400	Electric Administration
60717443	Grant Prop 84	80026410	Electric General Administration
60724413	Prop 84 Water Distribution Cap	80026430	Interdepartmental Charges
60900000	13-CDBG-8940	80326330	Hydro Plant
60917458	13-CDBG-8940	80526610	Street Lighting
63020210	Asset Seizure Expenditure	80626500	Public Benefit
63120210	Drug & Alcohol Education	82024410	Water
63320210	H&S Asset Seizure Expenditure	82024411	Water - Production O&M
63420250	Fed Asset Seizure Expenditure	82024413	Water - Distribution Capital
63520210	SLESF	82024414	Water - Distribution O&M
63820210	Asset Forfeiture 11470	82024415	Water - Production Capital
64020213	Parking Enforcement	82224413	Water - Distribution Capital
69122700	Museum	84024420	Wastewater
70024500	Landfill 700	84024421	Wastewater City - O&M
70224500	Landfill Closure	84024422	Wastewater City - Capital
70424500	Landfill Post closure	84024425	Wastewater Treatment - O&M
72022400	Golf	84124426	Wastewater Treatment - Capital
73022600	Conference Center	84224420	Wastewater
75017110	Visit Ukiah	84324422	Wastewater City - Capital
77725200	Airport Operations	84424421	Wastewater City Capital - O&M
77817411	FAA Grant	84424422	Wastewater City - Capital
80026100	Electric Administration	90000000	Special Deposit Trust Fund
80026110	Electric Overhead	91190100	Russian River Watershed Assoc
80026120	Electric Underground	96900000	Successor Agency

Object Code Summary

Attachment 3

12102 INVENTORY OF SUPPLIES	52526 FRAUD INVEST. ASSESSMENT
12103 STORES PURCHASES	52527 A.D.P. PREMIUM & DEDUCTIBLE
12104 INVENTORY - PURCHASES	52528 LIABILITY INSURANCE
12105 STORES ISSUES	52529 EARTHQUAKE & FLOOD PREMIUMS
51211 PERS UNFUNDED LIABILITY	52530 POLLUTION-ENVIRON INS PREMIUM
51280 OVERTIME/CALLOUT MEALS	52531 UMEMPLOY. INS EXPENSE
51285 CALLOUT MILEAGE REIMBURSEMENTS	52532 SAFETY & TRAINING SUPPORT
52100 CONTRACTED SERVICES	52600 RENT
52107 CONTRACTED SERVICES-EIR	52841 SUCCESSOR AGENCY ADMIN
52108 CONTRACT SERVICES-GPU	54100 SUPPLIES
52110 AMBULANCE BILLING	54101 POSTAGE
52111 MAINT. CONTRCTS - DEFIBRULATOR	54102 SMALL TOOLS
52112 M. S. OVERSIGHT	54105 PHOTOGRAPHIC EXPENSE
52113 PLANNING STUDIES	54106 SPECIALTY SUPPLIES
52114 COMPLIANCE STUDIES	54120 PW - SPECIAL SUPPLIES
52120 LABOR CHARGES FROM OTHER DEPAR	54121 PW - ASPHALT CONCRETE
52130 EDUCATIONAL & MARKETING MATL'S	54122 PW - AGGREGATE BASE
52131 ASSISTANCE TO SENIORS	54123 PW - CRACK SEALANT
52132 EMERGENCY ASSISTANCE	54124 PW - CONCRETE/SUPPLIES
52133 MONTHLY DISCOUNT PROGRAM	54125 PW - TRAFFIC PAINT
52134 CONTRACT ADMINISTRATION	54126 PW-PREMARKS
52135 ENERGY CONSERVATION PROGRAM	54127 PW - SIGN POSTS/SHEETING
52136 PHOTOVOLTAIC RATES/INCENTIVE	54128 PW - COLD PATCH MATERIAL
52137 PUBLIC BENEFITS PROGRAM MGMT	54129 PW - TACK OIL
52138 NCPA PUBLIC BENEFITS PROGRAM	54130 PW - SAFETY
52139 RESEARCH, DEVELOPMENT & DEMO	54131 PW - BARRICADES & CONES
52140 LITIGATION EXPENSES	54160 HR - CITY LIABILITY & CONTRACT
52145 DETACHMENT-SEWER-UVSD	54161 HR - BACKGROUND & PHYSICALS
52150 LEGAL SERVICES/EXPENSES	54162 HR - ADVERTISING
52151 AFLAC & PERS INSUR ADMIN FEES	54163 HR - INTERVIEW SUPPLIES
52170 UKIAH WASTE SOLUTIONS	54164 HR - FORMS & OTHER DIV. EXP.
52171 RESIDENTIAL BILLING CHARGE	54165 HR - NEW EMPLOYEE FINGERPRINT
52172 COMMERCIAL OVERSIGHT FEE	54166 HR - DOT TESTING PROGRAM
52180 SECURITY SERVICES	54167 HR - EMPLOYEE DEVELOPMENT
52301 PROPERTY TAX ADMIN FEE	54168 HR - REMIF SAFETY TRNG & SUPPO
52302 AMBULANCE FEES	54201 PRISONER EXPENSE
52303 REHIT SUPPORT	54202 MAJOR CRIME INVETIGATIONS
52304 LAFCO FEES AND PROP TAX EXP	54320 SOFTWARE
52500 TRUSTEE FEES	55100 TELEPHONE
52510 ADVERTISING & PROMOTION	55200 PG&E
52515 ADVERTISING & PUBLICATION	55210 UTILITIES
52521 LIABILITY INSURANCE PREMIUM	56100 VEHICLE & EQUIPMENT MAINT. & R
52522 LIABILITY INSURANCE DEDUCT	56110 CITY GARAGE - PARTS
52523 BOILER/MACHINERY PREMIUMS	56111 CITY GARAGE - LABOR
52524 PROPERTY INSURANCE	56112 EQUIPMENT PARTS FOR RESALE
52525 WORKER'S COMP. EXPENSE	56120 EQUIPMENT MAINTENANCE & REPAIR

56121	R & M RADIO EQUIPMENT	80235	SYSTEM MAINTENANCE
56122	R & M NON-AUTO EMS EQUIPMENT	80236	EMERGENCY/CONTINGENCY
56123	R & M COMPUTERS	90100	LOAN PROCEEDS
56124	MAINT CONTRACT DEFIBULATORS	90101	LOAN PAYMENT RECEIVED
56130	EXTERNAL SERVICES	90301	LOAN REPAYMENT
56210	FUEL & FLUIDS	90410	BOND PROCEEDS
56300	BUILDING MAINT. & REPAIR		
56410	EQUIPMENT RENTAL - PRIVATE		
56504	FACILITY MAINTENANCE & REPAIR		
56600	AIRFIELD MAINTENANCE & REPAIR		
56700	LANDFILL CLOSURE EXPENSE		
57100	CONFERENCE & TRAINING		
57101	CONF & TRAINING-AQUATICS		
57102	CONF & TRAINING-PARKS STAFF		
57200	MEETINGS		
57300	MEMBERSHIPS & SUBSCRIPTIONS		
58101	NCPA PLANT GENERATION		
58102	NCPA POWER PURCHASES		
58103	NCPA TRANSMISSION		
58104	NCPA MANAGEMENT SERVICES		
58105	NCPA THIRD PARTY SALES		
58106	NCPA PASS THROUGH COSTS		
58107	NCPA COMMITMENTS ACTIVITY		
58201	WATER PURCHASES		
58202	WATER TREATMENT PLANT CHEMICAL		
58401	AVIATION FUEL		
58410	GARAGE LUBRICANTS & PARTS		
58510	REIMBRASABLE JOBS		
59100	PROPERTY TAXES PAID		
59101	FEES		
59102	FRANCHISE FEES		
59350	PURCHASE DISCOUNTS TAKEN		
59400	OTHER EXPENSES		
70101	LOAN PAYMENTS MADE		
70102	BOND INTEREST PAYMENTS		
70110	BOND ISSUANCE COSTS		
70201	LOAN PRINCIPAL PAYMENTS		
70202	BOND PRINCIPAL PAYMENTS		
80100	MACHINERY & EQUIPMENT		
80200	BUILDINGS ACQUISITION		
80210	LAND ACQUISITION		
80220	BUILDING IMPROVEMENTS		
80230	INFRASTRUCTURE		
80231	RECYCLING STUDY 50% GRANT MATC		
80232	LINE REPLACEMENTS		
80233	MAIN REPLACEMENTS		
80234	INFLOW/INFILTRATION		

List of Checks Presented for Approval on 7/7/2017

The following list of bills payable was reviewed and approved for payment.


 7-14-17

 Signature

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
AACTION RENTS	283225-2	EQUIPMENT & MACHINERY RENTAL A	\$500.00	84024425-52100	CONTRACTED SERVICES	\$500.00
					Vendor Total:	\$500.00
ACCURATE MEASUREMENT SYSTEMS	V060617DPS	SMART HART DIFFERENTIAL PRESSU	\$1,999.13	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1,999.13
					Vendor Total:	\$1,999.13
ALL-GUARD ALARM SYSTEMS INC	A133082	MONITORING SERVICES AT WWTP	\$76.90	84024425-52100	CONTRACTED SERVICES	\$76.90
					Vendor Total:	\$76.90
ALLEN JAMES	DV062717	INSTRUCTOR	\$80.00	10022850-52100	CONTRACTED SERVICES	\$80.00
					Vendor Total:	\$80.00
ALPINE AWARDS	5519113	CONCERT T'S	\$1,319.23	90000000-23226	CONCERT SERIES	\$1,319.23
	5518624	DAYCAMP T'S	\$468.23	10022840-54100	SUPPLIES	\$468.23
	5518619	DAYCAMP T'S	\$933.33	10022840-54100	SUPPLIES	\$933.33
					Vendor Total:	\$2,720.79
ANDREW PHILLIPS	TA 7/17 - 7/29/17	TRAVEL ADVANCE	\$150.00	10020210-57100	CONFERENCE & TRAINING	\$150.00
					Vendor Total:	\$150.00

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
ANDREW SNYDER	TA 7/17 - 7/19/17	TRAVEL ADVANCE	\$484.56	10020210-57100	CONFERENCE & TRAINING	\$484.56
					Vendor Total:	\$484.56
APPLE INC	4442717888	ELECTRONICS	\$279.61	82024410-54100	SUPPLIES	\$139.81
				84024420-54100	SUPPLIES	\$139.80
	4443131699	ELECTRONICS	\$800.47	82024410-54100	SUPPLIES	\$400.23
				84024420-54100	SUPPLIES	\$400.24
					Vendor Total:	\$1,080.08
BANNERS & SIGNS	4770	BANNER	\$1,882.28	90000000-23226	CONCERT SERIES	\$98.68
				90000000-23243	FAMILY FUN IN THE SUN	\$98.68
				90000000-23242	JULY 4TH PICNIC IN THE PARK	\$98.68
				90000000-23235	MOVIES IN THE PLAZA	\$98.68
				90000000-23219	PUMPKINFEST	\$98.68
				90000000-23256	SPECIAL EVENTS TRUST	\$994.13
				10022810-54100	SUPPLIES	\$98.71
				10022822-54100	SUPPLIES	\$98.68
				10022840-54100	SUPPLIES	\$98.68
				31400000-54100	SUPPLIES	\$98.68
					Vendor Total:	\$1,882.28
CA ASSOCIATION FOR LOCAL ECONOMIC DEVELOPMENT	300000736	MEMBERSHIP RENEWAL	\$350.00	10012600-57100	CONFERENCE & TRAINING	\$350.00
					Vendor Total:	\$350.00

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
CA BUILDING OFFICIALS	DV062717	CALBO TRAINING	\$585.00	10023320-57100	CONFERENCE & TRAINING	\$585.00
					Vendor Total:	\$585.00
CANTEEN SERVICE	9926	MISCELLANEOUS SUPPLIES AS NEED	\$241.88	10022300-54100	SUPPLIES	\$241.88
	9947	MISCELLANEOUS SUPPLIES AS NEED	\$334.40	10022300-54100	SUPPLIES	\$334.40
					Vendor Total:	\$576.28
CHROMAGRAPHS	60560	BUSINESS CARDS	\$167.55	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.72)
				10012100-54100	SUPPLIES	\$0.48
				10012100-54100	SUPPLIES	\$111.70
				10023100-54100	SUPPLIES	\$0.24
				10023100-54100	SUPPLIES	\$55.85
					Vendor Total:	\$167.55
DAPHNE HARRIS - PETTY CASH	060217	REPLENISH PETTY CASH	\$188.87	10013400-57100	CONFERENCE & TRAINING	\$10.00
				82024410-57100	CONFERENCE & TRAINING	\$24.66
				82024414-57100	CONFERENCE & TRAINING	\$9.40
				84024420-57100	CONFERENCE & TRAINING	\$26.25
				10024210-52100	CONTRACTED SERVICES	\$10.50
				84024420-59101	FEES	\$3.00
				82224413-80230	INFRASTRUCTURE	\$31.00
				10023320-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$20.00
				10013400-54101	POSTAGE	\$0.68
				10016100-54101	POSTAGE	\$3.29

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
DAPHNE HARRIS - PETTY CASH	060217	REPLENISH PETTY CASH	\$188.87	10022810-54101	POSTAGE	\$2.82
				10023100-54101	POSTAGE	\$0.47
				10023320-54101	POSTAGE	\$0.68
				10520210-54101	POSTAGE	\$2.35
				10520210-54101	POSTAGE	\$5.02
				20513300-54101	POSTAGE	\$2.35
				20513300-54101	POSTAGE	\$3.76
				77725200-54101	POSTAGE	\$5.55
				80026400-54101	POSTAGE	\$0.47
				10011100-54100	SUPPLIES	\$8.00
				10023100-54100	SUPPLIES	\$3.54
				77725200-54100	SUPPLIES	\$7.19
				82024410-54100	SUPPLIES	\$1.40
				82024410-54100	SUPPLIES	\$6.49
				Vendor Total:		\$188.87
EXIDE TECHNOLOGIES	22252104	ELECTRICAL EQUIPMENT AND SUPPL	\$312.55	80026330-80100	MACHINERY & EQUIPMENT	\$312.55
	22242205	ELECTRICAL EQUIPMENT AND SUPPL	\$6,645.89	80026330-80100	MACHINERY & EQUIPMENT	\$6,645.89
	22170153	ELECTRICAL EQUIPMENT AND SUPPL	\$17,292.40	80026330-80100	MACHINERY & EQUIPMENT	\$17,292.40
			Vendor Total:		\$24,250.84	
FASTENAL	CAUKA26753	SUPPLIES AS NEEDED	\$102.49	84024425-54100	SUPPLIES	\$102.49
		Vendor Total:		\$102.49		

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
GENERAL PACIFIC INC	1284666	PARTS AS NEEDED	\$748.13	80000000-12104	INVENTORY - PURCHASES	\$748.13
					Vendor Total:	\$748.13
GOLDEN GATE BRIDGE TOLL	T711789913104	TOLL EVASION	\$30.00	10520210-54100	SUPPLIES	\$30.00
					Vendor Total:	\$30.00
GRANITE CONSTRUCTION COMPANY	1186567	MISC ROCK & ROAD PATCH MATERIA	\$87.87	84024421-54100	SUPPLIES	\$87.87
					Vendor Total:	\$87.87
IDEXX DISTRIBUTION INC	3017769779	SUPPLIES AS NEEDED	\$243.20	82024411-54100	SUPPLIES	\$243.20
	3017769780	SUPPLIES AS NEEDED	\$268.83	82024411-54100	SUPPLIES	\$268.83
					Vendor Total:	\$512.03
INTERWEST CONSULTING GROUP INC	34262	GIS SERVICES - ON-CALL AND AS	\$78.75	10024210-52100	CONTRACTED SERVICES	\$78.75
					Vendor Total:	\$78.75
ISABEL MADRIGAL	TA 7/24 - 7/29/17	TRAVEL ADVANCE	\$240.00	10020210-57100	CONFERENCE & TRAINING	\$240.00
					Vendor Total:	\$240.00
J & M LOCK	33233	DUPLICATE KEYS, REPAIRS & MISC	\$9.75	20822500-56300	BUILDING MAINT. & REPAIR	\$9.75
	34249	DUPLICATE KEYS, REPAIRS & MISC	\$95.37	20822500-56300	BUILDING MAINT. & REPAIR	\$95.37
	33234	DUPLICATE KEYS, REPAIRS & MISC	\$110.00	20822500-56300	BUILDING MAINT. & REPAIR	\$110.00
	34251	DUPLICATE KEYS, REPAIRS & MISC	\$1,056.66	20822500-56300	BUILDING MAINT. & REPAIR	\$1,056.66
	34203	DUPLICATE KEYS, REPAIRS & MISC	\$12.95	10520210-56130	EXTERNAL SERVICES	\$12.95
	34228	DUPLICATE KEYS, REPAIRS & MISC	\$52.02	10022100-54100	SUPPLIES	\$52.02

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
J & M LOCK	34247	DUPLICATE KEYS, REPAIRS & MISC	\$86.10	10022100-54100	SUPPLIES	\$86.10
					Vendor Total:	\$1,422.85
JONES & MAYER	81480	LEGAL SVCS-PITCHES	\$76.93	10520210-52150	LEGAL SERVICES/EXPENSES	\$76.93
					Vendor Total:	\$76.93
JOSE RUIZ	DV062217	REIMBURSEMENT	\$75.50	73022600-56300	BUILDING MAINT. & REPAIR	\$75.50
					Vendor Total:	\$75.50
JOSIE CASTANON	TA 7/19 - 7/21/17	TRAVEL ADVANCE	\$514.68	10020210-57100	CONFERENCE & TRAINING	\$514.68
					Vendor Total:	\$514.68
JUDY CHAN	JULY 17	RENT FOR 185 MASON ST	\$1,385.00	10022100-52600	RENT	\$1,385.00
					Vendor Total:	\$1,385.00
KEN FOWLER MOTORS INC	10621	MISC AUTOMOTIVE PARTS AS NEEDED	\$63.30	10521210-56130	EXTERNAL SERVICES	\$63.30
	10398	MISC AUTOMOTIVE PARTS AS NEEDED	\$305.30	10521210-56130	EXTERNAL SERVICES	\$305.30
	10504	MISC AUTOMOTIVE PARTS AS NEEDED	\$350.46	10521210-56130	EXTERNAL SERVICES	\$350.46
	10694	MISC AUTOMOTIVE PARTS AS NEEDED	\$15.41	80026400-56130	EXTERNAL SERVICES	\$15.41
					Vendor Total:	\$734.47
KERRY RANDALL	DV062917	REIMBURSEMENT	\$366.04	73022600-56300	BUILDING MAINT. & REPAIR	\$366.04
					Vendor Total:	\$366.04
KRISTINE LAWLER	TR 6/19-23/17	TRAVEL REIMBURSEMENT	\$584.08	10011100-57100	CONFERENCE & TRAINING	\$584.08
					Vendor Total:	\$584.08

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
MAJOR CRIMES FORCE	DV061317	REIMBURSE REGISTRATION FEES	\$670.33	10020210-57100	CONFERENCE & TRAINING	\$670.33
					Vendor Total:	\$670.33
MARCUS H BOLE	4801	CEQA INITIAL STUDY-WILLOW TERR	\$12,650.00	90000000-23260	RCHDC CEQA DEPOSIT	\$12,650.00
					Vendor Total:	\$12,650.00
MCMASTER-CARR SUPPLY CO	36939384	RETURNED SUPPLIES	(\$174.36)	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	(\$174.36)
	36010373	SUPPLIES AS NEEDED	\$266.81	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$266.81
	37017933	SUPPLIES AS NEEDED	\$349.82	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$349.82
	37305893	SUPPLIES AS NEEDED	\$439.45	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$439.45
					Vendor Total:	\$881.72
MELINDA WALLS	FY 17/18	BEACON RIGHT-OF-WAY	\$4,133.69	77725200-52100	CONTRACTED SERVICES	\$4,133.69
					Vendor Total:	\$4,133.69
MENDOCINO COUNTY ENVIRONMENTAL HEALTH	EH32547	FOOD PERMIT	\$64.00	90000000-23242	JULY 4TH PICNIC IN THE PARK	\$64.00
					Vendor Total:	\$64.00
NANCY SAWYER	TA 8/11 - 8/12/17	TRAVEL ADVANCE	\$180.00	63020210-57100	CONFERENCE & TRAINING	\$180.00
					Vendor Total:	\$180.00
NATIONAL ALLIANCE ON MENTAL ILLNESS	FY 17/18	MEMBERSHIP DUES	\$35.00	10020210-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$35.00
					Vendor Total:	\$35.00
NORTH COAST RAILROAD AUTHORITY	144339	REIMBURSE - MISC CLEANUP	\$228.62	10024220-52100	CONTRACTED SERVICES	\$228.62
					Vendor Total:	\$228.62

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
NSI LAB SOLUTIONS INC	343959	WWTP TREATMENT TESTING SUPPLIES	\$443.00	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.49)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$1.93)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$1.93)
				90000000-23013	STATE USE TAX LIABILITY	(\$27.92)
				84024425-54100	SUPPLIES	\$32.27
				84024425-54100	SUPPLIES	\$443.00
				Vendor Total:		\$443.00
ONE TIME PAY VENDOR	DV062717	REFUND	\$20.00	10022850-44915	RECREATION PROGRAM INCOME	\$20.00
						Vendor Total:		$20.00
OREILLY AUTO PARTS	2707-335861	BRAKE PADS	\$320.40	10520210-56130	EXTERNAL SERVICES	\$320.40
						Vendor Total:		$320.40
PACE SUPPLY CORPORATION	023935849	MISCELLANEOUS ITEMS AS NEEDED	\$142.26	82024414-54100	SUPPLIES	\$142.26
	023955226	MISCELLANEOUS ITEMS AS NEEDED	\$25.46	84024421-54100	SUPPLIES	\$25.46
	Vendor Total:		\$167.72			
PACIFIC ECORISK INC	13379	ENVIRONMENTAL AND ECOLOGICAL S	\$590.00	84024425-52100	CONTRACTED SERVICES	\$590.00
						Vendor Total:		$590.00
PAYMENTUS GROUP INC	US17030031	CREDIT CARD PROCESSING SERVICE	\$2,204.00	20513300-52100	CONTRACTED SERVICES	\$2,204.00
						Vendor Total:		$2,204.00
PETERSON CAT	PC060138635	PARTS & SERVICE REPAIRS AS NEE	\$283.77	10024220-56130	EXTERNAL SERVICES	\$283.77

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
PETERSON CAT	PC060138634	PARTS & SERVICE REPAIRS AS NEE	\$116.71	10520210-56130	EXTERNAL SERVICES	\$116.71
					Vendor Total:	\$400.48
POWER INDUSTRIES INC	734405	ELECTRIC MOTOR	\$899.42	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$4.17
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$899.42
				90000000-23028	MEASURE Y DISTRICT TAX	(\$4.17)
					Vendor Total:	\$899.42
REDWOOD EMPIRE MUNICIPAL INSURANCE FUND	17-06 EAP	EAP INSURANCE	\$497.76	20112400-52525	WORKER'S COMP. EXPENSE	\$497.76
					Vendor Total:	\$497.76
REMY MOOSE MANLEY LLP	106130	RETAIN TO REP CITY IN LAWSUIT	\$465.00	10014000-52100	CONTRACTED SERVICES	\$465.00
					Vendor Total:	\$465.00
REOA LTD	1198	OFFICIATING OF ADULT SOFTBALL	\$3,468.00	10022822-52100	CONTRACTED SERVICES	\$3,468.00
	1199	OFFICIATING OF ADULT SOFTBALL	\$3,876.00	10022822-52100	CONTRACTED SERVICES	\$3,876.00
					Vendor Total:	\$7,344.00
RESERVE ACCOUNT	JULY 17	PRE-PAID POSTAGE	\$6,500.00	10000000-10301	PRE-PAID POSTAGE	\$6,500.00
					Vendor Total:	\$6,500.00
REXA INC	RP1701262	FEEDBACK BOARD	\$266.00	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.32)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$1.25)
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$20.95
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$266.00
				90000000-23028	MEASURE Y, DISTRICT TAX	(\$1.25)

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
REXA INC	RP1701262	FEEDBACK BOARD	\$266.00	90000000-23013	STATE USE TAX LIABILITY	(\$18.13)
					Vendor Total:	\$266.00
RICHARD ANDERSON	2017-0628-1	AGREEMENT FOR PROF.SVC'S FOR W	\$3,500.00	20922900-52100	CONTRACTED SERVICES	\$3,500.00
	2017-0609-1	AGREEMENT FOR PROF.SVC'S FOR W	\$3,525.00	20922900-52100	CONTRACTED SERVICES	\$3,525.00
					Vendor Total:	\$7,025.00
RICK PINTANE	TA 7/17 - 7/19/17	TRAVEL ADVANCE	\$484.56	10020210-57100	CONFERENCE & TRAINING	\$484.56
					Vendor Total:	\$484.56
ROUND TABLE PIZZA	02-5231	WATER MAIN BREAK MEAL	\$80.16	82024414-54100	SUPPLIES	\$80.16
	2-5227	WATER MAIN BREAK MEAL	\$102.91	82024414-54100	SUPPLIES	\$102.91
					Vendor Total:	\$183.07
RYAN NELSON	TA 7/17 - 7/21/17	TRAVEL ADVANCE	\$613.04	10021210-57100	CONFERENCE & TRAINING	\$613.04
					Vendor Total:	\$613.04
SWINE COUNTRY BBQ & GOURMET GRILL	527	SUNDAYS IN THE PARK 2017	\$42.00	90000000-23226	CONCERT SERIES	\$42.00
					Vendor Total:	\$42.00
SMITH & WESSON ACADEMY	JULY 18-19	ARMORER SCHOOL AND TOOL KIT	\$1,295.00	10020210-57100	CONFERENCE & TRAINING	\$1,295.00
					Vendor Total:	\$1,295.00
SNAP-ON INDUSTRIAL	ARV/32827071	SOCKET AND COMPSOCKET	\$72.52	20824300-54102	SMALL TOOLS	\$72.52
	ARV/32828738	SOCKET AND COMPSOCKET	\$419.26	20824300-54102	SMALL TOOLS	\$419.26
	ARV/32828735	MISCELLANEOUS TOOLS	\$581.28	20824300-54102	SMALL TOOLS	\$581.28
					Vendor Total:	\$1,073.06

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
STAPLES CREDIT PLAN	18378	OFFICE SUPPLIES, MISC AS NEEDE	\$43.33	20620231-56120	EQUIPMENT MAINTENANCE & REPAIR	\$43.33
	19269	OFFICE SUPPLIES, MISC AS NEEDE	(\$108.36)	10011100-54100	SUPPLIES	(\$108.36)
	16526	OFFICE SUPPLIES, MISC AS NEEDE	\$108.36	10011100-54100	SUPPLIES	\$108.36
	18050	OFFICE SUPPLIES, MISC AS NEEDE	\$64.97	10013400-54100	SUPPLIES	\$64.97
	16525	OFFICE SUPPLIES, MISC AS NEEDE	\$108.36	10013400-54100	SUPPLIES	\$108.36
	16527	OFFICE SUPPLIES, MISC AS NEEDE	\$108.36	10013400-54100	SUPPLIES	\$108.36
	16528	OFFICE SUPPLIES, MISC AS NEEDE	\$108.36	10013400-54100	SUPPLIES	\$54.18
				20413500-54100	SUPPLIES	\$54.18
	18089	OFFICE SUPPLIES, MISC AS NEEDE	\$224.86	10022300-54100	SUPPLIES	\$224.86
	41394	OFFICE SUPPLIES, MISC AS NEEDE	\$57.83	10022810-54100	SUPPLIES	\$57.83
	4081	OFFICE SUPPLIES, MISC AS NEEDE	(\$62.85)	10022840-54100	SUPPLIES	(\$62.85)
	17495	OFFICE SUPPLIES, MISC AS NEEDE	\$118.97	10022840-54100	SUPPLIES	\$118.97
	18368	OFFICE SUPPLIES, MISC AS NEEDE	\$206.18	10022840-54100	SUPPLIES	\$206.18
	17665	OFFICE SUPPLIES, MISC AS NEEDE	\$7.45	10024210-54100	SUPPLIES	\$7.45
	02717	OFFICE SUPPLIES, MISC AS NEEDE	\$54.18	10024210-54100	SUPPLIES	\$27.09
				82024410-54100	SUPPLIES	\$27.09
	14994	OFFICE SUPPLIES, MISC AS NEEDE	\$508.57	20824300-54100	SUPPLIES	\$464.93
				82024410-54100	SUPPLIES	\$43.64
	04468	OFFICE SUPPLIES, MISC AS NEEDE	\$9.73	73022600-54100	SUPPLIES	\$9.73
	1831176541	OFFICE SUPPLIES, MISC AS NEEDE	\$52.00	73022600-54100	SUPPLIES	\$52.00

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
STAPLES CREDIT PLAN	1824629271	OFFICE SUPPLIES, MISC AS NEEDE	\$125.70	73022600-54100	SUPPLIES	\$125.70
	1827143081	OFFICE SUPPLIES, MISC AS NEEDE	\$165.35	73022600-54100	SUPPLIES	\$165.35
	14596	OFFICE SUPPLIES, MISC AS NEEDE	\$53.40	75017110-54100	SUPPLIES	\$53.40
	19553	OFFICE SUPPLIES, MISC AS NEEDE	\$60.68	77725200-54100	SUPPLIES	\$60.68
	5520	OFFICE SUPPLIES, MISC AS NEEDE	\$91.37	80026330-54100	SUPPLIES	\$91.37
	13227	OFFICE SUPPLIES, MISC AS NEEDE	\$81.26	82024411-54100	SUPPLIES	\$81.26
	Vendor Total:					\$2,188.06
SW HEALTH RESOURCES	062017	ADULT/CHILD CPR-AED TRAINING	\$1,650.00	10022300-57101	CONF & TRAINING-AQUATICS	\$100.00
				10022810-57100	CONFERENCE & TRAINING	\$1,500.00
				73022600-57100	CONFERENCE & TRAINING	\$50.00
				Vendor Total:					$1,650.00
SWITZER ASSOCIATES	1705	TRAINING SESSION	\$275.00	63020210-57100	CONFERENCE & TRAINING	\$275.00
Vendor Total:					\$275.00	
TELSTAR INSTRUMENTS INC	90541	SET UP VPN FOR REMOTE ACCESS T	\$2,080.00	82024411-52100	CONTRACTED SERVICES	\$2,080.00
	90540	TROUBLESHOOT TURBIDITY ALARMS	\$2,080.00	82024411-52100	CONTRACTED SERVICES	\$2,080.00
	Vendor Total:					\$4,160.00
THE SACRAMENTO BEE	103100037-06042017	JOB POSTING	\$930.96	80026400-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$930.96
Vendor Total:					\$930.96	
TRAINING INNOVATIONS INC	16-188	ANNUAL TRAINING SOFTWARE	\$750.00	10020210-57100	CONFERENCE & TRAINING	\$750.00
Vendor Total:					\$750.00	

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
TUFTS POLYGRAPH & INVESTIGATION	2017-326(B)	POLYGRAPH & INVESTIGATION SERVICES	\$750.00	10520210-52100	CONTRACTED SERVICES	\$750.00
					Vendor Total:	\$750.00
ULINE	88234089	RETURN SUPPLIES	(\$13.71)	10520210-54201	PRISONER EXPENSE	(\$13.71)
	87796284	SUPPLIES	\$40.80	10520210-54201	PRISONER EXPENSE	\$40.80
					Vendor Total:	\$27.09
USA BLUEBOOK	266594	PUMP	\$1,331.74	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1,331.74
					Vendor Total:	\$1,331.74
VERIZON WIRELESS	9787808250	DATA & EMERGENCY LOANER PHONES	\$1,170.54	10022100-54100	SUPPLIES	\$38.01
				10022300-54100	SUPPLIES	\$38.01
				10022840-54100	SUPPLIES	\$38.01
				10023100-55100	TELEPHONE	\$38.01
				10024210-55100	TELEPHONE	\$63.35
				10024220-55100	TELEPHONE	\$25.21
				10520210-55100	TELEPHONE	\$76.02
				20922900-55100	TELEPHONE	\$385.13
				77725200-55100	TELEPHONE	\$38.00
				80026400-55100	TELEPHONE	\$152.04
				82024410-55100	TELEPHONE	\$82.36
				82024411-55100	TELEPHONE	\$38.01
				84024420-55100	TELEPHONE	\$44.35

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
VERIZON WIRELESS	9787808250	DATA & EMERGENCY LOANER PHONES	\$1,170.54	84024421-55100	TELEPHONE	\$114.03
					Vendor Total:	\$1,170.54
WESCO DISTRIBUTION INC	232135	ELECTRICAL EQUIPMENT AND SUPPL	\$8,361.52	90000000-23237	DISTRICT USE TAX-MEASURE S	(\$1.79)
				80000000-12104	INVENTORY - PURCHASES	\$42.93
				80000000-12104	INVENTORY - PURCHASES	\$8,361.52
				90000000-23028	MEASURE Y DISTRICT TAX	(\$41.14)
	219152	SUPPLIES & PARTS AS NEEDED	\$13.01	80000000-12104	INVENTORY - PURCHASES	\$13.01
	217814	ELECTRICAL EQUIPMENT AND SUPPL	\$263.06	80000000-12104	INVENTORY - PURCHASES	\$263.06
	232136	SUPPLIES & PARTS AS NEEDED	\$303.45	80000000-12104	INVENTORY - PURCHASES	\$303.45
	222037	SUPPLIES & PARTS AS NEEDED	\$442.17	80000000-12104	INVENTORY - PURCHASES	\$442.17
	230071	(2U-SP-2) STRAIGHT PLUG, 2 STR	\$2,678.40	80000000-12104	INVENTORY - PURCHASES	\$2,678.40
	235693	ELECTRICAL EQUIPMENT AND SUPPL	\$1,071.83	80026120-54100	SUPPLIES	\$1,071.83
	15030131	REFUND	(\$1,053.38)	80026130-54100	SUPPLIES	(\$1,053.38)
					Vendor Total:	\$12,080.06
WEST COAST NETTING INC	0013455-IN	NETTING	\$531.80	90000000-23236	FIELD SIGNAGE FEES	\$531.80
					Vendor Total:	\$531.80
WILLOW COUNTY WATER DIST	JUNE 17.1	UTILITIES	\$20.00	31122870-55210	UTILITIES	\$20.00
	JUNE 17.2	UTILITIES	\$32.47	31122870-55210	UTILITIES	\$32.47
	JUNE 17.3	UTILITIES	\$35.28	84024425-58201	WATER PURCHASES	\$35.28
					Vendor Total:	\$87.75

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
WORKMAN GLOVE & SAFETY	36520	SUPPLIES AS NEEDED	\$74.33	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.35)
				84024425-54100	SUPPLIES	\$0.35
				84024425-54100	SUPPLIES	\$74.33
				Vendor Total:		\$74.33
WYATT IRRIGATION CO	231145-00	PARTS & MISC SUPPLIES AS NEEDED	\$14.96	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.02)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.07)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.07)
				10022100-54100	SUPPLIES	\$0.16
				10022100-54100	SUPPLIES	\$14.96
	231572-00	PARTS & MISC SUPPLIES AS NEEDED	\$18.40	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.03)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.09)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.09)
				10022300-54106	SPECIALTY SUPPLIES	\$0.21
				10022300-54106	SPECIALTY SUPPLIES	\$18.40
	231815-00	PARTS & MISC SUPPLIES AS NEEDED	\$49.95	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.06)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.24)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.24)
				10022100-54100	SUPPLIES	\$0.54
				10022100-54100	SUPPLIES	\$49.95
	231572-02	PARTS & MISC SUPPLIES AS NEEDED	\$64.18	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.08)

List of Checks Presented for Approval on 7/7/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
WYATT IRRIGATION CO	231572-02	PARTS & MISC SUPPLIES AS NEEDED	\$64.18	90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.30)
				90000000-23028	MEASURE Y.DISTRICT TAX	(\$0.30)
				10022300-54106	SPECIALTY SUPPLIES	\$0.68
				10022300-54106	SPECIALTY SUPPLIES	\$64.18
				Vendor Total:		\$147.49
XEROX CORP	089767191	COPIER LEASE-SEE ADD'L DESCRIP	\$185.93	69122700-52100	CONTRACTED SERVICES	\$185.93
	089767190	COPIER LEASE-SEE ADD'L DESCRIP	\$327.11	73022600-52100	CONTRACTED SERVICES	\$327.11
	089767192	COPIER LEASE-SEE ADD'L DESCRIP	\$1,238.13	10012200-94500	LEASE PAYMENTS	\$1,238.13
	089767189	COPIER LEASE-SEE ADD'L DESCRIP	\$237.45	10520210-94500	LEASE PAYMENTS	\$130.60
				10521210-94500	LEASE PAYMENTS	\$83.11
				20620231-94500	LEASE PAYMENTS	\$11.87
				64020213-94500	LEASE PAYMENTS	\$11.87
				10520210-94500	LEASE PAYMENTS	\$277.98
	089767188	COPIER LEASE-SEE ADD'L DESCRIP	\$505.41	10521210-94500	LEASE PAYMENTS	\$176.90
				20620231-94500	LEASE PAYMENTS	\$25.27
				64020213-94500	LEASE PAYMENTS	\$25.26
				Vendor Total:		\$2,494.03
XYLEM WATER SOLUTIONS USA INC	3556959327	PARTS AS NEEDED	\$933.31	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$933.31
				Vendor Total:		\$933.31
INVOICE TOTAL:						\$121,310.13

List of Checks Presented for Approval on 7/14/2017

The following list of bills payable was reviewed and approved for payment.


 Signature

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
AIMEE SHIELDS	JULY 17	TRANSCRIPTION SERVICES FOR POL	\$1,250.00	63520210-52100	CONTRACTED SERVICES	\$1,250.00
					Vendor Total:	\$1,250.00
ALHAMBRA NATIONAL WATER	5109554 070617	DRINKING WATER SERVICES	\$113.27	69122700-54100	SUPPLIES	\$7.99
				77725200-54100	SUPPLIES	\$43.13
				84024425-54100	SUPPLIES	\$62.15
	5109554 060617	DRINKING WATER SERVICES	\$147.48	69122700-54100	SUPPLIES	\$26.18
				77725200-54100	SUPPLIES	\$43.16
				84024425-54100	SUPPLIES	\$78.14
					Vendor Total:	\$260.75
ALPHA ANALYTICAL LABORATORIES INC	7062503- UKIAHSTP	MISCELLANEOUS LABORATORY WORK	\$130.00	84024425-52100	CONTRACTED SERVICES	\$130.00
	7062642- UKIAHSTP	MISCELLANEOUS LABORATORY WORK	\$193.00	84024425-52100	CONTRACTED SERVICES	\$193.00
	7062514- UKIAHSTP	MISCELLANEOUS LABORATORY WORK	\$377.00	84024425-52100	CONTRACTED SERVICES	\$377.00
	7061962-UKIAH	MISCELLANEOUS LABORATORY WORK	\$44.00	82024414-59101	FEES	\$44.00
					Vendor Total:	\$744.00
ALSCO-AMERICAN LINEN DIVISION	LSRO993330	LAUNDRY SERVICES	\$248.10	20324100-52100	CONTRACTED SERVICES	\$248.10

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
ALSCO-AMERICAN LINEN DIVISION	LSRO996675	LAUNDRY SERVICES	\$248.10	20324100-52100	CONTRACTED SERVICES	\$248.10
Vendor Total:						\$496.20
AMAZON CAPITAL SERVICES	0VBB-Y6LF-DTFS	DATA TRANSFER CABLE	\$95.39	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.12)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.48)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.48)
				90000000-23013	STATE USE TAX LIABILITY	(\$6.92)
				10024210-54100	SUPPLIES	\$8.00
				10024210-54100	SUPPLIES	\$95.39
	05YB-RVJ8-1MC9	FIRST AID KITS	\$209.94	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.27)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$1.05)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$1.05)
				90000000-23013	STATE USE TAX LIABILITY	(\$15.22)
				20324100-54100	SUPPLIES	\$17.59
				20324100-54100	SUPPLIES	\$209.94
	0RRK-R4SD-206T	FIRST AID KITS	\$209.94	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.27)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$1.05)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$1.05)
				90000000-23013	STATE USE TAX LIABILITY	(\$15.22)
				20324100-54100	SUPPLIES	\$17.59
				20324100-54100	SUPPLIES	\$209.94
	0WQJ-1BJB-1SJ8	PHOTOGRAPHIC EQUIPMENT, FILM,	\$3,219.93	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$4.03)

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
AMAZON CAPITAL SERVICES	0WQJ-1BJB-1SJ8	PHOTOGRAPHIC EQUIPMENT, FILM,	\$3,219.93	90000000-23237	DISTRICT USE TAX-MEASURE S	(\$16.10)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$16.10)
				90000000-23013	STATE USE TAX LIABILITY	(\$233.45)
				80026110-54100	SUPPLIES	\$269.68
				80026110-54100	SUPPLIES	\$3,219.93
	09LK-8D9R-562X	TREE ROOT BARRIER	\$213.59	82024414-54100	SUPPLIES	\$213.59
Vendor Total:						\$3,948.79
ANIXTER	3552892-00	GUY STRAND CABLE	\$487.69	80000000-12104	INVENTORY - PURCHASES	\$487.69
	3610308-00	ELECTRICAL EQUIPMENT AND SUPPL	\$1,558.26	80000000-12104	INVENTORY - PURCHASES	\$1,558.26
	3586782-00	ELECTRICAL CABLES AND WIRES (N	\$1,690.65	80000000-12104	INVENTORY - PURCHASES	\$1,690.65
	Vendor Total:					\$3,736.60
ARAMARK UNIFORM SERVICES	703351293	MAT & TOWEL SERVICE	\$95.75	20822500-56300	BUILDING MAINT. & REPAIR	\$95.75
	703371800	MAT & TOWEL SERVICE	\$95.75	20822500-56300	BUILDING MAINT. & REPAIR	\$95.75
	703361630	MAT & TOWEL SERVICE	\$51.75	31122870-56300	BUILDING MAINT. & REPAIR	\$51.75
	703382164	MAT & TOWEL SERVICE	\$51.75	31122870-56300	BUILDING MAINT. & REPAIR	\$51.75
	703351294	MAT & TOWEL SERVICE	\$73.75	73022600-56300	BUILDING MAINT. & REPAIR	\$73.75
	703371801	MAT & TOWEL SERVICE	\$73.75	73022600-56300	BUILDING MAINT. & REPAIR	\$73.75
	703351318	UNIFORM SVC-AIRPORT	\$48.48	77725200-54100	SUPPLIES	\$48.48
	703361647	UNIFORM SVC-AIRPORT	\$48.48	77725200-54100	SUPPLIES	\$48.48
	703371824	UNIFORM SVC-AIRPORT	\$48.48	77725200-54100	SUPPLIES	\$48.48

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
ARAMARK UNIFORM SERVICES	703382181	UNIFORM SVC-AIRPORT	\$48.48	77725200-54100	SUPPLIES	\$48.48
					Vendor Total:	\$636.42
AT&T	JUNE 17	INTERNET SERVICES	\$75.00	77725200-55100	TELEPHONE	\$75.00
					Vendor Total:	\$75.00
B & B INDUSTRIAL SUPPLY INC	188550	MISCELLANEOUS MATERIALS AS NEE	\$1.69	20822500-56300	BUILDING MAINT. & REPAIR	\$1.69
	189051	MISCELLANEOUS MATERIALS AS NEE	\$301.49	20822500-56300	BUILDING MAINT. & REPAIR	\$276.81
				20822500-54102	SMALL TOOLS	\$24.68
	189016	MISCELLANEOUS MATERIALS AS NEE	\$50.50	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$50.50
	188687	MISCELLANEOUS MATERIALS AS NEE	\$46.23	82024414-56130	EXTERNAL SERVICES	\$46.23
	188923	MISCELLANEOUS MATERIALS AS NEE	\$16.44	20824300-54102	SMALL TOOLS	\$16.44
	188853	MISCELLANEOUS MATERIALS AS NEE	\$223.24	20824300-54102	SMALL TOOLS	\$223.24
					Vendor Total:	\$639.59
BANNERS & SIGNS	4707	INSTALLATION OF BANNER FOR PD	\$75.00	10520210-56130	EXTERNAL SERVICES	\$75.00
					Vendor Total:	\$75.00
BOUTIN JONES INC	102800	LEGAL RETAINER FOR UVSD LITIGA	\$258.44	84424422-52100	CONTRACTED SERVICES	\$258.44
					Vendor Total:	\$258.44
BUCKLES SMITH ELECTRIC CO	1803338-00	REPAIR SERVICES	\$1,674.01	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$5.82
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1,674.01
				90000000-23028	MEASURE Y DISTRICT TAX	(\$5.82)
					Vendor Total:	\$1,674.01

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
BWS DISTRIBUTORS INC	224281	CALIBRATE GAS MONITOR	\$126.32	80026330-52100	CONTRACTED SERVICES	\$126.32
					Vendor Total:	\$126.32
CA FIRE CHIEFS ASSOC	DV070517	ANNUAL MEMBERSHIP 17/18	\$400.00	10021210-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$400.00
					Vendor Total:	\$400.00
CA POLICE CHIEFS ASSOC	7356	ANNUAL CPCA MEMBERSHIP DUES 17/18	\$564.00	10020210-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$564.00
					Vendor Total:	\$564.00
CANTEEN SERVICE	9875	MISCELLANEOUS SUPPLIES AS NEEDED	\$369.58	10022300-54100	SUPPLIES	\$369.58
					Vendor Total:	\$369.58
CHEM DRY	17154	CARPET CLEANING SVCS	\$1,045.00	31122870-52100	CONTRACTED SERVICES	\$1,045.00
					Vendor Total:	\$1,045.00
CHROMAGRAPHS	59804	BUSINESS CARDS	\$95.16	90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.39)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.39)
				10521210-54100	SUPPLIES	\$0.78
				10521210-54100	SUPPLIES	\$95.16
					Vendor Total:	\$95.16
CLARK PEST CONTROL	20193213	PEST CONTROL SVCS	\$92.00	80026130-52100	CONTRACTED SERVICES	\$92.00
	20177225	PEST CONTROL SVCS	\$74.00	80026330-52100	CONTRACTED SERVICES	\$74.00
					Vendor Total:	\$166.00
CLOVER STORNETTA FARMS	0100711685	PROVIDE MISC GOODS AS NEEDED	\$204.41	10022300-54100	SUPPLIES	\$204.41

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
CLOVER STORNETTA FARMS	0100717697	PROVIDE MISC GOODS AS NEEDED	\$207.86	10022300-54100	SUPPLIES	\$207.86
					Vendor Total:	\$412.27
CORNWELL QUALITY TOOLS	25906	TOOLS AS NEEDED	\$27.99	20324100-54102	SMALL TOOLS	\$27.99
	25907	TOOLS AS NEEDED	\$297.62	20324100-54102	SMALL TOOLS	\$297.62
					Vendor Total:	\$325.61
CRAIG SCHLATTER	DV070517	REIMBURSEMENT	\$129.48	10012100-54100	SUPPLIES	\$129.48
					Vendor Total:	\$129.48
DAN QUARLES	DV062217	REIMBURSEMENT	\$16.00	80026400-57100	CONFERENCE & TRAINING	\$16.00
					Vendor Total:	\$16.00
DEPARTMENT OF JUSTICE	240802	CLETS-QUARTERLY FYE 2017	\$1,200.48	20620231-55100	TELEPHONE	\$1,200.48
					Vendor Total:	\$1,200.48
DIALED IN ATHLETICS	1150	SCREEN PRINT	\$402.00	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.45)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.90)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$1.80)
				10022822-54100	SUPPLIES	\$3.15
				10022822-54100	SUPPLIES	\$402.00
					Vendor Total:	\$402.00
EDDIE VEDOLLA JR	DV070517	INSTRUCTOR	\$210.00	10022850-52100	CONTRACTED SERVICES	\$210.00
					Vendor Total:	\$210.00

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
EFAX CORPORATE	938878	EFAX SERVICES	\$131.10	10012200-55100	TELEPHONE	\$131.10
					Vendor Total:	\$131.10
EPIC AVIATION LLC	6989763	JET A FUEL	\$13,780.14	77725200-58401	AVIATION FUEL	\$13,780.14
					Vendor Total:	\$13,780.14
FARWEST LINE SPECIALTIES LLC	233796	ELECTRICAL SUPPLIES	\$1,023.46	90000000-23028	MEASURE Y DISTRICT TAX	(\$4.64)
				80026110-54100	SUPPLIES	\$2.32
				80026110-54100	SUPPLIES	\$511.73
				80026120-54100	SUPPLIES	\$2.32
				80026120-54100	SUPPLIES	\$511.73
					Vendor Total:	\$1,023.46
FASTENAL	CAUKA26802	ELECTRICAL EQUIPMENT AND SUPPL	\$6,208.19	80026110-54102	SMALL TOOLS	\$1,381.44
				80026120-54102	SMALL TOOLS	\$4,826.75
					Vendor Total:	\$6,208.19
FRIEDMANS HOME IMPROVEMENT	35976840	MISC ITEMS AS NEEDED	\$281.13	77725200-56600	AIRFIELD MAINTENANCE & REPAIR	\$1.31
				77725200-56600	AIRFIELD MAINTENANCE & REPAIR	\$281.13
				90000000-23028	MEASURE Y DISTRICT TAX	(\$1.31)
	35985407	MISC ITEMS AS NEEDED	\$10.56	10022100-59400	BAD DEBT EXPENSE	\$0.05
				10022100-59400	BAD DEBT EXPENSE	\$10.56
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.05)
	35954045	MISC ITEMS AS NEEDED	\$32.57	20822500-56300	BUILDING MAINT. & REPAIR	\$0.15
				20822500-56300	BUILDING MAINT. & REPAIR	\$32.57

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	35954045	MISC ITEMS AS NEEDED	\$32.57	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.15)
	35979719	MISC ITEMS AS NEEDED	\$87.97	20822500-56300	BUILDING MAINT. & REPAIR	\$0.41
				20822500-56300	BUILDING MAINT. & REPAIR	\$87.97
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.41)
	35961260	MISC ITEMS AS NEEDED	\$88.98	20822500-56300	BUILDING MAINT. & REPAIR	\$0.42
				20822500-56300	BUILDING MAINT. & REPAIR	\$88.98
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.42)
	35987322	MISC ITEMS AS NEEDED	\$98.99	20822500-56300	BUILDING MAINT. & REPAIR	\$0.35
				20822500-56300	BUILDING MAINT. & REPAIR	\$75.91
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.46)
				20822500-54102	SMALL TOOLS	\$0.11
				20822500-54102	SMALL TOOLS	\$23.08
	35969445	MISC ITEMS AS NEEDED	\$101.99	20822500-56300	BUILDING MAINT. & REPAIR	\$0.48
				20822500-56300	BUILDING MAINT. & REPAIR	\$101.99
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.48)
	35975709	MISC ITEMS AS NEEDED	\$116.31	20822500-56300	BUILDING MAINT. & REPAIR	\$0.39
				20822500-56300	BUILDING MAINT. & REPAIR	\$84.02
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.54)
				20822500-54102	SMALL TOOLS	\$0.15
				20822500-54102	SMALL TOOLS	\$32.29
	35986705	MISC ITEMS AS NEEDED	\$160.63	20822500-56300	BUILDING MAINT. & REPAIR	\$0.42
				20822500-56300	BUILDING MAINT. & REPAIR	\$89.44

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	35986705	MISC ITEMS AS NEEDED	\$160.63	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.75)
				20822500-54102	SMALL TOOLS	\$0.33
				20822500-54102	SMALL TOOLS	\$71.19
	35957801	MISC ITEMS AS NEEDED	\$167.97	20822500-56300	BUILDING MAINT. & REPAIR	\$0.78
				20822500-56300	BUILDING MAINT. & REPAIR	\$167.97
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.78)
	35970739	MISC ITEMS AS NEEDED	\$77.31	20824300-56300	BUILDING MAINT. & REPAIR	\$0.36
				20824300-56300	BUILDING MAINT. & REPAIR	\$77.31
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.36)
	35974851	MISC ITEMS AS NEEDED	\$117.58	20824300-56300	BUILDING MAINT. & REPAIR	\$0.55
				20824300-56300	BUILDING MAINT. & REPAIR	\$117.58
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.55)
	35962880	MISC ITEMS AS NEEDED	\$163.76	20824300-56300	BUILDING MAINT. & REPAIR	\$0.76
				20824300-56300	BUILDING MAINT. & REPAIR	\$163.76
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.76)
	35957233	MISC ITEMS AS NEEDED	\$24.13	77725200-56300	BUILDING MAINT. & REPAIR	\$0.12
				77725200-56300	BUILDING MAINT. & REPAIR	\$24.13
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.12)
	35969108	MISC ITEMS AS NEEDED	\$31.80	77725200-56300	BUILDING MAINT. & REPAIR	\$0.15
				77725200-56300	BUILDING MAINT. & REPAIR	\$31.80
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.15)
	35970707	MISC ITEMS AS NEEDED	\$41.02	77725200-56300	BUILDING MAINT. & REPAIR	\$0.19

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	35970707	MISC ITEMS AS NEEDED	\$41.02	77725200-56300	BUILDING MAINT. & REPAIR	\$41.02
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.19)
	35952234	MISC ITEMS AS NEEDED	\$116.46	77725200-56300	BUILDING MAINT. & REPAIR	\$0.54
				77725200-56300	BUILDING MAINT. & REPAIR	\$116.46
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.54)
				77725200-56300	BUILDING MAINT. & REPAIR	\$0.56
	35968205	MISC ITEMS AS NEEDED	\$119.02	77725200-56300	BUILDING MAINT. & REPAIR	\$119.02
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.56)
				77725200-56300	BUILDING MAINT. & REPAIR	\$0.73
				77725200-56300	BUILDING MAINT. & REPAIR	\$155.62
	35961506	MISC ITEMS AS NEEDED	\$155.62	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.73)
				82024411-56300	BUILDING MAINT. & REPAIR	\$0.34
				82024411-56300	BUILDING MAINT. & REPAIR	\$72.02
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.34)
	35985843	MISC ITEMS AS NEEDED	\$72.02	82024411-56300	BUILDING MAINT. & REPAIR	\$2.51
				82024411-56300	BUILDING MAINT. & REPAIR	\$541.13
				90000000-23028	MEASURE Y DISTRICT TAX	(\$2.51)
				84024425-56300	BUILDING MAINT. & REPAIR	\$0.24
	35987094	MISC ITEMS AS NEEDED	\$541.13	84024425-56300	BUILDING MAINT. & REPAIR	\$51.59
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.24)
				90000000-23226	CONCERT SERIES	\$0.10
				90000000-23226	CONCERT SERIES	\$20.55

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	35961669	MISC ITEMS AS NEEDED	\$20.55	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.10)
	35957747	MISC ITEMS AS NEEDED	\$37.82	90000000-23226	CONCERT SERIES	\$0.18
				90000000-23226	CONCERT SERIES	\$37.82
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.18)
	35956989	MISC ITEMS AS NEEDED	\$322.85	90000000-23226	CONCERT SERIES	\$1.50
				90000000-23226	CONCERT SERIES	\$322.85
				90000000-23028	MEASURE Y DISTRICT TAX	(\$1.50)
	35987378	MISC ITEMS AS NEEDED	\$37.75	84024411-56120	EQUIPMENT MAINTENANCE & REPAIR	\$0.18
				84024411-56120	EQUIPMENT MAINTENANCE & REPAIR	\$37.75
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.18)
	35974308	MISC ITEMS AS NEEDED	\$15.80	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$0.08
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$15.80
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.08)
	35974171	MISC ITEMS AS NEEDED	\$22.13	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$0.11
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$22.13
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.11)
	35961914	MISC ITEMS AS NEEDED	\$57.44	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$0.27
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$57.44
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.27)
	35975196	MISC ITEMS AS NEEDED	\$80.78	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$0.38
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$80.78

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	35975196	MISC ITEMS AS NEEDED	\$80.78	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.38)
	35969528	MISC ITEMS AS NEEDED	\$84.43	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$0.40
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$84.43
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.40)
	35979509	MISC ITEMS AS NEEDED	\$93.20	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$0.44
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$93.20
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.44)
	35956471	MISC ITEMS AS NEEDED	\$116.07	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$0.54
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$116.07
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.54)
	35969395	MISC ITEMS AS NEEDED	\$4.39	10520210-56130	EXTERNAL SERVICES	\$0.02
				10520210-56130	EXTERNAL SERVICES	\$4.39
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.02)
	35968676	MISC ITEMS AS NEEDED	\$13.62	10520210-56130	EXTERNAL SERVICES	\$0.07
				10520210-56130	EXTERNAL SERVICES	\$13.62
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.07)
	35968768	MISC ITEMS AS NEEDED	\$13.62	10520210-56130	EXTERNAL SERVICES	\$0.07
				10520210-56130	EXTERNAL SERVICES	\$13.62
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.07)
	35984492	MISC ITEMS AS NEEDED	\$2.45	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.02)
				80026330-54100	SUPPLIES	\$0.02

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	35984492	MISC ITEMS AS NEEDED	\$2.45	80026330-54100	SUPPLIES	\$2.45
	35957172	MISC ITEMS AS NEEDED	\$5.64	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.03)
				10024220-54124	PW - CONCRETE/SUPPLIES	\$0.03
				10024220-54124	PW - CONCRETE/SUPPLIES	\$5.64
	35984372	MISC ITEMS AS NEEDED	\$6.08	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.03)
				82024414-54100	SUPPLIES	\$0.03
				82024414-54100	SUPPLIES	\$6.08
	35975367	MISC ITEMS AS NEEDED	\$8.39	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.04)
				82024414-54100	SUPPLIES	\$0.04
				82024414-54100	SUPPLIES	\$8.39
	35970995	MISC ITEMS AS NEEDED	\$9.49	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.05)
				84024421-54100	SUPPLIES	\$0.05
				84024421-54100	SUPPLIES	\$9.49
	35988159	MISC ITEMS AS NEEDED	\$10.54	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.05)
				80026330-54100	SUPPLIES	\$0.05
				80026330-54100	SUPPLIES	\$10.54
	35979704	MISC ITEMS AS NEEDED	\$11.40	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.06)
				80026330-54100	SUPPLIES	\$0.06
				80026330-54100	SUPPLIES	\$11.40
	35960096	MISC ITEMS AS NEEDED	\$11.83	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.06)
				80026130-54100	SUPPLIES	\$0.06
				80026130-54100	SUPPLIES	\$11.83

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	35978013	MISC ITEMS AS NEEDED	\$12.10	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.06)
				80026120-54100	SUPPLIES	\$0.06
				80026120-54100	SUPPLIES	\$12.10
	35988249	MISC ITEMS AS NEEDED	\$13.93	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.07)
				80026330-54100	SUPPLIES	\$0.07
				80026330-54100	SUPPLIES	\$13.93
	35977796	MISC ITEMS AS NEEDED	\$14.23	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.07)
				80026330-54100	SUPPLIES	\$0.07
				80026330-54100	SUPPLIES	\$14.23
	35986694	MISC ITEMS AS NEEDED	\$14.47	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.07)
				80026330-54100	SUPPLIES	\$0.07
				80026330-54100	SUPPLIES	\$14.47
	35962626	MISC ITEMS AS NEEDED	\$14.80	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.07)
				10022100-54100	SUPPLIES	\$0.07
				10022100-54100	SUPPLIES	\$14.80
	35976257	MISC ITEMS AS NEEDED	\$17.12	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.08)
				10022100-54100	SUPPLIES	\$0.08
				10022100-54100	SUPPLIES	\$17.12
	35978033	MISC ITEMS AS NEEDED	\$17.12	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.08)
				10022100-54100	SUPPLIES	\$0.08
				10022100-54100	SUPPLIES	\$17.12
	35989966	MISC ITEMS AS NEEDED	\$17.12	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.08)

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	35989966	MISC ITEMS AS NEEDED	\$17.12	10022100-54100	SUPPLIES	\$0.08
				10022100-54100	SUPPLIES	\$17.12
	35970801	MISC ITEMS AS NEEDED	\$17.54	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.09)
				84024425-54100	SUPPLIES	\$0.09
				84024425-54100	SUPPLIES	\$17.54
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.09)
	35960478	MISC ITEMS AS NEEDED	\$17.75	10022100-54100	SUPPLIES	\$0.09
				10022100-54100	SUPPLIES	\$17.75
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.09)
	35957619	MISC ITEMS AS NEEDED	\$18.11	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.09)
				82024414-54100	SUPPLIES	\$0.09
				82024414-54100	SUPPLIES	\$18.11
	35959841	MISC ITEMS AS NEEDED	\$19.02	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.09)
				10022100-54100	SUPPLIES	\$0.09
				10022100-54100	SUPPLIES	\$19.02
	35958547	MISC ITEMS AS NEEDED	\$19.37	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.09)
				82024414-54100	SUPPLIES	\$0.09
				82024414-54100	SUPPLIES	\$19.37
	35988023	MISC ITEMS AS NEEDED	\$20.39	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.10)
				80026400-54100	SUPPLIES	\$0.10
				80026400-54100	SUPPLIES	\$20.39
	35986786	MISC ITEMS AS NEEDED	\$21.10	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.10)
				10022100-54100	SUPPLIES	\$0.10

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	35986786	MISC ITEMS AS NEEDED	\$21.10	10022100-54100	SUPPLIES	\$21.10
	35969755	MISC ITEMS AS NEEDED	\$22.50	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.11)
				80026330-54100	SUPPLIES	\$0.11
				80026330-54100	SUPPLIES	\$22.50
	35987076	MISC ITEMS AS NEEDED	\$24.43	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.12)
				10024220-54120	PW - SPECIAL SUPPLIES	\$0.12
				10024220-54120	PW - SPECIAL SUPPLIES	\$24.43
	35970010	MISC ITEMS AS NEEDED	\$24.70	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.12)
				10024220-54120	PW - SPECIAL SUPPLIES	\$0.12
				10024220-54120	PW - SPECIAL SUPPLIES	\$24.70
	35957185	MISC ITEMS AS NEEDED	\$27.73	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.13)
				10024220-54120	PW - SPECIAL SUPPLIES	\$0.13
				10024220-54120	PW - SPECIAL SUPPLIES	\$27.73
	35971100	MISC ITEMS AS NEEDED	\$28.48	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.14)
				10024220-54120	PW - SPECIAL SUPPLIES	\$0.14
				10024220-54120	PW - SPECIAL SUPPLIES	\$28.48
	35979836	MISC ITEMS AS NEEDED	\$29.22	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.14)
				10024220-54125	PW - TRAFFIC PAINT	\$0.14
				10024220-54125	PW - TRAFFIC PAINT	\$29.22
	35966694	MISC ITEMS AS NEEDED	\$30.70	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.15)
				80026330-54100	SUPPLIES	\$0.15
				80026330-54100	SUPPLIES	\$30.70

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	35988302	MISC ITEMS AS NEEDED	\$32.22	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.15)
				90000000-23235	MOVIES IN THE PLAZA	\$0.15
				90000000-23235	MOVIES IN THE PLAZA	\$32.22
	35980700	MISC ITEMS AS NEEDED	\$34.64	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.16)
				84024425-54102	SMALL TOOLS	\$0.16
				84024425-54102	SMALL TOOLS	\$34.64
	35976800	MISC ITEMS AS NEEDED	\$36.10	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.17)
				10022100-54100	SUPPLIES	\$0.17
				10022100-54100	SUPPLIES	\$36.10
	35952613	MISC ITEMS AS NEEDED	\$37.51	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.18)
				10024220-54120	PW - SPECIAL SUPPLIES	\$0.18
				10024220-54120	PW - SPECIAL SUPPLIES	\$37.51
	35984808	MISC ITEMS AS NEEDED	\$39.37	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.19)
				10024220-54102	SMALL TOOLS	\$0.19
				10024220-54102	SMALL TOOLS	\$39.37
	35952624	MISC ITEMS AS NEEDED	\$39.59	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.19)
				84024421-54100	SUPPLIES	\$0.19
				84024421-54100	SUPPLIES	\$39.59
	35980471	MISC ITEMS AS NEEDED	\$40.15	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.19)
				20822500-54102	SMALL TOOLS	\$0.19
				20822500-54102	SMALL TOOLS	\$40.15
	35961784	MISC ITEMS AS NEEDED	\$44.94	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.21)

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	35961784	MISC ITEMS AS NEEDED	\$44.94	84024421-54100	SUPPLIES	\$0.21
				84024421-54100	SUPPLIES	\$44.94
	35977842	MISC ITEMS AS NEEDED	\$48.66	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.23)
				82024414-54100	SUPPLIES	\$0.23
				82024414-54100	SUPPLIES	\$48.66
	35957342	MISC ITEMS AS NEEDED	\$57.57	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.27)
				82024414-54100	SUPPLIES	\$0.27
				82024414-54100	SUPPLIES	\$57.57
	35979037	MISC ITEMS AS NEEDED	\$63.01	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.29)
				10024220-54124	PW - CONCRETE/SUPPLIES	\$0.29
				10024220-54124	PW - CONCRETE/SUPPLIES	\$63.01
	35988161	MISC ITEMS AS NEEDED	\$65.70	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.31)
				10022100-54100	SUPPLIES	\$0.31
				10022100-54100	SUPPLIES	\$65.70
	35961358	MISC ITEMS AS NEEDED	\$77.63	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.36)
				10024220-54120	PW - SPECIAL SUPPLIES	\$0.36
				10024220-54120	PW - SPECIAL SUPPLIES	\$77.63
	35979351	MISC ITEMS AS NEEDED	\$90.40	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.42)
				10022100-54100	SUPPLIES	\$0.42
				10022100-54100	SUPPLIES	\$90.40
	35984252	MISC ITEMS AS NEEDED	\$98.24	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.46)
				82024414-54100	SUPPLIES	\$0.46

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	35984252	MISC ITEMS AS NEEDED	\$98.24	82024414-54100	SUPPLIES	\$98.24
	35958605	MISC ITEMS AS NEEDED	\$113.26	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.53)
				10022100-54100	SUPPLIES	\$0.53
				10022100-54100	SUPPLIES	\$113.26
	35968906	MISC ITEMS AS NEEDED	\$122.57	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.57)
				10520210-54100	SUPPLIES	\$0.57
				10520210-54100	SUPPLIES	\$122.57
	35963221	MISC ITEMS AS NEEDED	\$152.36	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.71)
				10024220-54102	SMALL TOOLS	\$0.71
				10024220-54102	SMALL TOOLS	\$152.36
	35984733	MISC ITEMS AS NEEDED	\$160.13	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.75)
				10024220-54120	PW - SPECIAL SUPPLIES	\$0.75
				10024220-54120	PW - SPECIAL SUPPLIES	\$160.13
	35985808	MISC ITEMS AS NEEDED	\$191.61	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.89)
				77725200-54100	SUPPLIES	\$0.89
				77725200-54100	SUPPLIES	\$191.61
	35979799	MISC ITEMS AS NEEDED	\$198.76	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.93)
				84024421-54100	SUPPLIES	\$0.93
				84024421-54100	SUPPLIES	\$198.76
	35984602	MISC ITEMS AS NEEDED	\$208.89	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.97)
				84024425-54102	SMALL TOOLS	\$0.97
				84024425-54102	SMALL TOOLS	\$208.89

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	35987010	MISC ITEMS AS NEEDED	\$278.72	90000000-23028	MEASURE Y DISTRICT TAX	(\$1.30)
				20324100-54100	SUPPLIES	\$1.30
				20324100-54100	SUPPLIES	\$278.72
	35966865	MISC ITEMS AS NEEDED	\$279.40	90000000-23028	MEASURE Y DISTRICT TAX	(\$1.30)
				84024421-54102	SMALL TOOLS	\$1.30
				84024421-54102	SMALL TOOLS	\$279.40
	35958421	MISC ITEMS AS NEEDED	\$364.35	90000000-23028	MEASURE Y DISTRICT TAX	(\$1.69)
				10024220-54124	PW - CONCRETE/SUPPLIES	\$1.69
				10024220-54124	PW - CONCRETE/SUPPLIES	\$364.35
	Vendor Total:					\$6,962.52
GCS ENVIRONMENTAL EQUIP SRVS	15854	PARTS & SUPPLIES AS NEEDED	\$195.84	10024220-56130	EXTERNAL SERVICES	\$0.86
				10024220-56130	EXTERNAL SERVICES	\$195.84
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.86)
				Vendor Total:		\$195.84
GEARY, SHEA, O'DONNELL, GRATTAN, & MITCHELL	42736	TRIAL COUNSEL IN UVSD VS. COU	\$53,761.20	84424422-52100	CONTRACTED SERVICES	\$53,761.20
	Vendor Total:					\$53,761.20
GEMINI GROUP LLC	116-13073	SERVICES & PRINTING	\$2,699.00	82024411-52100	CONTRACTED SERVICES	\$2,699.00
	Vendor Total:					\$2,699.00
GENERAL PACIFIC INC	1285355	STREET LIGHT MAST ARM	\$806.31	80000000-12104	INVENTORY - PURCHASES	\$806.31
	1285656	ELECTRICAL EQUIPMENT AND SUPPL	\$4,134.51	80000000-12104	INVENTORY - PURCHASES	\$4,134.51

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
GENERAL PACIFIC INC	1283862	PARTS AS NEEDED	\$493.11	80026200-54100	SUPPLIES	\$493.11
					Vendor Total:	\$5,433.93
GENERAL SERVICES AGENCY	20176-4	SLA AGREEMENT	\$525.00	20620231-52100	CONTRACTED SERVICES	\$525.00
					Vendor Total:	\$525.00
GHD INC	83427	TRANSPORTATION IMPROVEMENTS RE	\$8,869.09	25024210-80230	INFRASTRUCTURE	\$8,869.09
					Vendor Total:	\$8,869.09
GINA GRECO	DV070517	INSTRUCTOR	\$1,879.00	10022850-52100	CONTRACTED SERVICES	\$1,879.00
					Vendor Total:	\$1,879.00
GRAFIX SHOPPE	114777	PD VEHICLE GRAPHIC KIT	\$361.22	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.42)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$1.68)
				10520210-56130	EXTERNAL SERVICES	\$28.07
				10520210-56130	EXTERNAL SERVICES	\$361.22
				90000000-23028	MEASURE Y DISTRICT TAX	(\$1.68)
				90000000-23013	STATE USE TAX LIABILITY	(\$24.29)
					Vendor Total:	\$361.22
GRANICUS INC	87975	SOFTWARE & SERVICES AGREEMENT	\$412.90	10011100-52100	CONTRACTED SERVICES	\$412.90
					Vendor Total:	\$412.90
GRANITE CONSTRUCTION COMPANY	1192113	MISC ROCK & ROAD PATCH MATERIA	\$192.08	10024220-54121	PW - ASPHALT CONCRETE	\$192.08
					Vendor Total:	\$192.08
HARRIS COMPUTER SYSTEMS INC	MN00098333	CLASSIC SOFTWARE MAINTENANCE -	\$18,454.93	20513300-52100	CONTRACTED SERVICES	\$18,454.93
					Vendor Total:	\$18,454.93

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
HERC RENTALS INC	29379141-001	RENTAL OR LEASE SERVICES OF AG	\$1,119.52	10024220-56410	EQUIPMENT RENTAL - PRIVATE	\$1,119.52
					Vendor Total:	\$1,119.52
IACP NET	30132	MEMBERSHIP - CAPTAIN JUSTIN WYATT 7/19/17-7/18/18	\$875.00	10020210-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$875.00
					Vendor Total:	\$875.00
INFOSEND INC	122559	UB PRINT & MAIL SERVICES	\$1,139.09	90000000-23226	CONCERT SERIES	\$1,139.09
	121617	UB PRINT & MAIL SERVICES	\$4,653.63	20513300-52100	CONTRACTED SERVICES	\$4,653.63
					Vendor Total:	\$5,792.72
INTEGRITY SHRED	70954	DOCUMENT SHREDDING	\$57.00	10520210-54100	SUPPLIES	\$28.50
				20620231-54100	SUPPLIES	\$28.50
					Vendor Total:	\$57.00
INTERWEST CONSULTING GROUP INC	34574	GIS SERVICES - ON-CALL AND AS	\$52.50	10024210-52100	CONTRACTED SERVICES	\$52.50
					Vendor Total:	\$52.50
JOHNSON'S QUALITY TREE CARE AND LOGGING CO LLC	E3731	TREE REMOVAL	\$5,300.00	10022100-56120	EQUIPMENT MAINTENANCE & REPAIR	\$5,300.00
					Vendor Total:	\$5,300.00
KELLY-MOORE PAINT COMPANY INC	910-00000262545	MISCELLANEOUS PURCHASES AS REQ	\$603.56	10024220-54125	PW - TRAFFIC PAINT	\$603.56
					Vendor Total:	\$603.56
LAFCO-LOCAL AGENCY FORMATION COMMISSION OF	806	ANNUAL COST SHARE OF LAFCO	\$22,263.95	10012200-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$22,263.95
					Vendor Total:	\$22,263.95
LEADERSHIP MENDOCINO	DV063017	LEADERSHIP MENDOCINO REGISTRATION FEE-JAROD THIELE	\$1,000.00	10024210-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$333.33

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
LEADERSHIP MENDOCINO	DV063017	LEADERSHIP MENDOCINO REGISTRATION FEE-JAROD THIELE	\$1,000.00	82024410-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$333.34
				84024420-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$333.33
				Vendor Total:		\$1,000.00
LIEBERT CASSIDY WHITMORE	1442015	LEGAL SERVICES - PERSONNEL	\$48.00	10016100-52100	CONTRACTED SERVICES	\$48.00
						Vendor Total: \$48.00
LINCOLN AQUATICS	SI319149	100LB BASKETS OF PULSAR PLUS B	\$5,403.57	10022300-54106	SPECIALTY SUPPLIES	\$5,403.57
						Vendor Total: \$5,403.57
MARC CARSON WEB DESIGN	3 JULY 2017	17/18 WEBSITE HOSTING FOR PD	\$1,000.00	63020210-52100	CONTRACTED SERVICES	\$1,000.00
						Vendor Total: \$1,000.00
MATTHEW MICHAEL COUGHLIN	DV070517	INSTRUCTOR	\$1,050.00	10022850-52100	CONTRACTED SERVICES	\$1,050.00
						Vendor Total: \$1,050.00
MUNI SERVICES LLC	0000046065	COMMISSION ON FEES LTC DISCOVERY	\$25.20	10013400-52100	CONTRACTED SERVICES	\$25.20
						Vendor Total: \$25.20
OFFICE DEPOT	934219254001	OFFICE SUPPLIES, MISCELLANEOUS	\$44.43	10012200-54100	SUPPLIES	\$44.43
	934737441001	OFFICE SUPPLIES, MISCELLANEOUS	\$650.03	10012200-54100	SUPPLIES	\$650.03
	937014610001	OFFICE SUPPLIES, MISCELLANEOUS	\$22.17	10023100-54100	SUPPLIES	\$22.17
	937017239001	OFFICE SUPPLIES, MISCELLANEOUS	\$225.41	10023100-54100	SUPPLIES	\$225.41
	931485619002	OFFICE SUPPLIES, MISCELLANEOUS	\$7.79	10024210-54100	SUPPLIES	\$7.79
	935298255001	OFFICE SUPPLIES, MISCELLANEOUS	\$29.46	10024210-54100	SUPPLIES	\$9.82

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
OFFICE DEPOT	935298255001	OFFICE SUPPLIES, MISCELLANEOUS	\$29.46	82024410-54100	SUPPLIES	\$9.82
				84024420-54100	SUPPLIES	\$9.82
	938277864001	OFFICE SUPPLIES, MISCELLANEOUS	\$47.86	10024210-54100	SUPPLIES	\$47.86
	932392469001	OFFICE SUPPLIES, MISCELLANEOUS	\$571.24	10520210-54100	SUPPLIES	\$571.24
	937107538001	OFFICE SUPPLIES, MISCELLANEOUS	\$5.41	20620231-54100	SUPPLIES	\$5.41
	937107240001	OFFICE SUPPLIES, MISCELLANEOUS	\$24.89	20620231-54100	SUPPLIES	\$24.89
	937849540001	OFFICE SUPPLIES, MISCELLANEOUS	\$41.40	20620231-54100	SUPPLIES	\$41.40
	938421348001	OFFICE SUPPLIES, MISCELLANEOUS	\$65.55	80026400-54100	SUPPLIES	\$65.55
	933078736001	OFFICE SUPPLIES, MISCELLANEOUS	\$283.54	80026400-54100	SUPPLIES	\$109.32
				82024414-54100	SUPPLIES	\$87.11
				84024421-54100	SUPPLIES	\$87.11
	935607909001	OFFICE SUPPLIES, MISCELLANEOUS	\$6.97	82024410-54100	SUPPLIES	\$3.49
				84024420-54100	SUPPLIES	\$3.48
	935607880001	OFFICE SUPPLIES, MISCELLANEOUS	\$26.79	82024410-54100	SUPPLIES	\$13.40
				84024420-54100	SUPPLIES	\$13.39
	932539781001	OFFICE SUPPLIES, MISCELLANEOUS	\$59.53	82024410-54100	SUPPLIES	\$29.77
				84024420-54100	SUPPLIES	\$29.76
	Vendor Total: -----						$2,112.47
ONE TIME PAY VENDOR	DV062717.1	REFUND OVERPAID PERMIT FEES	\$764.00	90000000-23027	BUILDING STDS ADMIN SPEC FD	\$764.00
	DV071317.1	REFUND REC CLASS	\$27.50	10022300-44910	SWIMMING POOL	\$27.50

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
ONE TIME PAY VENDOR	DV071317	REFUND REC CLASS	\$87.50	10022300-44910	SWIMMING POOL	\$87.50
	116174-4	UTILITY REFUND	\$12.91	90100000-10421	UTILITY RECEIVABLES CLEARING	\$12.91
	77093-3	UTILITY REFUND	\$39.37	90100000-10421	UTILITY RECEIVABLES CLEARING	\$39.37
	116511-7	UTILITY REFUND	\$65.23	90100000-10421	UTILITY RECEIVABLES CLEARING	\$65.23
	102977-6	UTILITY REFUND	\$74.34	90100000-10421	UTILITY RECEIVABLES CLEARING	\$74.34
	117057-0	UTILITY REFUND	\$79.51	90100000-10421	UTILITY RECEIVABLES CLEARING	\$79.51
	114338-7	UTILITY REFUND	\$100.19	90100000-10421	UTILITY RECEIVABLES CLEARING	\$100.19
	112023-7	UTILITY REFUND	\$105.91	90100000-10421	UTILITY RECEIVABLES CLEARING	\$105.91
	114745-3	UTILITY REFUND	\$135.58	90100000-10421	UTILITY RECEIVABLES CLEARING	\$135.58
	106931-9	UTILITY REFUND	\$180.15	90100000-10421	UTILITY RECEIVABLES CLEARING	\$180.15
Vendor Total:						\$1,672.19
PACE SUPPLY CORPORATION	023904748-2	PLUMBING EQUIPMENT, FIXTURES,	\$387.44	82000000-12104	INVENTORY - PURCHASES	\$387.44
	023943524	MISCELLANEOUS ITEMS AS NEEDED	\$49.17	80526610-54100	SUPPLIES	\$49.17
Vendor Total:						\$436.61
PAN-PACIFIC SUPPLY CO	29596388	SUPPLIES	\$4,348.35	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$4,348.35
Vendor Total:						\$4,348.35
PETERSON CAT	PC060138883	PARTS & SERVICE REPAIRS AS NEE	\$108.89	10520210-56130	EXTERNAL SERVICES	\$0.50
				10520210-56130	EXTERNAL SERVICES	\$108.89
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.50)
Vendor Total:						\$108.89

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
PETERSON TRUCKS INC	272746P	AIR AND LUBE FILTERS	\$47.32	10024220-56130	EXTERNAL SERVICES	\$0.22
				10024220-56130	EXTERNAL SERVICES	\$47.32
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.22)
	272649P	FILTER	\$39.85	10521210-56130	EXTERNAL SERVICES	\$0.05
				10521210-56130	EXTERNAL SERVICES	\$39.85
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.05)
	272533P	HOUSING SWITCH	\$253.66	80026400-56130	EXTERNAL SERVICES	\$1.18
				80026400-56130	EXTERNAL SERVICES	\$253.66
				90000000-23028	MEASURE Y DISTRICT TAX	(\$1.18)
	Vendor Total:					\$340.83
PG&E CO	JUNE 17	GAS AND ELECTRIC SERVICES FOR ARRC	\$2,479.57	31122870-55210	UTILITIES	\$2,479.57
					Vendor Total:	\$2,479.57
PHYSIO-CONTROL INC	117042979	ASSEMBLY REPLACEMENT KIT	\$261.47	10521210-54100	SUPPLIES	\$261.47
					Vendor Total:	\$261.47
PLATT ELECTRIC SUPPLY	N354246	MISC ELECTRICAL SUPPLIES AS NE	\$83.16	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.20)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.39)
				80026120-54100	SUPPLIES	\$0.59
				80026120-54100	SUPPLIES	\$83.16
				Vendor Total:		\$83.16
POWER INDUSTRIES INC	735166	V-BETL	\$27.15	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$27.15
	734246	SLEEVE	\$49.88	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$0.17

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
POWER INDUSTRIES INC	734246	SLEEVE	\$49.88	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$49.88
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.17)
				Vendor Total:		\$77.03
PRESS DEMOCRAT	30029550.0605 17	2017 SUBSCRIPTION RENEWAL	\$387.05	10012400-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$387.05
				Vendor Total:		\$387.05
RAINBOW AGRICULTURAL SERVICES	5433470-00	PARTS & MISC SUPPLIES AS NEEDED	\$14.94	10024220-54120	PW - SPECIAL SUPPLIES	\$14.94
	5430516-00	PARTS & MISC SUPPLIES AS NEEDED	\$27.06	10024220-54120	PW - SPECIAL SUPPLIES	\$27.06
	5431105-00	PARTS & MISC SUPPLIES AS NEEDED	\$24.18	10022100-54102	SMALL TOOLS	\$24.18
	5432431-00	PARTS & MISC SUPPLIES AS NEEDED	\$1,029.54	10022100-54102	SMALL TOOLS	\$1,029.54
	5428499-00	PARTS & MISC SUPPLIES AS NEEDED	\$238.23	10024220-54102	SMALL TOOLS	\$238.23
	5439515-00	PARTS & MISC SUPPLIES AS NEEDED	\$947.08	82024411-54102	SMALL TOOLS	\$947.08
	5430834-00	PARTS & MISC SUPPLIES AS NEEDED	\$43.34	10520210-54100	SUPPLIES	\$43.34
	5439060-00	PARTS & MISC SUPPLIES AS NEEDED	\$43.34	10520210-54100	SUPPLIES	\$43.34
	5431957-00	PARTS & MISC SUPPLIES AS NEEDED	\$54.17	10520210-54100	SUPPLIES	\$54.17
	5437131-00	PARTS & MISC SUPPLIES AS NEEDED	\$63.93	10520210-54100	SUPPLIES	\$63.93
	5420192-00	PARTS & MISC SUPPLIES AS NEEDED	\$185.32	82024414-54100	SUPPLIES	\$185.32
			Vendor Total:		\$2,671.13	
REALTY WORLD-SELZER REALTY	117411-9	UTILITY REFUND	\$3.43	90100000-10421	UTILITY RECEIVABLES CLEARING	\$3.43
				Vendor Total:		\$3.43

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
REDWOOD COAST FUELS	1852665	CARDLOCK FUEL PURCHASES	\$585.66	77725200-58401	AVIATION FUEL	\$585.66
	1856158	CARDLOCK FUEL PURCHASES	\$417.58	10024220-56210	FUEL & FLUIDS	\$417.58
	1856128	CARDLOCK FUEL PURCHASES	\$81.71	20324100-58410	GARAGE LUBRICANTS & PARTS	\$81.71
Vendor Total:						\$1,084.95
REDWOOD EMPIRE AIKIKAI	DV070517	INSTRUCTOR	\$468.00	10022850-52100	CONTRACTED SERVICES	\$468.00
	Vendor Total:					\$468.00
REDWOOD FORD	124713	PARTS & SERVICE REPAIRS AS NEE	\$40.78	10024220-56130	EXTERNAL SERVICES	\$40.78
	124986	PARTS & SERVICE REPAIRS AS NEE	\$41.49	10024220-56130	EXTERNAL SERVICES	\$41.49
	124874	PARTS & SERVICE REPAIRS AS NEE	\$62.18	10024220-56130	EXTERNAL SERVICES	\$62.18
	CM124765	PARTS & SERVICE REPAIRS AS NEE	(\$81.29)	10520210-56130	EXTERNAL SERVICES	(\$81.29)
	124725	PARTS & SERVICE REPAIRS AS NEE	\$37.68	10520210-56130	EXTERNAL SERVICES	\$37.68
	124732	PARTS & SERVICE REPAIRS AS NEE	\$43.35	10520210-56130	EXTERNAL SERVICES	\$43.35
	124998	PARTS & SERVICE REPAIRS AS NEE	\$75.02	10520210-56130	EXTERNAL SERVICES	\$75.02
	124765	PARTS & SERVICE REPAIRS AS NEE	\$549.90	10520210-56130	EXTERNAL SERVICES	\$549.90
	124818	PARTS & SERVICE REPAIRS AS NEE	\$17.30	82024411-56130	EXTERNAL SERVICES	\$17.30
	124940	PARTS & SERVICE REPAIRS AS NEE	\$38.71	82024411-56130	EXTERNAL SERVICES	\$38.71
	124952	PARTS & SERVICE REPAIRS AS NEE	\$51.14	82024411-56130	EXTERNAL SERVICES	\$51.14
	124931	PARTS & SERVICE REPAIRS AS NEE	\$110.91	82024411-56130	EXTERNAL SERVICES	\$110.91
	124938	PARTS & SERVICE REPAIRS AS NEE	\$460.60	82024411-56130	EXTERNAL SERVICES	\$460.60
Vendor Total:						\$1,447.77

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
SAGE SANGIACOMO	DV062917	REIMBURSEMENT	\$665.00	10012100-57100	CONFERENCE & TRAINING	\$665.00
					Vendor Total:	\$665.00
SANTA ROSA UNIFORM & CAREER APPAREL INC	12141	UNIFORM SUPPLIES	\$65.16	10520210-54100	SUPPLIES	\$65.16
	12240	UNIFORM SUPPLIES	\$144.24	10520210-54100	SUPPLIES	\$144.24
	12239	UNIFORM SUPPLIES	\$174.40	10520210-54100	SUPPLIES	\$174.40
	12395	UNIFORM SUPPLIES	\$300.39	10520210-54100	SUPPLIES	\$300.39
	1122060	UNIFORM SUPPLIES	\$543.13	10520210-54100	SUPPLIES	\$543.13
					Vendor Total:	\$1,227.32
SHANNON RILEY	TR 5/19-21/17	TRAVEL REIMBURSEMENT	\$688.80	75017110-57100	CONFERENCE & TRAINING	\$688.80
					Vendor Total:	\$688.80
SHARON WEDEGAERTNER	DV070517	INSTRUCTOR	\$1,923.60	10022850-52100	CONTRACTED SERVICES	\$1,923.60
					Vendor Total:	\$1,923.60
SLAM DUNK PIZZA	7/3/17	PIZZA FOR OFFICE/POOL	\$244.66	10022300-54100	SUPPLIES	\$29.38
				10022300-54100	SUPPLIES	\$32.52
				10022300-54100	SUPPLIES	\$48.78
				10022300-54100	SUPPLIES	\$48.78
				10022810-54100	SUPPLIES	\$85.20
					Vendor Total:	\$244.66
SNAP-ON INDUSTRIAL	ARV/33025758	GARAGE STOCK SUPPLIES	\$415.67	20324100-54100	SUPPLIES	\$415.67
					Vendor Total:	\$415.67

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
TELECOM	8837	TELEPHONE PRODUCTS & SERVICES	\$52.50	20922900-52100	CONTRACTED SERVICES	\$52.50
	8916	TELEPHONE PRODUCTS & SERVICES	\$52.50	20922900-52100	CONTRACTED SERVICES	\$52.50
	8873	TELEPHONE PRODUCTS & SERVICES	\$105.00	20922900-52100	CONTRACTED SERVICES	\$105.00
	8847	TELEPHONE PRODUCTS & SERVICES	\$939.07	20922900-52100	CONTRACTED SERVICES	\$939.07
Vendor Total: -----						\$1,149.07
TELSTAR INSTRUMENTS INC	89577	EQUIPMENT MAINT, REPAIR, AND R	\$2,698.20	82024411-52100	CONTRACTED SERVICES	\$2,698.20
	Vendor Total: -----					\$2,698.20
TGIF REPAIRS INC	5302	HR ALALYST PRINTER REPAIR	\$210.00	10016100-54164	HR - FORMS & OTHER DIV. EXP.	\$210.00
	Vendor Total: -----					\$210.00
TRACTOR SUPPLY CREDIT PLAN	195187	MISCELLANEOUS SUPPLIES AS NEED	\$36.28	10022100-59400	BAD DEBT EXPENSE	\$36.28
	341339	MISCELLANEOUS SUPPLIES AS NEED	\$18.79	90000000-23226	CONCERT SERIES	\$18.79
	226690	MISCELLANEOUS SUPPLIES AS NEED	\$30.07	20324100-56130	EXTERNAL SERVICES	\$30.07
	228624	MISCELLANEOUS SUPPLIES AS NEED	\$173.36	10024220-54120	PW - SPECIAL SUPPLIES	\$173.36
	342256	MISCELLANEOUS SUPPLIES AS NEED	\$54.17	10022300-54106	SPECIALTY SUPPLIES	\$54.17
	229143	MISCELLANEOUS SUPPLIES AS NEED	\$36.48	10022100-54100	SUPPLIES	\$36.48
	192896	MISCELLANEOUS SUPPLIES AS NEED	\$82.34	10022100-54100	SUPPLIES	\$82.34
	341239	MISCELLANEOUS SUPPLIES AS NEED	\$4.34	20824300-54100	SUPPLIES	\$4.34
	193266	MISCELLANEOUS SUPPLIES AS NEED	\$21.66	20824300-54100	SUPPLIES	\$21.66
Vendor Total: -----						\$457.49

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
TUFTS POLYGRAPH & INVESTIGATION	2017-305(B)	BACKGROUND INVESTIGATION	\$350.00	10016100-54161	HR - BACKGROUND & PHYSICALS	\$350.00
					Vendor Total:	\$350.00
UKIAH AUTO PARTS	3276	AUTO & MACHINE PARTS & MATERIA	\$149.00	20324100-57100	CONFERENCE & TRAINING	\$149.00
	001777	AUTO & MACHINE PARTS & MATERIA	\$5.95	82024411-56120	EQUIPMENT MAINTENANCE & REPAIR	\$5.95
	002555	AUTO & MACHINE PARTS & MATERIA	\$3.42	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$3.42
	CM063017	AUTO & MACHINE PARTS & MATERIA	(\$22.91)	20324100-56112	EQUIPMENT PARTS FOR RESALE	(\$22.91)
	003678	AUTO & MACHINE PARTS & MATERIA	(\$7.04)	20324100-56112	EQUIPMENT PARTS FOR RESALE	(\$7.04)
	003424	AUTO & MACHINE PARTS & MATERIA	\$7.48	10022100-56130	EXTERNAL SERVICES	\$7.48
	004305	AUTO & MACHINE PARTS & MATERIA	\$21.72	10022100-56130	EXTERNAL SERVICES	\$21.72
	001822	AUTO & MACHINE PARTS & MATERIA	\$25.66	10024220-56130	EXTERNAL SERVICES	\$25.66
	005205	AUTO & MACHINE PARTS & MATERIA	\$31.29	10024220-56130	EXTERNAL SERVICES	\$31.29
	002384	AUTO & MACHINE PARTS & MATERIA	\$9.00	10520210-56130	EXTERNAL SERVICES	\$9.00
	003485	AUTO & MACHINE PARTS & MATERIA	\$122.38	20822500-56130	EXTERNAL SERVICES	\$122.38
	003013	AUTO & MACHINE PARTS & MATERIA	\$14.37	80026400-56130	EXTERNAL SERVICES	\$14.37
	001648	AUTO & MACHINE PARTS & MATERIA	\$30.50	80026400-56130	EXTERNAL SERVICES	\$30.50
	004757	AUTO & MACHINE PARTS & MATERIA	\$22.68	82024411-56130	EXTERNAL SERVICES	\$22.68
	005219	AUTO & MACHINE PARTS & MATERIA	\$30.92	82024411-56130	EXTERNAL SERVICES	\$30.92
	005191	AUTO & MACHINE PARTS & MATERIA	\$111.70	82024411-56130	EXTERNAL SERVICES	\$111.70

List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
UKIAH AUTO PARTS	004751	AUTO & MACHINE PARTS & MATERIA	\$142.01	82024411-56130	EXTERNAL SERVICES	\$142.01
	004240	AUTO & MACHINE PARTS & MATERIA	\$23.03	84024425-56130	EXTERNAL SERVICES	\$23.03
	001776	AUTO & MACHINE PARTS & MATERIA	\$25.68	84024425-56130	EXTERNAL SERVICES	\$25.68
	001918	AUTO & MACHINE PARTS & MATERIA	\$48.75	84024425-56130	EXTERNAL SERVICES	\$48.75
	004162	AUTO & MACHINE PARTS & MATERIA	\$138.08	84024425-56130	EXTERNAL SERVICES	\$138.08
	003619	AUTO & MACHINE PARTS & MATERIA	\$12.96	20324100-54100	SUPPLIES	\$12.96
Vendor Total:						\$946.63
UKIAH TROPHIES & GIFTS	582464	TROPHY & MUG ENGRAVING	\$237.07	10022822-54100	SUPPLIES	\$237.07
	Vendor Total:					\$237.07
UKIAH VALLEY CULTURAL & RECREATIONAL CENTER	2	CAPITAL IMPROVEMENT CONTRIBUTION	\$10,000.00	31122870-52100	CONTRACTED SERVICES	\$10,000.00
	Vendor Total:					\$10,000.00
UNITED SITE SERVICES	114-5406876	PORTABLE TOILET RENTAL	\$136.32	80026330-52100	CONTRACTED SERVICES	\$136.32
	Vendor Total:					\$136.32
UPS	0000E19R5424 7	SHIPPING CHARGES	\$7.28	10023320-54101	POSTAGE	\$7.28
	0000E19R5421 7	SHIPPING CHARGES	\$173.72	10023320-54101	POSTAGE	\$7.31
				10023320-54101	POSTAGE	\$33.56
				80026120-54102	SMALL TOOLS	\$132.85
	0000E19R5423 7	SHIPPING CHARGES	\$187.16	10023320-54101	POSTAGE	\$170.34
				80026120-54102	SMALL TOOLS	\$16.82
Vendor Total:						\$368.16

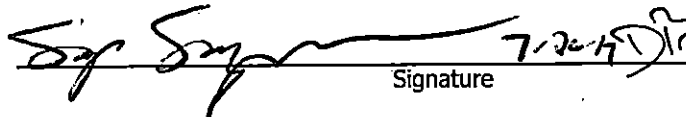
List of Checks Presented for Approval on 7/14/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
USA BLUEBOOK	295181	VALVE ASSEMBLY & INDICATOR SOLUTION	\$439.38	82024411-56120	EQUIPMENT MAINTENANCE & REPAIR	\$439.38
					Vendor Total:	\$439.38
WESCO DISTRIBUTION INC	250141	ELECTRIC INVENTORY STOCK	\$101.22	80000000-12104	INVENTORY - PURCHASES	\$101.22
	204557	ELECTRICAL EQUIPMENT AND SUPPL	\$526.12	80000000-12104	INVENTORY - PURCHASES	\$526.12
					Vendor Total:	\$627.34
WESTERN WATER CONSTRUCTORS INC	11	SPEC 16-02 SITE DEVELOPMENT WE	\$293,907.66	82224413-80230	INFRASTRUCTURE	\$96,619.16
				82224413-80230	INFRASTRUCTURE	\$197,288.50
					Vendor Total:	\$293,907.66
WIPF CONSTRUCTION	0156	DELIVERY OF VARIOUS MATERIALS	\$597.60	84024421-54100	SUPPLIES	\$597.60
					Vendor Total:	\$597.60
WYATT IRRIGATION CO	231973-00	PARTS & MISC SUPPLIES AS NEEDED	\$91.56	90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.43)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.43)
				10022100-54100	SUPPLIES	\$0.86
				10022100-54100	SUPPLIES	\$91.56
					Vendor Total:	\$91.56
					INVOICE TOTAL:	\$520,101.75

List of Checks Presented for Approval on 7/21/2017

The following list of bills payable was reviewed and approved for payment.


 Signature

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
AACTION RENTS	283877-2	EQUIPMENT & MACHINERY RENTAL A	\$500.00	84024425-52100	CONTRACTED SERVICES	\$500.00
					Vendor Total:	\$500.00
ACME RIGGING & SUPPLY CO	286232	MISC RENTAL & SUPPLIES AS NEED	\$20.20	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$0.11
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$20.20
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.11)
	286156	MISC RENTAL & SUPPLIES AS NEED	\$113.24	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.57)
				80026400-54100	SUPPLIES	\$0.57
				80026400-54100	SUPPLIES	\$113.24
	285672	MISC RENTAL & SUPPLIES AS NEED	\$175.79	90000000-23028	MEASURE Y DISTRICT TAX	(\$0.88)
				82024414-54100	SUPPLIES	\$0.88
				82024414-54100	SUPPLIES	\$175.79
					Vendor Total:	\$309.23
ADAMSON POLICE PRODUCTS	INV248644	PARTS AS NEEDED	\$736.42	20324100-58510	REIMBURSABLE JOBS	\$736.42
					Vendor Total:	\$736.42
AIR QUALITY MANAGEMENT DISTRICT	062017	AIR QUALITY PERMIT	\$373.75	77725200-52100	CONTRACTED SERVICES	\$373.75
					Vendor Total:	\$373.75

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
ALTEC INDUSTRIES INC	10776787	PARTS & MATERIALS AS NEEDED	\$102.53	80026400-56130	EXTERNAL SERVICES	\$102.53
	8179732	TRUCKS (INCLUDING, DIESEL, GAS	\$371,886.74	80100000-80100	MACHINERY & EQUIPMENT	\$371,886.74
	Vendor Total:					\$371,989.27
AMAZON CAPITAL SERVICES	02RT-447S-2HPS	20MI 2-WAY RADIOS	\$99.98	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.13)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.50)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.50)
				90000000-23013	STATE USE TAX LIABILITY	(\$7.25)
				10022840-54100	SUPPLIES	\$8.38
				10022840-54100	SUPPLIES	\$99.98
	0KKN-T50Y-1988	SPF LOTION-POOL	\$82.56	10022300-54100	SUPPLIES	\$82.56
	Vendor Total:					\$182.54
	ARGONAUT CONSTRUCTORS	6-070517	2016 SEWER & WATER REPLACEMENT	\$464,842.96	51024220-80230	INFRASTRUCTURE	$147,113.86
82224413-80230					INFRASTRUCTURE	\$218,340.04
84024421-80230					INFRASTRUCTURE	\$99,389.06
Vendor Total:					\$464,842.96	
AT&T	000009796889	TELEPHONE	\$5,020.75	10022100-52180	SECURITY SERVICES	\$225.28
				10010000-55100	TELEPHONE	\$40.81
				10011100-55100	TELEPHONE	\$21.60
				10012100-55100	TELEPHONE	\$80.83
				10012200-55100	TELEPHONE	\$55.51
				10013400-55100	TELEPHONE	\$51.88
				10014000-55100	TELEPHONE	\$20.94

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
AT&T	000009796889	TELEPHONE	\$5,020.75	10016100-55100	TELEPHONE	\$43.21
				10022100-55100	TELEPHONE	\$19.72
				10022300-55100	TELEPHONE	\$20.93
				10022810-55100	TELEPHONE	\$90.34
				10022840-55100	TELEPHONE	\$9.07
				10023100-55100	TELEPHONE	\$50.15
				10023320-55100	TELEPHONE	\$21.60
				10024210-55100	TELEPHONE	\$59.22
				10024220-55100	TELEPHONE	\$45.32
				10520210-55100	TELEPHONE	\$704.93
				10521210-55100	TELEPHONE	\$353.81
				20324100-55100	TELEPHONE	\$56.51
				20413500-55100	TELEPHONE	\$26.16
				20513300-55100	TELEPHONE	\$137.24
				20620231-55100	TELEPHONE	\$132.03
				20822500-55100	TELEPHONE	\$39.09
				20824300-55100	TELEPHONE	\$164.24
				20922900-55100	TELEPHONE	\$41.10
				64020213-55100	TELEPHONE	\$12.54
				69122700-55100	TELEPHONE	\$494.31
				70024500-55100	TELEPHONE	\$12.54
				72022400-55100	TELEPHONE	\$173.00
				73022600-55100	TELEPHONE	\$0.03

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
AT&T	000009796889	TELEPHONE	\$5,020.75	73022600-55100	TELEPHONE	\$359.18
				77725200-55100	TELEPHONE	\$115.84
				80026130-55100	TELEPHONE	\$222.00
				80026330-55100	TELEPHONE	\$200.12
				80026400-55100	TELEPHONE	\$221.94
				82024410-55100	TELEPHONE	\$89.72
				82024410-55100	TELEPHONE	\$222.69
				82024411-55100	TELEPHONE	\$65.04
				84024420-55100	TELEPHONE	\$43.51
				84024425-55100	TELEPHONE	\$276.77
	000009934215	TELEPHONE	\$5,148.11	10022100-52180	SECURITY SERVICES	\$225.31
				10010000-55100	TELEPHONE	\$40.88
				10011100-55100	TELEPHONE	\$21.63
				10012100-55100	TELEPHONE	\$80.90
				10012200-55100	TELEPHONE	\$55.59
				10013400-55100	TELEPHONE	\$51.93
				10014000-55100	TELEPHONE	\$21.35
				10016100-55100	TELEPHONE	\$43.25
				10022100-55100	TELEPHONE	\$19.72
				10022300-55100	TELEPHONE	\$21.13
				10022810-55100	TELEPHONE	\$91.08
				10022840-55100	TELEPHONE	\$9.08
				10023100-55100	TELEPHONE	\$50.19

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
AT&T	000009934215	TELEPHONE	\$5,148.11	10023320-55100	TELEPHONE	\$21.63
				10024210-55100	TELEPHONE	\$59.27
				10024220-55100	TELEPHONE	\$45.35
				10520210-55100	TELEPHONE	\$862.39
				10521210-55100	TELEPHONE	\$346.11
				20324100-55100	TELEPHONE	\$56.53
				20413500-55100	TELEPHONE	\$26.19
				20513300-55100	TELEPHONE	\$137.41
				20620231-55100	TELEPHONE	\$132.49
				20822500-55100	TELEPHONE	\$39.12
				20824300-55100	TELEPHONE	\$164.24
				20922900-55100	TELEPHONE	\$41.13
				64020213-55100	TELEPHONE	\$12.56
				69122700-55100	TELEPHONE	\$507.90
				70024500-55100	TELEPHONE	\$12.55
				72022400-55100	TELEPHONE	\$173.00
				73022600-55100	TELEPHONE	(\$0.26)
				73022600-55100	TELEPHONE	\$358.26
				77725200-55100	TELEPHONE	\$77.33
				80026130-55100	TELEPHONE	\$222.00
				80026330-55100	TELEPHONE	\$199.88
				80026400-55100	TELEPHONE	\$224.27
				82024410-55100	TELEPHONE	\$89.72

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
AT&T	000009934215	TELEPHONE	\$5,148.11	82024410-55100	TELEPHONE	\$222.77
				82024411-55100	TELEPHONE	\$66.48
				84024420-55100	TELEPHONE	\$43.56
				84024425-55100	TELEPHONE	\$274.19
	000009933817	T1 TO INTERNET	\$921.25	10011100-55100	TELEPHONE	\$8.77
				10012100-55100	TELEPHONE	\$35.10
				10012200-55100	TELEPHONE	\$26.32
				10013400-55100	TELEPHONE	\$39.48
				10016100-55100	TELEPHONE	\$17.55
				10017100-55100	TELEPHONE	\$8.77
				10022100-55100	TELEPHONE	\$4.39
				10022810-55100	TELEPHONE	\$26.32
				10023100-55100	TELEPHONE	\$35.10
				10023320-55100	TELEPHONE	\$8.77
				10024210-55100	TELEPHONE	\$35.10
				10024220-55100	TELEPHONE	\$8.77
				10520210-55100	TELEPHONE	\$219.35
				10521210-55100	TELEPHONE	\$96.51
				20413500-55100	TELEPHONE	\$8.77
				20513300-55100	TELEPHONE	\$83.35
				20620231-55100	TELEPHONE	\$26.32
				20922900-55100	TELEPHONE	\$35.10
				69122700-55100	TELEPHONE	\$26.32

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
AT&T	000009933817	T1 TO INTERNET	\$921.25	70024500-55100	TELEPHONE	\$8.77
				72022400-55100	TELEPHONE	\$4.39
				73022600-55100	TELEPHONE	\$8.77
				73022600-55100	TELEPHONE	\$17.55
				77725200-55100	TELEPHONE	\$17.55
				80026400-55100	TELEPHONE	\$61.42
				82024410-55100	TELEPHONE	\$26.32
				82024411-55100	TELEPHONE	\$17.55
				84024425-55100	TELEPHONE	\$8.77
				Vendor Total:		
						\$12,823.49
BELKORP AG	367759	PARTS AS NEEDED	\$29.03	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$29.03
				Vendor Total:		
						\$29.03
BNY WESTERN TRUST CO	DV062117	UKIAH RDA LOAN PRINCIPAL & INTEREST	\$274,925.00	96395602-70102	BOND INTEREST PAYMENTS	\$114,925.00
				96395602-70202	BOND PRINCIPAL PAYMENTS	\$160,000.00
				Vendor Total:		
						\$274,925.00
BRAD BOWERS	TA 8/13-26/17	TRAVEL ADVANCE	\$2,588.95	80026120-52100	CONTRACTED SERVICES	\$2,588.95
				Vendor Total:		
						\$2,588.95
CANTEEN SERVICE	5975:000794	WATER FILTRATION SERVICE POLIC	\$45.00	10020210-54100	SUPPLIES	\$22.50
				20620231-54100	SUPPLIES	\$22.50
				Vendor Total:		
						\$45.00

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
CAROL GOLDBERG	DV071317	INSTRUCTOR	\$168.00	10022850-52100	CONTRACTED SERVICES	\$168.00
					Vendor Total:	\$168.00
CDW GOVERNMENT INC	JLJ5842	PRINTING RIBBON	\$510.23	20513300-54100	SUPPLIES	\$510.23
					Vendor Total:	\$510.23
CHEVRON AND TEXACO BUSINESS CARD SVCS	50831978	FUEL AS NEEDED UPD	\$575.39	10520210-56210	FUEL & FLUIDS	\$575.39
					Vendor Total:	\$575.39
CITY OF LIGHT RECORDING & SOUND	COL.17.0313	SUNDAYS IN THE PARK 2017	\$400.00	90000000-23226	CONCERT SERIES	\$400.00
					Vendor Total:	\$400.00
CLOVER STORNETTA FARMS	100711685	PROVIDE MISC GOODS AS NEEDED	\$204.41	10022300-54100	SUPPLIES	\$204.41
	100717697	PROVIDE MISC GOODS AS NEEDED	\$207.86	10022300-54100	SUPPLIES	\$207.86
	100702076	PROVIDE MISC GOODS AS NEEDED	\$221.03	10022300-54100	SUPPLIES	\$221.03
	0100709080	PROVIDE MISC GOODS AS NEEDED	\$6.06	73022600-54100	SUPPLIES	\$6.06
					Vendor Total:	\$639.36
COMCAST	JULY 17	INTERNET SERVICES	\$149.16	31122870-52100	CONTRACTED SERVICES	\$149.16
	JULY 17.1	INTERNET SERVICES	\$164.47	73022600-55100	TELEPHONE	\$164.47
					Vendor Total:	\$313.63
COMMSYS INC	7491	CLIPS ANNUAL SUPPORT	\$227.50	20620231-52100	CONTRACTED SERVICES	\$227.50
	7489	CLIPS ANNUAL SUPPORT	\$774.00	20620231-52100	CONTRACTED SERVICES	\$774.00
	7488	CLIPS ANNUAL SUPPORT	\$4,200.00	20620231-52100	CONTRACTED SERVICES	\$4,200.00
					Vendor Total:	\$5,201.50

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
CROSSFIT MENDOCINO	CFM062017CITY	EDUCATIONAL/TRAINING SERVICES	\$333.33	10521210-57100	CONFERENCE & TRAINING	\$333.33
					Vendor Total:	\$333.33
DAVID RAPPORT	JUN-17	LEGAL SERVICES FOR FY 16/17	\$16,458.71	84424422-52100	CONTRACTED SERVICES	\$1,500.92
				91190100-52100	CONTRACTED SERVICES	\$61.68
				10014000-52150	LEGAL SERVICES/EXPENSES	\$40.96
				10014000-52150	LEGAL SERVICES/EXPENSES	\$12,199.25
				10514000-52150	LEGAL SERVICES/EXPENSES	\$334.88
				20414000-52150	LEGAL SERVICES/EXPENSES	\$574.35
				73000000-52150	LEGAL SERVICES/EXPENSES	\$828.77
				77714000-52150	LEGAL SERVICES/EXPENSES	\$57.82
				80014000-52150	LEGAL SERVICES/EXPENSES	\$171.05
				82014000-52150	LEGAL SERVICES/EXPENSES	\$534.84
				83024430-52150	LEGAL SERVICES/EXPENSES	\$154.19
					Vendor Total:	\$16,458.71
DAVID WILLOUGHBY	MAR 17	MILEAGE REIMBURSEMENT	\$83.46	10023320-56130	EXTERNAL SERVICES	\$83.46
	FEB 17	MILEAGE REIMBURSEMENT	\$92.56	10023320-56130	EXTERNAL SERVICES	\$92.56
	APR 17	MILEAGE REIMBURSEMENT	\$112.89	10023320-56130	EXTERNAL SERVICES	\$112.89
	JUN 17	MILEAGE REIMBURSEMENT	\$116.10	10023320-56130	EXTERNAL SERVICES	\$116.10
	MAY 17	MILEAGE REIMBURSEMENT	\$126.80	10023320-56130	EXTERNAL SERVICES	\$126.80
					Vendor Total:	\$531.81

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
DC CUSTOMS INC	183976	SEAT COVERS AND FLOOR LINERS	\$324.31	10520210-56130	EXTERNAL SERVICES	\$324.31
					Vendor Total:	\$324.31
DEPARTMENT OF JUSTICE	245922	CHEM TEST/SUPPORT CRIMINAL INV	\$70.00	10520210-52100	CONTRACTED SERVICES	\$70.00
	242051	FINGERPRINTING	\$1,316.00	10020000-44420	FINGERPRINT FEES	\$1,316.00
	242174	FINGERPRINTING/LIVESCAN REPORTS	\$128.00	10016100-54165	HR - NEW EMPLOYEE FINGERPRINT	\$128.00
					Vendor Total:	\$1,514.00
DISBURSEMENT UNIT	DV072117	INCOME WITHHOLDING ORDER	\$75.00	10000000-20150	AP CONTRACT RETAINAGE	\$75.00
					Vendor Total:	\$75.00
DIVERSIFIED METAL FABRICATORS INC	19411	PARK, PLAYGROUND, RECREATIONAL	\$4,545.00	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$4.83)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$19.35)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$19.35)
				10024220-54120	PW - SPECIAL SUPPLIES	\$324.11
				10024220-54120	PW - SPECIAL SUPPLIES	\$4,545.00
				90000000-23013	STATE USE TAX LIABILITY	(\$280.58)
					Vendor Total:	\$4,545.00
DOGFATHER K9 CONNECTIONS	10039	BOARDING	\$118.00	10020210-54100	SUPPLIES	\$118.00
					Vendor Total:	\$118.00
EBA ENGINEERING	31223	BID DOCUMENTS PREPARATION	\$1,028.75	20824300-52100	CONTRACTED SERVICES	\$1,028.75
					Vendor Total:	\$1,028.75

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
EPIC AVIATION LLC	6991175	AVGAS 100LL	\$29,932.30	77725200-58401	AVIATION FUEL	\$29,932.30
					Vendor Total:	\$29,932.30
EUREKA OXYGEN CO	00433084.1	SERVICE CHARGE PAST DUE INV.	\$2.04	10520210-56130	EXTERNAL SERVICES	\$2.04
	U 141604	EQUIPMENT MAINTENANCE	\$42.60	10520210-56130	EXTERNAL SERVICES	\$42.60
	437644	EQUIPMENT MAINTENANCE	\$129.00	10520210-56130	EXTERNAL SERVICES	\$129.00
					Vendor Total:	\$173.64
FASTENAL	CAUKA26765	PARTS AS NEEDED	\$434.43	84024425-56300	BUILDING MAINT. & REPAIR	\$434.43
	CAUKA26350	PARTS AS NEEDED	\$321.09	20824300-54100	SUPPLIES	\$321.09
					Vendor Total:	\$755.52
FIRST ALARM	326506.1	ALARM MONITORING	\$162.00	10020210-52180	SECURITY SERVICES	\$117.00
				20822500-52180	SECURITY SERVICES	\$45.00
					Vendor Total:	\$162.00
GALLS LLC	007764301	COP BODY ARMOR	\$76.75	10520210-56130	EXTERNAL SERVICES	\$76.75
					Vendor Total:	\$76.75
GCR TIRES & SERVICES	851-37890	TIRES, TUBES, REPAIRS & LABOR	\$20.00	10024220-56130	EXTERNAL SERVICES	\$20.00
	851-38143	TIRES	\$1,572.32	10024220-56130	EXTERNAL SERVICES	\$1,572.32
	851-37957	TIRES, TUBES, REPAIRS & LABOR	\$318.88	10520210-56130	EXTERNAL SERVICES	\$318.88
	851-37959	TIRES, TUBES, REPAIRS & LABOR	\$737.56	10520224-56130	EXTERNAL SERVICES	\$737.56
	851-37960	TIRES, TUBES, REPAIRS & LABOR	\$737.56	10520224-56130	EXTERNAL SERVICES	\$737.56

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
GCR TIRES & SERVICES	851-37949	TIRES, TUBES, REPAIRS & LABOR	\$20.00	20524412-56130	EXTERNAL SERVICES	\$20.00
	851-37984	TIRES, TUBES, REPAIRS & LABOR	\$734.03	82024411-56130	EXTERNAL SERVICES	\$734.03
					Vendor Total:	\$4,140.35
GENERAL SERVICES AGENCY	JULY 17	SPANISH MTN SUBLEASE MO RENT-N	\$50.00	20620231-52100	CONTRACTED SERVICES	\$50.00
					Vendor Total:	\$50.00
GEOFFREY L RICE	DV071217	SEWER LATERAL REIMBURSEMENT	\$2,000.00	84424422-52100	CONTRACTED SERVICES	\$2,000.00
					Vendor Total:	\$2,000.00
GHD INC	81551	TRANSPORTATION IMPROVEMENTS RE	\$33,633.00	25024210-80230	INFRASTRUCTURE	\$33,633.00
					Vendor Total:	\$33,633.00
GOVERNMENT FINANCE OFFICERS ASSOC	2854878	REGISTRATION	\$2,100.00	10013400-57100	CONFERENCE & TRAINING	\$2,100.00
					Vendor Total:	\$2,100.00
GRAFIX SHOPPE	115408	SUPPLIES FOR PD CARS	\$286.71	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.36)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$1.44)
				10520210-56130	EXTERNAL SERVICES	\$24.03
				10520210-56130	EXTERNAL SERVICES	\$286.71
				90000000-23028	MEASURE Y DISTRICT TAX	(\$1.44)
				90000000-23013	STATE USE TAX LIABILITY	(\$20.79)
					Vendor Total:	\$286.71
HACH COMPANY	10524491	SUPPLIES AS NEEDED	\$817.19	84024425-54100	SUPPLIES	\$817.19
					Vendor Total:	\$817.19

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
HAINES & COMPANY	432094	SUBSCRIPTION CRISS+CROSS DIRECTORY	\$267.76	20620231-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$267.76
					Vendor Total:	\$267.76
IIXII GROUP INC	2571 & 2572	REGISTRATION	\$198.00	20620231-57100	CONFERENCE & TRAINING	\$198.00
					Vendor Total:	\$198.00
INTEGRITY SHRED	71374	DOCUMENT SHREDDING	\$57.00	10020210-54100	SUPPLIES	\$28.50
				20620231-54100	SUPPLIES	\$28.50
					Vendor Total:	\$57.00
ITRON INC	452023	FC300, SREAD RADIO FC300113342	\$1,173.03	20524412-56120	EQUIPMENT MAINTENANCE & REPAIR	\$586.50
				20526430-56120	EQUIPMENT MAINTENANCE & REPAIR	\$586.53
					Vendor Total:	\$1,173.03
JULIE WEBB	DV071317	REIMBURSEMENT	\$33.61	90000000-23243	FAMILY FUN IN THE SUN	\$33.61
					Vendor Total:	\$33.61
LES SCHWAB TIRE CENTER	64000308346	MISCELLANEOUS TIRE SERVICES AS	\$79.95	10520210-56130	EXTERNAL SERVICES	\$79.95
	64000309897	MISCELLANEOUS TIRE SERVICES AS	\$79.95	20324100-56130	EXTERNAL SERVICES	\$79.95
	64000309874	MISCELLANEOUS TIRE SERVICES AS	\$577.36	77725200-56130	EXTERNAL SERVICES	\$577.36
	64000308511	MISCELLANEOUS TIRE SERVICES AS	\$761.99	84024421-56130	EXTERNAL SERVICES	\$761.99
					Vendor Total:	\$1,499.25
LEXIS NEXIS RISK SOLUTIONS	1410964-20170531.1	LEXIS NEXIS LE PLUS SEARCHING	\$94.00	10520210-54202	MAJOR CRIME INVESTIGATIONS	\$94.00
	1410964-20170630	LEXIS NEXIS LE PLUS SEARCHING	\$95.00	10520210-54202	MAJOR CRIME INVESTIGATIONS	\$95.00
					Vendor Total:	\$189.00

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
LOUIS MALDONADO SR	DV062917	17/18 DEFENSIVE TACTICAL TRAIN	\$2,600.00	10020210-57100	CONFERENCE & TRAINING	\$2,600.00
					Vendor Total:	\$2,600.00
MASSEY SMALL ENGINE REPAIR	SF-D 20545	REPAIR OF EQUIPMENT	\$80.45	84024425-52100	CONTRACTED SERVICES	\$80.45
					Vendor Total:	\$80.45
MATHESON TRI-GAS INC	15710175	OXYGEN & MISCELLANEOUS AS NEED	\$28.85	80026130-54100	SUPPLIES	\$28.85
	15530843	OXYGEN & MISCELLANEOUS AS NEED	\$29.60	80026130-54100	SUPPLIES	\$29.60
					Vendor Total:	\$58.45
MENDOCINO ANIMAL HOSPITAL	DV071217	ENERGY REBATE FOR HVAC	\$4,000.00	80626500-52135	ENERGY CONSERVATION PROGRAM	\$4,000.00
					Vendor Total:	\$4,000.00
MENDOCINO SOLID WASTE MANAGEMENT AUTHORITY	10648	DISPOSAL FEES	\$27.50	84024425-59101	FEES	\$27.50
					Vendor Total:	\$27.50
MUNICIPAL MAINTENANCE EQUIPMENT	0120055-IN	MISCELLANEOUS PARTS AS NEEDED	\$351.46	90000000-23028	MEASURE Y DISTRICT TAX	(\$1.63)
				84024421-54100	SUPPLIES	\$1.63
				84024421-54100	SUPPLIES	\$351.46
					Vendor Total:	\$351.46
NATHANIEL HAYES	DV071317	INSTRUCTOR	\$150.00	10022850-52100	CONTRACTED SERVICES	\$150.00
					Vendor Total:	\$150.00
NCPA	JULY 17	NCPA- JULY 17	\$602,303.00	80026300-58104	NCPA MANAGEMENT SERVICES	\$52,242.00
				80026300-58101	NCPA PLANT GENERATION	\$118,258.00
				80026300-58102	NCPA POWER PURCHASES	\$278,024.00

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
NCPA	JULY 17	NCPA- JULY 17	\$602,303.00	80026300-58105	NCPA THIRD PARTY SALES	(\$3,368.00)
				80026300-58103	NCPA TRANSMISSION	\$157,147.00
					Vendor Total:	\$602,303.00
NOR-CAL RECYCLED ROCK & AGGREGATES INC.	13365	MISC ROCK & ROAD PATCH MATERIA	\$592.17	10024220-54124	PW - CONCRETE/SUPPLIES	\$592.17
					Vendor Total:	\$592.17
OCCU-MED LTD	0717511	PRE-EMPLOYMENT PHYSICAL	\$499.00	10520210-52100	CONTRACTED SERVICES	\$499.00
					Vendor Total:	\$499.00
ONE TIME PAY VENDOR	116478-9	UTILITY REBATE	\$50.00	80626400-52100	CONTRACTED SERVICES	\$50.00
	117693-2	UTILITY REBATE	\$100.00	80626400-52100	CONTRACTED SERVICES	\$100.00
	49697-6 16/17	UTILITY REBATE	\$100.00	80626400-52100	CONTRACTED SERVICES	\$100.00
	47868-5	UTILITY REBATE	\$340.00	80626400-52100	CONTRACTED SERVICES	\$340.00
	46610-2	UTILITY REBATE	\$1,000.00	80626400-52100	CONTRACTED SERVICES	\$1,000.00
	116395-5	UTILITY REBATE	\$1,287.25	80626400-52100	CONTRACTED SERVICES	\$1,287.25
	63427-9	UTILITY REBATE	\$1,462.00	80626400-52100	CONTRACTED SERVICES	\$1,462.00
	DV071217	SOLAR REBATE	\$699.16	80626500-52136	PHOTOVOLTAIC RATES/INCENTIVE	\$699.16
	DV 71317	REIMBURSEMENT POOL RENTAL DEPOSIT	\$25.00	10022300-44910	SWIMMING POOL	\$25.00
	117410-1	UTILITY REFUND	\$30.29	90100000-10421	UTILITY RECEIVABLES CLEARING	\$30.29
	117526-4	UTILITY REFUND	\$42.37	90100000-10421	UTILITY RECEIVABLES CLEARING	\$42.37

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
ONE TIME PAY VENDOR	52865-3	UTILITY REFUND	\$82.81	90100000-10421	UTILITY RECEIVABLES CLEARING	\$82.81
					Vendor Total:	\$5,218.88
OPPERMAN & SON INC	1271790013	MISCELLANEOUS PARTS AS NEEDED	\$6.08	10022100-56130	EXTERNAL SERVICES	\$6.08
	1271660012	MISCELLANEOUS PARTS AS NEEDED	\$17.51	10022100-56130	EXTERNAL SERVICES	\$17.51
	1271590013	MISCELLANEOUS PARTS AS NEEDED	\$59.04	10520210-56130	EXTERNAL SERVICES	\$19.67
				20324100-58510	REIMBURSABLE JOBS	\$39.37
	1271710068	MISCELLANEOUS PARTS AS NEEDED	\$10.51	84024425-56130	EXTERNAL SERVICES	\$10.51
	1271530009	MISCELLANEOUS PARTS AS NEEDED	\$214.27	84024425-56130	EXTERNAL SERVICES	\$214.27
					Vendor Total:	\$307.41
OREGONIAN MEDIA GROUP	0002029025	JOB POSTING	\$822.39	80026400-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$822.39
					Vendor Total:	\$822.39
OWEN EQUIPMENT COMPANY	CM00038821	SWITCH	(\$165.54)	84024421-56130	EXTERNAL SERVICES	(\$165.54)
	00038866	LEVER HANDLE	\$116.76	84024421-56130	EXTERNAL SERVICES	\$116.76
	00038821	SWITCH	\$165.54	84024421-56130	EXTERNAL SERVICES	\$165.54
					Vendor Total:	\$116.76
PERKOWSKI SCREEN PRINT	15017	UNIFORM EXPENSES	\$839.99	84024425-54100	SUPPLIES	\$839.99
					Vendor Total:	\$839.99
PETERSON CAT	PC060138791	MOUNTS & BOLTS	\$2,124.32	10521210-56130	EXTERNAL SERVICES	\$2,124.32
					Vendor Total:	\$2,124.32

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
PLATT ELECTRIC SUPPLY	N254687	MISC ELECTRICAL SUPPLIES AS NE	\$384.60	80026120-54100	SUPPLIES	\$384.60
					Vendor Total:	\$384.60
POWER INDUSTRIES INC	733127	23220 1-5/8 R&R LOVEJOY PULLEY	\$1,114.53	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1,114.53
					Vendor Total:	\$1,114.53
PUBLIC ENGINES INC	24783	COMMAND CENTRAL ANALYTICS & CR	\$4,776.00	63020210-52100	CONTRACTED SERVICES	\$4,776.00
					Vendor Total:	\$4,776.00
PUBLIC SERVICE DEPARTMENT	JUNE-17	UTILITIES	\$109,926.42	80626500-52133	MONTHLY DISCOUNT PROGRAM	\$147.76
				10012400-55210	UTILITIES	\$309.92
				10022100-55210	UTILITIES	\$20,600.61
				10022300-55210	UTILITIES	\$2,318.89
				10024214-55210	UTILITIES	\$599.60
				10024220-55210	UTILITIES	\$146.66
				20620231-55210	UTILITIES	\$78.07
				20822500-55210	UTILITIES	\$8,063.91
				20824300-55210	UTILITIES	\$284.11
				25024300-55210	UTILITIES	\$30.72
				64020213-55210	UTILITIES	\$613.42
				69122700-55210	UTILITIES	\$3,695.72
				73022600-55210	UTILITIES	\$2,698.15
				77725200-55210	UTILITIES	\$2,306.18
				80026400-55210	UTILITIES	\$1,513.43
				80526610-55210	UTILITIES	\$12,240.29

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
PUBLIC SERVICE DEPARTMENT	JUNE-17	UTILITIES	\$109,926.42	82024411-55210	UTILITIES	\$31,413.36
				84024421-55210	UTILITIES	\$41.42
				84024425-55210	UTILITIES	\$22,824.20
				Vendor Total:		\$109,926.42
REDDING RECORD SEARCHLIGHT	1635620	JOB POSTING	\$307.90	80026400-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$307.90
				Vendor Total:		\$307.90
REDWOOD COAST FUELS	1853348	CARDLOCK FUEL PURCHASES	\$7,096.41	10022100-56210	FUEL & FLUIDS	\$1,058.65
				10024210-56210	FUEL & FLUIDS	\$21.99
				10024220-56210	FUEL & FLUIDS	\$784.81
				10520210-56210	FUEL & FLUIDS	\$36.15
				10520210-56210	FUEL & FLUIDS	\$235.10
				10520210-56210	FUEL & FLUIDS	\$2,428.91
				10520224-56210	FUEL & FLUIDS	\$33.14
				20324100-56210	FUEL & FLUIDS	\$137.33
				20524412-56210	FUEL & FLUIDS	\$28.63
				20822500-56210	FUEL & FLUIDS	\$28.76
				77725200-56210	FUEL & FLUIDS	\$53.05
				80026400-56210	FUEL & FLUIDS	\$894.43
				82024411-56210	FUEL & FLUIDS	\$235.69
				82024414-56210	FUEL & FLUIDS	\$21.99
				82024414-56210	FUEL & FLUIDS	\$223.85
				82024414-56210	FUEL & FLUIDS	\$327.43

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
REDWOOD COAST FUELS	1853348	CARDLOCK FUEL PURCHASES	\$7,096.41	84024421-56210	FUEL & FLUIDS	\$21.99
				84024421-56210	FUEL & FLUIDS	\$190.69
				84024421-56210	FUEL & FLUIDS	\$278.93
				84024425-56210	FUEL & FLUIDS	\$54.89
				Vendor Total:		\$7,096.41
REDWOOD FORD	PO 44594	Automobiles, Police and Securi	\$40,385.76	22020200-80100	MACHINERY & EQUIPMENT	\$40,385.76
					Vendor Total:		$40,385.76
RICHARD SEANOR	TR 7/11/17	TRAVEL REIMBURSEMENT	\$15.00	10024224-57100	CONFERENCE & TRAINING	\$15.00
					Vendor Total:		$15.00
ROSETTA STONE LTD	9290205	ROSETTA STONE FOUNDATIONS (GOL	\$1,804.04	10020210-54320	SOFTWARE	\$1,804.04
					Vendor Total:		$1,804.04
RYAN FORD	TA 8/6-11/17	TRAVEL ADVANCE	\$664.55	20922900-57100	CONFERENCE & TRAINING	\$664.55
					Vendor Total:		$664.55
S'WINE COUNTRY BBQ & GOURMET GRILL	537	2017 SUNDAYS IN THE PARK MEAL	\$80.00	90000000-23226	CONCERT SERIES	\$80.00
					Vendor Total:		$80.00
SEISMONOS INC	10031	2017 SUNDAYS IN THE PARK	\$800.00	90000000-23226	CONCERT SERIES	\$800.00
	DV 032417	2017 SUNDAYS IN THE PARK	\$5,000.00	90000000-23226	CONCERT SERIES	\$5,000.00
	Vendor Total:		\$5,800.00			
SHAPE INC	123163	PLUMBING EQUIPMENT, FIXTURES,	\$921.00	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$921.00

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
SHAPE INC	123162	PLUMBING EQUIPMENT, FIXTURES,	\$2,574.69	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$2,574.69
					Vendor Total:	\$3,495.69
SILVA SEPTIC INC	68602	PORTABLE RESTROOM RENTAL	\$184.24	10024220-54120	PW - SPECIAL SUPPLIES	\$184.24
	68211	PORTABLE RESTROOM RENTAL	\$187.64	10024220-54120	PW - SPECIAL SUPPLIES	\$187.64
					Vendor Total:	\$371.88
SNAP-ON INDUSTRIAL	ARV/33080512	DDEC SUITE 6, 10, 13 V2 ULTRA	\$1,484.37	20324100-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1,484.37
	ARV/33045179	FUNNEL & CONE ADAPTOR	\$45.21	20324100-54100	SUPPLIES	\$45.21
	ARV/33056013	BUSH DR SET	\$650.27	20324100-54100	SUPPLIES	\$650.27
					Vendor Total:	\$2,179.85
STAPLES CREDIT PLAN	3345338461	OFFICE SUPPLIES, MISC AS NEEDED	\$68.76	10012200-54100	SUPPLIES	\$43.41
				10013400-54100	SUPPLIES	\$25.35
	3345338464	OFFICE SUPPLIES, MISC AS NEEDED	\$42.13	10013400-54100	SUPPLIES	\$21.06
				20413500-54100	SUPPLIES	\$21.07
	3345338460	OFFICE SUPPLIES, MISC AS NEEDED	\$73.14	10022810-54100	SUPPLIES	\$73.14
	3345338462	OFFICE SUPPLIES, MISC AS NEEDED	\$100.99	10022810-54100	SUPPLIES	\$100.99
	3345338459	OFFICE SUPPLIES, MISC AS NEEDED	\$48.77	20413500-54100	SUPPLIES	\$48.77
	3345338458	OFFICE SUPPLIES, MISC AS NEEDED	\$109.63	20413500-54100	SUPPLIES	\$109.63
					Vendor Total:	\$443.42
SWANK MOTION PICTURES INC	DB 2361765	2017 MOONLIGHT MOVIE MADNESS	\$515.00	90000000-23235	MOVIES IN THE PLAZA	\$515.00
					Vendor Total:	\$515.00

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
THOMAS & ASSOCIATES	29593	ROTATING ASSY MODEL T4A3S- B S	\$3,146.55	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$3,146.55
					Vendor Total:	\$3,146.55
THURSTON CHEVROLET TOYOTA SCION	200272	PARTS & SERVICE REPAIRS AS NEE	\$14.21	10520210-56130	EXTERNAL SERVICES	\$14.21
	200271	PARTS & SERVICE REPAIRS AS NEE	\$100.48	10520210-56130	EXTERNAL SERVICES	\$100.48
	200317	PARTS & SERVICE REPAIRS AS NEE	\$68.63	10520224-56130	EXTERNAL SERVICES	\$68.63
	200071	PARTS & SERVICE REPAIRS AS NEE	\$3.29	82024412-56130	EXTERNAL SERVICES	\$3.29
	200064	PARTS & SERVICE REPAIRS AS NEE	\$116.08	82024412-56130	EXTERNAL SERVICES	\$116.08
					Vendor Total:	\$302.69
THURSTON CHRYSLER DODGE JEEP RAM	PO 44774	AUTOMOBILES, SCHOOL BUSES, SUV	\$30,646.10	20822500-80100	MACHINERY & EQUIPMENT	\$30,646.10
					Vendor Total:	\$30,646.10
TRITECH SOFTWARE SYSTEMS	VA0000000109	ANNUAL SOFTWARE & SUPPORT FOR	\$38,912.03	10020210-54320	SOFTWARE	\$16,659.80
				20620231-54320	SOFTWARE	\$22,252.23
					Vendor Total:	\$38,912.03
TUFTS POLYGRAPH & INVESTIGATION	2017-327(B)	BACKGROUND INVESTIGATION	\$350.00	91521400-54100	SUPPLIES	\$350.00
					Vendor Total:	\$350.00
UKIAH AUTO DISMANTLERS	17-1366	TOWING SERVICES	\$25.00	10520220-52100	CONTRACTED SERVICES	\$25.00
					Vendor Total:	\$25.00
UKIAH MAIN STREET PROGRAM	DV071017	2ND QTR DOWNTOWN IMPROVEMENT DISTRICT FEES	\$5,285.52	31217100-52100	CONTRACTED SERVICES	\$5,285.52
					Vendor Total:	\$5,285.52

List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
UKIAH SELF STORAGE	17/18-16337	ANNUAL STORAGE FOR 3 UNITS 102	\$4,524.00	10021210-54100	SUPPLIES	\$2,262.00
				91521400-54100	SUPPLIES	\$2,262.00
				Vendor Total:		\$4,524.00
UKIAH VALLEY ASSOCIATION FOR HABILITATION INC	IN19431	JANITORIAL SVCS-WWTP FY 16/17	\$800.00	84024425-52100	CONTRACTED SERVICES	\$800.00
				Vendor Total:		\$800.00
UKIAH VALLEY CULTURAL & RECREATIONAL CENTER	.2	CAPITAL IMPROVEMENT CONTRIBUTION	\$10,000.00	31122870-52100	CONTRACTED SERVICES	\$10,000.00
				Vendor Total:		\$10,000.00
UKIAH WASTE SOLUTIONS INC	053117	REFRIG RECYCLE PROGRM- AGMNT OF	\$50.00	80626500-52135	ENERGY CONSERVATION PROGRAM	\$50.00
	JUNE	CLEAN UP TRAINING GROUNDS	\$14.38	10521210-54100	SUPPLIES	\$14.38
				Vendor Total:		\$64.38
ULINE	88405942	EVIDENCE BAGS	\$72.40	10020210-54201	PRISONER EXPENSE	\$72.40
				Vendor Total:		\$72.40
US BANK	4679145	ELEC SERIES 92 TRUSTEE & PAYING	\$1,787.50	80326330-52500	TRUSTEE FEES	\$1,787.50
				Vendor Total:		\$1,787.50
UTILITY DESIGN SERVICES LLC	38	DESIGN, ENGINEERING & CONSULTAN	\$6,889.05	80026400-52100	CONTRACTED SERVICES	\$6,889.05
				Vendor Total:		\$6,889.05
WESTERN WATER CONSTRUCTORS INC	50954	Contract 1516202 retainage 07/14/2017 to	\$14,695.39	82200000-20150	AP CONTRACT RETAINAGE	\$4,830.96
				82200000-20150	AP CONTRACT RETAINAGE	\$9,864.43
				Vendor Total:		\$14,695.39

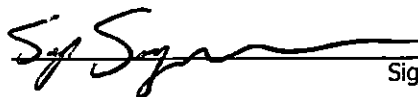
List of Checks Presented for Approval on 7/21/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
WIPF CONSTRUCTION	0320	DELIVERY OF VARIOUS MATERIALS	\$547.80	84024421-54100	SUPPLIES	\$547.80
Vendor Total:						\$547.80
INVOICE TOTAL:						\$2,157,129.01

List of Checks Presented for Approval on 7/28/2017

The following list of bills payable was reviewed and approved for payment.

 7-28-17
Signature

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
AFLAC	177295	CANCER/LIFE/ACC INS	\$6,846.92	20700000-20527	SECTION 125 (CANCER & LIFE)	\$6,846.92
					Vendor Total:	\$6,846.92
AFLAC GROUP INSURANCE	A086961100	JULY 2017 AFLAC CRITICAL CARE INS	\$515.72	20700000-20538	AFLAC CRITICAL ILLNESS POLICY	\$515.72
					Vendor Total:	\$515.72
ALLEN JAMES	DV071817	INSTRUCTOR	\$112.00	10022850-52100	CONTRACTED SERVICES	\$112.00
					Vendor Total:	\$112.00
ALPINE AWARDS	5519411	CAMP T-SHIRTS	\$234.56	10022840-54100	SUPPLIES	\$234.56
	5519412	T-SHIRTS	\$770.80	10022840-54100	SUPPLIES	\$770.80
					Vendor Total:	\$1,005.36
ALSCO-AMERICAN LINEN DIVISION	LSRO1000089	LAUNDRY SERVICE	\$248.58	20324100-52100	CONTRACTED SERVICES	\$248.58
					Vendor Total:	\$248.58
AMAZON CAPITAL SERVICES	0P5C-6YV3-KQQY	MISCELLANEOUS SUPPLIES AS NEED	\$49.98	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.07)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.25)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.25)
				90000000-23013	STATE USE TAX LIABILITY	(\$3.63)
				10022810-54100	SUPPLIES	\$4.20

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
AMAZON CAPITAL SERVICES	0P5C-6YV3-KQQY	MISCELLANEOUS SUPPLIES AS NEED	\$49.98	10022810-54100	SUPPLIES	\$49.98
	05YB-RVJ8-Q3TF	MISCELLANEOUS SUPPLIES AS NEED	\$820.78	90000000-23028	MEASURE Y DISTRICT TAX	(\$2.85)
				10022810-54100	SUPPLIES	\$2.85
				10022810-54100	SUPPLIES	\$820.78
	0TJS-TQBQ-98KD	MISCELLANEOUS SUPPLIES AS NEED	\$33.01	10013400-54100	SUPPLIES	\$33.01
	0TJS-TQBQ-GCMT	ELECTRICAL EQUIPMENT AND SUPPL	\$357.27	80026220-54100	SUPPLIES	\$357.27
Vendor Total:						\$1,261.04
AT&T	0602 187958	LIVESCAN	\$1,068.74	10020210-55100	TELEPHONE	\$1,068.74
	JULY17	CREDIT CARD TERMINAL CONNECTION	\$257.37	77725200-55100	TELEPHONE	\$257.37
Vendor Total:						\$1,326.11
AT&T MOBILITY	832118877X071 42017	DATA & VOICE	\$191.95	10022300-55100	TELEPHONE	\$50.01
				20620231-55100	TELEPHONE	\$12.99
				77725200-55100	TELEPHONE	\$30.66
				82024410-55100	TELEPHONE	\$12.99
				82024411-55100	TELEPHONE	\$16.12
				82024411-55100	TELEPHONE	\$43.20
				84024421-55100	TELEPHONE	\$25.98
	832056361X071 42017	VOICE & DATA	\$501.51	10520210-55100	TELEPHONE	\$501.51
	875108535X071 42017	VOICE & DATA	\$34.55	84024421-55100	TELEPHONE	\$34.55
	Vendor Total:					\$728.01

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
BAVCO	814491	TESTING AND CALIBRATION SVC	\$139.80	82024414-54100	SUPPLIES	\$139.80
					Vendor Total:	\$139.80
BAY CITY BOILER & ENGINEERING CO INC	30705	INSTALLATION AND REMOVAL OF RE	\$3,793.13	84024425-52100	CONTRACTED SERVICES	\$3,793.13
					Vendor Total:	\$3,793.13
BEN KEFFELER	TA 8/6-11/17	TRAVEL ADVANCE	\$1,415.33	80026120-57100	CONFERENCE & TRAINING	\$1,415.33
					Vendor Total:	\$1,415.33
BEST BEST & KRIEGER LLP	798741	RDA LEGAL SERVICES AS NEEDED	\$101.40	96995669-52100	CONTRACTED SERVICES	\$101.40
					Vendor Total:	\$101.40
BJ'S EMBROIDERY	12519	T-SHIRTS & HATS	\$749.58	90000000-23237	DISTRICT USE TAX-MEASURE S	(\$3.49)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$3.49)
				10024210-54100	SUPPLIES	\$2.35
				10024210-54100	SUPPLIES	\$252.71
				20324100-54100	SUPPLIES	\$2.35
				20324100-54100	SUPPLIES	\$252.71
				82024410-54100	SUPPLIES	\$1.14
				82024410-54100	SUPPLIES	\$122.08
				84024420-54100	SUPPLIES	\$1.14
				84024420-54100	SUPPLIES	\$122.08
					Vendor Total:	\$749.58
BOUTIN JONES INC	103249	LEGAL RETAINER FOR UVSD LITIGA	\$1,238.64	84424422-52100	CONTRACTED SERVICES	\$1,238.64
					Vendor Total:	\$1,238.64

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
BUCKLES SMITH ELECTRIC CO	3044676-00	ELECTRICAL EQUIPMENT AND SUPPLIES	\$442.40	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1.50
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$442.40
				90000000-23028	MEASURE Y DISTRICT TAX	(\$1.50)
				Vendor Total:		\$442.40
BUSINESS CARD	SF-D 20138	PURCHASING CREDIT CARD, MISC.	\$151.06	10018000-52510	ADVERTISING & PROMOTION	\$151.06
	93498033	ECONOMIC DEVELOPMENT CREDIT CA	\$29.00	75017110-52515	ADVERTISING & PUBLICATION	\$29.00
	IN1048864	HR/RISK MGMT CREDIT CARD, MISC	\$400.00	10016100-52151	AFLAC & PERS INSUR ADMIN FEES	\$400.00
	JB2KGZ	FINANCE CREDIT CARD, MISC. PUR	\$794.82	10013400-57100	CONFERENCE & TRAINING	\$794.82
	61817	POLICE CREDIT CARD, MISC. PURC	\$24.00	10520210-57100	CONFERENCE & TRAINING	\$24.00
	SF-D 20630	PURCHASING CREDIT CARD, MISC.	\$845.75	20413500-57100	CONFERENCE & TRAINING	\$845.75
	128475	FINANCE CREDIT CARD, MISC. PUR	\$429.00	20513380-57100	CONFERENCE & TRAINING	\$429.00
	SF-D20725	PURCHASING CREDIT CARD, MISC.	\$35.77	80026110-57100	CONFERENCE & TRAINING	\$35.77
	SF-D 20731	PURCHASING CREDIT CARD, MISC.	\$126.00	80026110-57100	CONFERENCE & TRAINING	\$126.00
	SF-D 20725	PURCHASING CREDIT CARD, MISC.	\$550.37	80026110-57100	CONFERENCE & TRAINING	\$550.37
	8681	HR/RISK MGMT CREDIT CARD, MISC	\$80.83	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.11)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.41)
				10016100-54163	HR - INTERVIEW SUPPLIES	\$6.79
				10016100-54163	HR - INTERVIEW SUPPLIES	\$80.83
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.41)
				90000000-23013	STATE USE TAX LIABILITY	(\$5.86)

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
BUSINESS CARD	25418511	CITY MGR DEPARTMENT CREDIT CAR	\$81.46	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.09)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.34)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.34)
				90000000-23013	STATE USE TAX LIABILITY	(\$4.87)
				10010000-54100	SUPPLIES	\$5.64
				10010000-54100	SUPPLIES	\$81.46
	SF-D 20678	PURCHASING CREDIT CARD, MISC.	\$155.61	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.20)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.77)
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$12.84
				84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$155.61
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.77)
				90000000-23013	STATE USE TAX LIABILITY	(\$11.10)
	SF-D 20693	PURCHASING CREDIT CARD, MISC.	\$171.56	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.20)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.80)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.80)
				10022300-54100	SUPPLIES	\$1.80
				10022300-54100	SUPPLIES	\$171.56
	SF-D20723	PURCHASING CREDIT CARD, MISC.	\$186.40	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.20)
				80026400-56130	EXTERNAL SERVICES	\$0.20
				80026400-56130	EXTERNAL SERVICES	\$186.40
	SF-D 20723	PURCHASING CREDIT CARD, MISC.	\$204.52	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.22)
				80026400-56130	EXTERNAL SERVICES	\$0.22

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
BUSINESS CARD	SF-D 20723	PURCHASING CREDIT CARD, MISC.	\$204.52	80026400-56130	EXTERNAL SERVICES	\$204.52
	SF-D 20691	PURCHASING CREDIT CARD, MISC.	\$299.70	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.38)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$1.50)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$1.50)
				90000000-23013	STATE USE TAX LIABILITY	(\$21.73)
				10022300-54100	SUPPLIES	\$25.11
				10022300-54100	SUPPLIES	\$299.70
	PC4415.17	PURCHASING CREDIT CARD, MISC.	\$42.84	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$42.84
	SF-D 20685	PURCHASING CREDIT CARD, MISC.	\$131.00	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$131.00
	P29900	PURCHASING CREDIT CARD, MISC.	\$203.16	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$203.16
	SF-D 20626	PURCHASING CREDIT CARD, MISC.	\$363.21	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$363.21
	54630798	FINANCE CREDIT CARD, MISC. PUR	\$130.00	10013400-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$130.00
	54630799	FINANCE CREDIT CARD, MISC. PUR	\$455.00	10013400-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$455.00
	0005968610-01	HR/RISK MGMT CREDIT CARD, MISC	\$496.50	80026400-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$496.50
	26069	CITY MGR DEPARTMENT CREDIT CAR	\$99.29	10010000-54100	SUPPLIES	\$99.29
	SF-D 20583	POLICE CREDIT CARD, MISC. PURC	\$26.00	10020210-54100	SUPPLIES	\$26.00
	SF-D20691	PURCHASING CREDIT CARD, MISC.	\$23.92	10022300-54100	SUPPLIES	\$23.92
	51314843	POLICE CREDIT CARD, MISC. PURC	\$25.00	10520210-54100	SUPPLIES	\$25.00
	109913	POLICE CREDIT CARD, MISC. PURC	\$46.49	10520210-54100	SUPPLIES	\$46.49
	61317	POLICE CREDIT CARD, MISC. PURC	\$58.75	10520210-54100	SUPPLIES	\$58.75

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
BUSINESS CARD	20137	POLICE CREDIT CARD, MISC. PURC	\$24.95	63020210-54100	SUPPLIES	\$24.95
	SF-D 20579	POLICE CREDIT CARD, MISC. PURC	\$175.05	63020210-54100	SUPPLIES	\$175.05
	369871	PURCHASING CREDIT CARD, MISC.	(\$428.92)	82024411-54100	SUPPLIES	(\$428.92)
	Vendor Total:					\$6,438.09
CA BUILDING STANDARDS COMMISSION	APRIL - JUNE 2017	QUARTERLY BSA REPORT	\$139.00	90000000-23027	BUILDING STDS ADMIN SPEC FD	\$155.00
				10000000-48110	MISCELLANEOUS RECEIPTS	(\$16.00)
				Vendor Total:					$139.00
CA DIVISION OF THE STATE ARCHITECT	APRIL - JUNE 2017	DISABILITY ACCESS & EDUCATION FEE	\$115.20	90000000-23012	STATE \$1 BUS. LIC. SET ASIDE	(\$268.80)
				90000000-23002	STATE \$1 BUSINESS LICENSE FEE	\$384.00
				Vendor Total:					$115.20
CAJPA	200002499	REGISTRATION	\$300.00	10016100-57100	CONFERENCE & TRAINING	\$300.00
					Vendor Total:					$300.00
CANTEEN SERVICE	9976	MISCELLANEOUS SUPPLIES AS NEED	\$147.66	10022300-54100	SUPPLIES	\$147.66
	9962	MISCELLANEOUS SUPPLIES AS NEED	\$149.21	10022300-54100	SUPPLIES	\$149.21
	Vendor Total:					\$296.87
CHASE RIGBY	TA 8/10/17	TRAVEL ADVANCE	\$45.00	10020210-57100	CONFERENCE & TRAINING	\$45.00
	TA 8/13-18/17	TRAVEL ADVANCE	\$753.50	10020210-57100	CONFERENCE & TRAINING	\$753.50
	Vendor Total:					\$798.50
CHEM DRY	17150	CARPET CLEANING SVCS	\$1,220.00	10022500-52100	CONTRACTED SERVICES	\$1,220.00
					Vendor Total:					$1,220.00

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
CLARK PEST CONTROL	20321326	PEST CONTROL SVCS	\$95.00	80026400-52100	CONTRACTED SERVICES	\$95.00
					Vendor Total:	\$95.00
CLOVER STORNETTA FARMS	0100726838	PROVIDE MISC GOODS AS NEEDED	\$115.64	10022300-54100	SUPPLIES	\$115.64
	0780418801	PROVIDE MISC GOODS AS NEEDED	\$324.85	10022300-54100	SUPPLIES	\$324.85
					Vendor Total:	\$440.49
CODE PUBLISHING COMPANY	56747	CODIFICATION SERVICES AS PER A	\$769.95	10012500-52100	CONTRACTED SERVICES	\$769.95
					Vendor Total:	\$769.95
COMCAST	JULY17	INTERNET SERVICES	\$254.31	20913900-55100	TELEPHONE	\$254.31
	AUG 17	INTERNET SERVICES	\$173.81	73022600-55100	TELEPHONE	\$173.81
					Vendor Total:	\$428.12
CONTRA COSTA COUNTY SHERRIFFS OFFICE	20611	REGISTRATION	\$118.00	10020210-57100	CONFERENCE & TRAINING	\$118.00
	DV07182017	INSTRUCTOR	\$288.00	10022850-52100	CONTRACTED SERVICES	\$144.00
				10022850-52100	CONTRACTED SERVICES	\$144.00
					Vendor Total:	\$406.00
COUNTY OF SONOMA	WTR-00000592	GROUNDWATER PLANNING STUDY CON	\$8,500.00	82024410-52100	CONTRACTED SERVICES	\$8,500.00
					Vendor Total:	\$8,500.00
DC CUSTOMS INC	184093	LINEX INSTALLATION	\$671.79	80026400-56130	EXTERNAL SERVICES	\$671.79
	183640	HUSKY LINER	\$113.14	82024412-56130	EXTERNAL SERVICES	\$113.14
	184005	SUN SHADE	\$71.91	82024414-56130	EXTERNAL SERVICES	\$71.91
	184055	FLOOR LINERS	\$695.50	84024425-56130	EXTERNAL SERVICES	\$695.50

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
DC CUSTOMS INC	184026	SUN SHADE	\$82.23	20324100-54100	SUPPLIES	\$82.23
Vendor Total:						\$1,634.57
DEPT OF CONSERVATION	ARRIL - JUNE 2017	QUARTERLY TAX RETURN - SMIP	\$239.92	90000000-23006	STRONG MOTION ED. SET ASIDE	(\$12.63)
				90000000-23005	STRONG MOTION INSTR. PROG.	\$252.55
				Vendor Total:		\$239.92
EFFICIENCY SERVICES GROUP LLC	1504	ADMIN OF EUD PUBLIC BENEFITS P	\$3,444.72	80626500-52137	PUBLIC BENEFITS PROGRAM MGMT	\$3,444.72
	1490	ADMIN OF EUD PUBLIC BENEFITS P	\$3,769.41	80626500-52137	PUBLIC BENEFITS PROGRAM MGMT	\$3,769.41
	1428	ADMIN OF EUD PUBLIC BENEFITS P	\$3,782.96	80626500-52137	PUBLIC BENEFITS PROGRAM MGMT	\$3,782.96
	1461	ADMIN OF EUD PUBLIC BENEFITS P	\$3,794.40	80626500-52137	PUBLIC BENEFITS PROGRAM MGMT	\$3,794.40
	1395	ADMIN OF EUD PUBLIC BENEFITS P	\$4,355.38	80626500-52137	PUBLIC BENEFITS PROGRAM MGMT	\$4,355.38
	Vendor Total:		\$19,146.87			
EUREKA OXYGEN CO	438714	EQUIPMENT MAINTENANCE	\$261.16	69122700-56300	BUILDING MAINT. & REPAIR	\$261.16
	UB 3898	EQUIPMENT MAINTENANCE	\$715.20	10521210-56120	EQUIPMENT MAINTENANCE & REPAIR	\$715.20
Vendor Total:						\$976.36
EVERGREEN JOB & SAFETY TRAINING INC	661	EDUCATIONAL/TRAINING SERVICES	\$964.79	20526430-57100	CONFERENCE & TRAINING	\$964.79
	648	EDUCATIONAL/TRAINING SERVICES	\$2,109.12	80026110-52100	CONTRACTED SERVICES	\$1,054.56
				80026120-52100	CONTRACTED SERVICES	\$1,054.56
	660	EDUCATIONAL/TRAINING SERVICES	\$2,109.12	80026110-52100	CONTRACTED SERVICES	\$1,054.56
				80026120-52100	CONTRACTED SERVICES	\$1,054.56
Vendor Total:						\$5,183.03

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FAILSAFE TESTING	9152	LADDER TEST/INSPECTION	\$555.85	10521210-56130	EXTERNAL SERVICES	\$555.85
	9125	LADDER TEST/INSPECTION	\$650.00	10521210-56130	EXTERNAL SERVICES	\$650.00
				Vendor Total:		\$1,205.85
FASTENAL	CAUKA26960	MISC SUPPLIES AS NEEDED	\$1,006.71	84024425-56504	FACILITY MAINTENANCE & REPAIR	\$1,006.71
	CAUKA27051	MISC SUPPLIES AS NEEDED	\$109.40	84024421-54100	SUPPLIES	\$109.40
				Vendor Total:		\$1,116.11
FEDERAL ENERGY REGULATORY COMMISSION	H17436-00	2017 HYDROPOWER ANNUAL FEE	\$3,573.37	80026220-59101	FEES	\$3,573.37
				Vendor Total:		\$3,573.37
FEDERAL EXPRESS	5-871-93738	SHIPPING CHARGES	\$93.68	10012100-54101	POSTAGE	\$38.79
				10520210-54101	POSTAGE	\$20.59
				10520210-54101	POSTAGE	\$34.30
	5-871-98738.1	SHIPPING CHARGES	\$203.76	10020210-54101	POSTAGE	\$26.34
				10023100-54101	POSTAGE	\$20.69
				77725200-54101	POSTAGE	\$148.23
				84024420-54101	POSTAGE	\$8.50
				Vendor Total:		\$297.44
FLEETPRIDE	86139546	MISC PARTS & MATERIALS AS NEED	\$14.21	90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.07)
				82024414-56130	EXTERNAL SERVICES	\$0.14
				82024414-56130	EXTERNAL SERVICES	\$14.21
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.07)
				Vendor Total:		\$14.21

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
FRANK OLSEN CO	23250	24" DEZURIK AWWA BUTTERFLY VAL	\$5,879.64	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$5,879.64
					Vendor Total:	\$5,879.64
GEARY, SHEA, O'DONNELL, GRATTAN, & MITCHELL	42883	TRIAL COUNSEL IN UVSD VS. COU	\$22,853.38	84424422-52100	CONTRACTED SERVICES	\$22,853.38
					Vendor Total:	\$22,853.38
GHD INC	83168	DESIGN OF WELL #9	\$6,749.50	82024410-52100	CONTRACTED SERVICES	\$6,749.50
					Vendor Total:	\$6,749.50
GOLDEN STATE EMERGENCY VEHICLE SERVICE INC	C1007879	KIT, SHOE AND LINING 1901870	\$5,891.56	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$6.46)
				10521210-56130	EXTERNAL SERVICES	\$32.30
				10521210-56130	EXTERNAL SERVICES	\$5,891.56
				90000000-23028	MEASURE Y DISTRICT TAX	(\$25.84)
				Vendor Total:		\$5,891.56
GRANICUS INC	88420	SOFTWARE & SERVICES AGREEMENT	\$400.00	10012500-52100	CONTRACTED SERVICES	\$400.00
	89062	SOFTWARE & SERVICES AGREEMENT	\$400.00	10012500-52100	CONTRACTED SERVICES	\$400.00
				Vendor Total:		\$800.00
GRANITE CONSTRUCTION COMPANY	1197844	MISC ROCK & ROAD PATCH MATERIA	\$595.89	10024220-54120	PW - SPECIAL SUPPLIES	\$166.14
				82024414-54100	SUPPLIES	\$177.36
				84024421-54100	SUPPLIES	\$102.08
				84024421-54100	SUPPLIES	\$150.31
	1200506	MISC ROCK & ROAD PATCH MATERIA	\$888.50	82024414-54100	SUPPLIES	\$888.50

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
GRANITE CONSTRUCTION COMPANY	1198527	MISC ROCK & ROAD PATCH MATERIA	\$277.66	84024421-54100	SUPPLIES	\$277.66
					Vendor Total:	\$1,762.05
HARTFORD RETIREE PREMIUM ACCT	50011-AUG 17	RETIREE HEALTH INS	\$1,126.46	20700000-20524	NON-EMPLOYEE HEALTH INS.PREM	\$1,126.46
					Vendor Total:	\$1,126.46
HOME DEPOT CREDIT SERVICES	6012782	MISCELLANEOUS SUPPLIES AS NEED	\$6.44	10022100-54100	SUPPLIES	\$6.44
	1022897	MISCELLANEOUS SUPPLIES AS NEED	\$25.96	10022100-54100	SUPPLIES	\$25.96
	6034538	MISCELLANEOUS SUPPLIES AS NEED	\$116.78	10022100-54100	SUPPLIES	\$116.78
	0024661	MISCELLANEOUS SUPPLIES AS NEED	\$50.90	82024414-54100	SUPPLIES	\$50.90
					Vendor Total:	\$200.08
INSTITUTE FOR ENVIROMENTAL HEALTH INC	171283	GIARDIA AND/OR CRYPTOSPORIDIUM EVAL	\$790.00	82024411-52100	CONTRACTED SERVICES	\$790.00
					Vendor Total:	\$790.00
INTERCOUNTY MECHANICAL & ELECTRICAL INC	6003	LABOR	\$110.00	80026400-52100	CONTRACTED SERVICES	\$110.00
	6029	SERVICE AS NEEDED	\$446.50	80026400-52100	CONTRACTED SERVICES	\$446.50
					Vendor Total:	\$556.50
JAMES JEFFERS	TA 8/6-11/17	TRAVEL ADVANCE	\$1,415.33	80026120-57100	CONFERENCE & TRAINING	\$1,415.33
					Vendor Total:	\$1,415.33
JULIE WEBB	DV072117	REIMBURSEMENT- TRIATHLON FOOD	\$1,072.21	90000000-23243	FAMILY FUN IN THE SUN	\$1,072.21
					Vendor Total:	\$1,072.21

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
KIMBALL MIDWEST	5703467	PARTS AS NEEDED	\$409.01	90000000-23028	MEASURE Y DISTRICT TAX	(\$1.90)
				20324100-54100	SUPPLIES	\$1.90
				20324100-54100	SUPPLIES	\$409.01
					Vendor Total:	\$409.01
LARRY WALKER ASSOCIATES INC	00564.02-4	APPLICATION PREPARATION (NPDES)	\$183.75	84024425-52114	COMPLIANCE STUDIES	\$183.75
					Vendor Total:	\$183.75
LEADERSHIP MENDOCINO	DV071317	REGISTRATION	\$900.00	10020210-57100	CONFERENCE & TRAINING	\$900.00
					Vendor Total:	\$900.00
LEGAL SHIELD	38295 JULY 2017	JULY 2017 PRE-PAID LEGAL SERVICE	\$51.80	20700000-20526	PREPAID LEGAL - AFLAC	\$51.80
					Vendor Total:	\$51.80
MAJOR CRIMES FORCE	060117	ANNUAL AGENCY CONTRIBUTION	\$4,500.00	10020224-52100	CONTRACTED SERVICES	\$4,500.00
					Vendor Total:	\$4,500.00
MCMaster-CARR SUPPLY CO	38504300	PARTS AS NEEDED	\$105.98	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$105.98
					Vendor Total:	\$105.98
MENDOCINO COUNTY PUBLIC HEALTH	SOC UK 16-17	PRINCIPAL OF DEBT SERVICE FY 2016-17	\$28,179.00	10020217-52100	CONTRACTED SERVICES	\$28,179.00
					Vendor Total:	\$28,179.00
MOTION INDUSTRIES INC	CA23-505008	MOTOR	\$1,454.02	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1,454.02
					Vendor Total:	\$1,454.02
MUNI SERVICES LLC	0000046043	BUSINESS LICENSE PROCESSING	\$1,854.00	10013400-52100	CONTRACTED SERVICES	\$1,854.00

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
MUNI SERVICES LLC	0000045842	QTRLY SUTA SERVICE THROUGH 12/31/16	\$3,543.20	10013400-52100	CONTRACTED SERVICES	\$3,543.20
					Vendor Total:	\$5,397.20
NHA ADVISORS LLC	MAY 2017	FINANCIAL ADVISORY SERVICES	\$2,843.75	10013400-52100	CONTRACTED SERVICES	\$2,843.75
					Vendor Total:	\$2,843.75
NORTHERN AGGREGATES INC	3208607	MISC ROCK & SAND AS NEEDED	\$335.62	10024220-54120	PW - SPECIAL SUPPLIES	\$335.62
	53781	MISC ROCK & SAND AS NEEDED	\$405.41	10024220-54120	PW - SPECIAL SUPPLIES	\$405.41
					Vendor Total:	\$741.03
ONE TIME PAY VENDOR	16265-1	ENERGY REBATE	\$287.25	80626500-52135	ENERGY CONSERVATION PROGRAM	\$287.25
	DV072017	REIMBURSEMENT-PUMKIN FEST BOOTH	\$200.00	90000000-23220	PUMPKINFEST (CC VENDOR PYTS)	\$200.00
	115178-6	UTILITY REFUND	\$83.22	90100000-10421	UTILITY RECEIVABLES CLEARING	\$83.22
	116596-8	UTILITY REFUND	\$139.50	90100000-10421	UTILITY RECEIVABLES CLEARING	\$139.50
					Vendor Total:	\$709.97
OPERATING ENGINEER PUBLIC & MISC EMPLOYEES	86138 JULY 17	HEALTH INSURANCE	\$1,687.00	20700000-20524	NON-EMPLOYEE HEALTH INS.PREM	\$1,687.00
					Vendor Total:	\$1,687.00
OPERATING ENGINEERS UNION	1707.1	PUBLIC WORKS UNION DUES	\$840.00	20700000-20509	P/R DEDUCT.-UNION DUES	\$840.00
	1707-1	MISC UNION DUES	\$990.00	20700000-20509	P/R DEDUCT.-UNION DUES	\$990.00
					Vendor Total:	\$1,830.00
OVERHEAD DOOR COMPANY OF SANTA ROSA	43706	SPRING REPLACEMENT	\$546.00	20822500-56300	BUILDING MAINT. & REPAIR	\$546.00
	43827	TORSION SPRINGS	\$786.37	20822500-56300	BUILDING MAINT. & REPAIR	\$786.37

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
OVERHEAD DOOR COMPANY OF SANTA ROSA	43698	SERVICE CALL & SPRING REPLACEMENT	\$983.87	20822500-56300	BUILDING MAINT. & REPAIR	\$983.87
					Vendor Total:	\$2,316.24
OWEN EQUIPMENT COMPANY	00039619	AUTOMOTIVE ACCESSORIES FOR AUT	\$11,660.59	84024421-56120	EQUIPMENT MAINTENANCE & REPAIR	\$5,830.31
				82024414-56130	EXTERNAL SERVICES	\$5,830.28
	CM00038314	CHECK VALVE	(\$411.71)	84024421-56130	EXTERNAL SERVICES	(\$411.71)
					Vendor Total:	\$11,248.88
PACE SUPPLY CORPORATION	023975610	MISCELLANEOUS ITEMS AS NEEDED	\$21.08	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$21.08
	023955355	MISCELLANEOUS ITEMS AS NEEDED	\$620.96	82000000-12104	INVENTORY - PURCHASES	\$620.96
	023986718	MISCELLANEOUS ITEMS AS NEEDED	\$26.30	82024414-54100	SUPPLIES	\$26.30
	023982055	MISCELLANEOUS ITEMS AS NEEDED	\$117.44	82024414-54100	SUPPLIES	\$117.44
	023972248	MISCELLANEOUS ITEMS AS NEEDED	\$28.56	84024421-54100	SUPPLIES	\$28.56
					Vendor Total:	\$814.34
PAYMENTUS GROUP INC	US17060028	CREDIT CARD PROCESSING SERVICE	\$2,561.00	20513300-52100	CONTRACTED SERVICES	\$2,561.00
					Vendor Total:	\$2,561.00
PETERSON CAT	PR060015462	PARTS & SERVICE REPAIRS AS NEE	(\$78.03)	20324100-56112	EQUIPMENT PARTS FOR RESALE	(\$78.03)
	PC060139034	PARTS & SERVICE REPAIRS AS NEE	\$116.21	10022100-56130	EXTERNAL SERVICES	\$116.21
					Vendor Total:	\$38.18
PFM ASSET MANAGEMENT LLC	PFM-78628	FINANCIAL ADVISORY SERVICES	\$5,005.55	10015100-52100	CONTRACTED SERVICES	\$5,005.55
					Vendor Total:	\$5,005.55
PG&E CO	JULY-17-3622	GAS & ELECTRIC SERVICES	\$6,218.28	84024425-55200	PG&E	\$1,844.21

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
PG&E CO	JULY-17-3622	GAS & ELECTRIC SERVICES	\$6,218.28	10022100-55210	UTILITIES	\$11.13
				10022300-55210	UTILITIES	\$49.49
				20822500-55210	UTILITIES	\$237.19
				69122700-55210	UTILITIES	\$22.71
				70024500-55210	UTILITIES	\$386.52
				73022600-55210	UTILITIES	\$15.64
				73022600-55210	UTILITIES	\$37.80
				77725200-55210	UTILITIES	\$43.67
				82024411-55210	UTILITIES	\$3,496.63
				84024421-55210	UTILITIES	\$73.29
	JUNE17	GAS AND ELECTRIC SERVICES - OBSERVATORY PARK	\$4.03	10022100-55210	UTILITIES	\$4.03
	Vendor Total:					\$6,222.31
	PHENOVA	132340	PROFICIENCY TESTING SAMPLES	\$724.71	90000000-23252	DISTRICT USE TAX-LIBRARIES	($0.79)
90000000-23237					DISTRICT USE TAX-MEASURE S	(\$1.57)
90000000-23028					MEASURE Y DISTRICT TAX	(\$3.13)
84024425-54100					SUPPLIES	\$5.49
84024425-54100					SUPPLIES	\$724.71
Vendor Total:					\$724.71	
PHILLIPS SEABROOK ASSOCIATES	7567	STRUCT ENGNG/PLAN CHCK/SUBSTIT	\$1,055.00	10023320-52100	CONTRACTED SERVICES	\$1,055.00
Vendor Total:					\$1,055.00	
PR BUSHBY SHARPENING INC	322358	CHAIN SHARPENING	\$29.00	82024411-56120	EQUIPMENT MAINTENANCE & REPAIR	\$29.00

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
PR BUSHBY SHARPENING INC	322352	CHAIN SHARPENING	\$40.00	84024421-54100	SUPPLIES	\$40.00
					Vendor Total:	\$69.00
PR DIAMOND PRODUCTS INC	0045811-IN	DUCTILE PIPE DRY CUTTING	\$150.00	90000000-23252	DISTRICT USE TAX-LIBRARIES	(\$0.18)
				90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.69)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.69)
				90000000-23013	STATE USE TAX LIABILITY	(\$10.01)
				20324100-54100	SUPPLIES	\$11.57
				20324100-54100	SUPPLIES	\$150.00
					Vendor Total:	\$150.00
R EMMETT JONES	JUNE 2017	MANAGEMENT ADVISORY SERVICES	\$787.50	10012100-52100	CONTRACTED SERVICES	\$487.50
				70024500-52100	CONTRACTED SERVICES	\$300.00
					Vendor Total:	\$787.50
RAU & ASSOCIATES INC	20170018	SURVEY EASEMENT ON N. STATE ST	\$4,740.00	82024410-52100	CONTRACTED SERVICES	\$4,740.00
					Vendor Total:	\$4,740.00
REDWOOD COAST FUELS	1860375	CARDLOCK FUEL PURCHASES	\$5,759.84	10020210-56210	FUEL & FLUIDS	\$20.89
				10020210-56210	FUEL & FLUIDS	\$45.39
				10020210-56210	FUEL & FLUIDS	\$1,974.33
				10020224-56210	FUEL & FLUIDS	\$35.67
				10022100-56210	FUEL & FLUIDS	\$850.89
				10024220-56210	FUEL & FLUIDS	\$705.43
				20324100-56210	FUEL & FLUIDS	\$135.81

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
REDWOOD COAST FUELS	1860375	CARDLOCK FUEL PURCHASES	\$5,759.84	20513382-56210	FUEL & FLUIDS	\$26.04
				20822500-56210	FUEL & FLUIDS	\$57.07
				80026400-56210	FUEL & FLUIDS	\$829.24
				82024411-56210	FUEL & FLUIDS	\$204.27
				82024414-56210	FUEL & FLUIDS	\$66.24
				82024414-56210	FUEL & FLUIDS	\$312.15
				84024421-56210	FUEL & FLUIDS	\$56.43
				84024421-56210	FUEL & FLUIDS	\$265.91
				84024425-56210	FUEL & FLUIDS	\$174.08
	1856949	CARDLOCK FUEL PURCHASES	\$6,472.49	10022100-56210	FUEL & FLUIDS	\$838.96
				10024220-56210	FUEL & FLUIDS	\$474.03
				10520210-56210	FUEL & FLUIDS	\$20.91
				10520210-56210	FUEL & FLUIDS	\$71.94
				10520210-56210	FUEL & FLUIDS	\$2,444.79
				20324100-56210	FUEL & FLUIDS	\$107.28
				20524412-56210	FUEL & FLUIDS	\$27.31
				20822500-56210	FUEL & FLUIDS	\$16.58
				20822500-56210	FUEL & FLUIDS	\$227.53
				80026400-56210	FUEL & FLUIDS	\$1,062.86
				82024411-56210	FUEL & FLUIDS	\$349.77
				82024414-56210	FUEL & FLUIDS	\$140.50
				82024414-56210	FUEL & FLUIDS	\$270.65
				84024421-56210	FUEL & FLUIDS	\$119.68

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
REDWOOD COAST FUELS	1856949	CARDLOCK FUEL PURCHASES	\$6,472.49	84024421-56210	FUEL & FLUIDS	\$230.56
				84024425-56210	FUEL & FLUIDS	\$69.14
	0071246	CARDLOCK FUEL PURCHASES	\$504.43	20824300-56210	FUEL & FLUIDS	\$504.43
	1859661	CARDLOCK FUEL PURCHASES	\$93.17	84024425-56210	FUEL & FLUIDS	\$93.17
	Vendor Total:					\$12,829.93
REDWOOD EMPIRE MUNICIPAL INSURANCE FUND	17-07 HEALTHCOMP	MEDICAL, DENTAL & VISION PREMIUMS	\$222,309.40	20700000-20524	NON-EMPLOYEE HEALTH INS.PREM	\$473.20
				20700000-20524	NON-EMPLOYEE HEALTH INS.PREM	\$2,172.00
				20700000-20524	NON-EMPLOYEE HEALTH INS.PREM	\$14,423.00
				20700000-20520	P/R DEDUCT.- MEDICAL INS	\$188,646.00
				20700000-20510	REMIF DENTAL	\$13,847.00
				20700000-20511	REMIF VISION	\$2,748.20
	17-07 EAP	EAP INSURANCE	\$514.08	20112400-52525	WORKER'S COMP. EXPENSE	\$514.08
	QTR 1 - 17/18	WORKER'S COMP PREMIUM QUARTERLY BILLING	\$202,173.00	20112400-52525	WORKER'S COMP. EXPENSE	\$202,173.00
	Vendor Total:					\$424,996.48
REOA LTD	1200.1	OFFICIATING OF ADULT SOFTBALL	\$1,621.00	10022822-52100	CONTRACTED SERVICES	\$1,621.00
Vendor Total:					\$1,621.00	
ROUND TABLE PIZZA	02-5008	WORKING LUNCH - WATER MAIN TIE IN	\$131.62	82024414-57100	CONFERENCE & TRAINING	\$131.62
	02-5078	OUTAGE WORK THROUGH MEAL	\$122.84	80026400-54100	SUPPLIES	\$122.84
Vendor Total:					\$254.46	

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
RYAN KRIKEN	DV072117	REIMBURSE - GRADE 2 OPERATOR CERTIFICATE	\$230.00	84024425-57100	CONFERENCE & TRAINING	\$230.00
					Vendor Total:	\$230.00
SAFEWAY INC	STMT 7/15/17.1	MISCELLANEOUS PURCHASES AS REQ	\$778.63	90000000-23226	CONCERT SERIES	\$45.98
				90000000-23226	CONCERT SERIES	\$86.54
				10016100-54167	EMPLOYEE DEVELOPMENT	\$53.99
				90000000-23235	MOVIES IN THE PLAZA	\$13.95
				10022300-54100	SUPPLIES	\$177.55
				10022300-54100	SUPPLIES	\$264.30
				10022840-54100	SUPPLIES	\$7.98
				10022840-54100	SUPPLIES	\$19.45
				10022840-54100	SUPPLIES	\$27.74
				73022600-54100	SUPPLIES	\$10.32
	STMT 7/15/17.2	MISCELLANEOUS PURCHASES AS REQ	\$1,363.58	73022600-54100	SUPPLIES	\$11.00
				73022600-54100	SUPPLIES	\$59.83
				90000000-23226	CONCERT SERIES	\$13.01
				90000000-23226	CONCERT SERIES	\$19.47
				90000000-23226	CONCERT SERIES	\$26.11
				90000000-23226	CONCERT SERIES	\$158.48
				90000000-23236	FIELD SIGNAGE FEES	\$127.19
				90000000-23235	MOVIES IN THE PLAZA	\$22.13
				10022300-54100	SUPPLIES	\$229.09
				10022300-54100	SUPPLIES	\$317.39

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
SAFEWAY INC	STMT 7/15/17.2	MISCELLANEOUS PURCHASES AS REQ	\$1,363.58	10022840-54100	SUPPLIES	\$5.00
				10022840-54100	SUPPLIES	\$149.60
				10022840-54100	SUPPLIES	\$293.12
				73022600-54100	SUPPLIES	\$2.99
				Vendor Total:		\$2,142.21
SALES & USE TAX	BE112785	TAX EMPLEMENTATION	\$6,687.37	10012400-52100	CONTRACTED SERVICES	\$6,687.37
				Vendor Total:		\$6,687.37
SALLIE PALMER	DV071817	INSTRUCTOR	\$1,666.00	10022850-52100	CONTRACTED SERVICES	\$490.00
				10022850-52100	CONTRACTED SERVICES	\$1,176.00
				Vendor Total:		\$1,666.00
SAN DIEGO POLICE EQUIPMENT CO	628408	MAG CHARGER FLASHLIGHTS	\$219.79	10020210-54100	SUPPLIES	\$219.79
				Vendor Total:		\$219.79
SCHAT'S BAKERY	CH459934	PROVIDE MISCELLANOUS FOOD DISH	\$76.10	10012100-54100	SUPPLIES	\$76.10
	STMT 6/30/17	PROVIDE MISCELLANOUS FOOD DISH	\$486.09	73022600-54100	SUPPLIES	\$486.09
			Vendor Total:		\$562.19	
SETH STRADER	DV072417	REIMBURSE CATERING SUPPLIES	\$41.54	73022600-54100	SUPPLIES	\$41.54
				Vendor Total:		\$41.54
SHERRIE SMITH-FERRI	DV072017	REIMBURSEMENT	\$265.00	69122700-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$265.00
				Vendor Total:		\$265.00
SHN CONSULTING ENGINEERS & GEOLOGISTS INC	92649	MATERIALS & COMPACTION TESTING	\$3,197.50	82224413-80230	INFRASTRUCTURE	\$2,511.67

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
SHN CONSULTING ENGINEERS & GEOLOGISTS INC	92649	MATERIALS & COMPACTION TESTING	\$3,197.50	84024421-80230	INFRASTRUCTURE	\$685.83
					Vendor Total:	\$3,197.50
SPEEDY SIGNS	19296	BLACK EQUIPMENT NUMBERS	\$60.13	90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.28)
				20324100-56112	EQUIPMENT PARTS FOR RESALE	\$0.56
				20324100-56112	EQUIPMENT PARTS FOR RESALE	\$60.13
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.28)
					Vendor Total:	\$60.13
STAPLES CREDIT PLAN	1847868771	OFFICE SUPPLIES, MISC AS NEEDED	\$32.27	73022600-56300	BUILDING MAINT. & REPAIR	\$32.27
	1848170071	OFFICE SUPPLIES, MISC AS NEEDED	\$216.08	73022600-56300	BUILDING MAINT. & REPAIR	\$216.08
	3345338466	OFFICE SUPPLIES, MISC AS NEEDED	\$21.37	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$21.37
	3345338467	OFFICE SUPPLIES, MISC AS NEEDED	\$48.74	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$48.74
	3345338465	OFFICE SUPPLIES, MISC AS NEEDED	\$56.00	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$56.00
	22906	OFFICE SUPPLIES, MISC AS NEEDED	(\$2.17)	69122700-54100	SUPPLIES	(\$2.17)
	6208	OFFICE SUPPLIES, MISC AS NEEDED	\$33.99	69122700-54100	SUPPLIES	\$33.99
	42047	OFFICE SUPPLIES, MISC AS NEEDED	\$13.01	73022600-54100	SUPPLIES	\$13.01
	6105	OFFICE SUPPLIES, MISC AS NEEDED	\$238.47	77725200-54100	SUPPLIES	\$238.47
	19671	OFFICE SUPPLIES, MISC AS NEEDED	\$85.03	80026400-54100	SUPPLIES	\$85.03
	6226	OFFICE SUPPLIES, MISC AS NEEDED	(\$231.89)	82024411-54100	SUPPLIES	(\$231.89)

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
STAPLES CREDIT PLAN	6228	OFFICE SUPPLIES, MISC AS NEEDED	\$164.39	82024411-54100	SUPPLIES	\$164.39
					Vendor Total:	\$675.29
STATE WATER RESOURCES CONTROL BOARD	LW-1009919-R1	LARGE WATER SYSTEM FEES	\$9,462.00	82024411-59101	FEES	\$9,462.00
					Vendor Total:	\$9,462.00
TASC	IN1060414	FSA ADMIN FEES	\$150.00	10016100-52151	AFLAC & PERS INSUR ADMIN FEES	\$150.00
					Vendor Total:	\$150.00
THOMAS CORNING JR	TA 8/10/17	TRAVEL ADVANCE	\$45.00	10020210-57100	CONFERENCE & TRAINING	\$45.00
					Vendor Total:	\$45.00
TIM POMA	112-0484975-5245011	REIMBURSE MOONLIGHT MOVIE MADNESS SUPPLIES	\$71.21	90000000-23235	MOVIES IN THE PLAZA	\$71.21
					Vendor Total:	\$71.21
TIM SANTO	DV071717	REIMBURSE OUTAGE - WATER	\$12.80	80026400-54100	SUPPLIES	\$12.80
					Vendor Total:	\$12.80
TRANSENE COMPANY INC	147128	ACETATE BUFFER SOLUTION	\$741.01	84024425-58202	CHEMICALS	\$741.01
					Vendor Total:	\$741.01
UKIAH PAPER SUPPLY	472143	JANITORIAL SUPPLIES, MISC AS N	(\$60.58)	73022600-56300	BUILDING MAINT. & REPAIR	(\$60.58)
	472142	JANITORIAL SUPPLIES, MISC AS N	\$69.35	73022600-56300	BUILDING MAINT. & REPAIR	\$69.35
	1473106	JANITORIAL SUPPLIES, MISC AS N	\$133.25	90000000-23243	FAMILY FUN IN THE SUN	\$133.25
	1472233	JANITORIAL SUPPLIES, MISC AS N	\$157.69	10024220-54120	PW - SPECIAL SUPPLIES	\$157.69
	1472919	JANITORIAL SUPPLIES, MISC AS N	\$135.31	10022100-54100	SUPPLIES	\$135.31
	14730559	JANITORIAL SUPPLIES, MISC AS N	\$266.85	10022100-54100	SUPPLIES	\$266.85

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
UKIAH PAPER SUPPLY	472251	JANITORIAL SUPPLIES, MISC AS N	\$382.47	10022100-54100	SUPPLIES	\$382.47
	472105	JANITORIAL SUPPLIES, MISC AS N	\$135.06	10022300-54100	SUPPLIES	\$135.06
	1472941	JANITORIAL SUPPLIES, MISC AS N	\$62.32	20822500-54100	SUPPLIES	\$62.32
	1472897	JANITORIAL SUPPLIES, MISC AS N	\$141.47	20822500-54100	SUPPLIES	\$141.47
	472182	JANITORIAL SUPPLIES, MISC AS N	\$639.30	20822500-54100	SUPPLIES	\$639.30
	472693	JANITORIAL SUPPLIES, MISC AS N	\$227.31	73022600-54100	SUPPLIES	\$227.31
	1472703	JANITORIAL SUPPLIES, MISC AS N	\$205.09	77725200-54100	SUPPLIES	\$205.09
	1472819	JANITORIAL SUPPLIES, MISC AS N	\$452.52	80026110-54100	SUPPLIES	\$226.26
				80026120-54100	SUPPLIES	\$226.26
	1472511	JANITORIAL SUPPLIES, MISC AS N	\$193.12	82024411-54100	SUPPLIES	\$193.12
Vendor Total: -----						\$3,140.53
UKIAH WASTE SOLUTIONS INC	343314	BIOSOLID REMOVAL	\$7,395.84	84024425-52100	CONTRACTED SERVICES	\$7,395.84
UNITED ROTARY BRUSH CORP	C1203138	CABLE WRAPS, GUTTER BROOMS & M	\$755.85	10024220-56130	EXTERNAL SERVICES	\$755.85
UNITED SITE SERVICES	114-5421498	PORTABLE TOILET RENTAL	\$423.57	90000000-23226	CONCERT SERIES	\$423.57
	114-5478093	PORTABLE TOILET RENTAL	\$423.57	90000000-23226	CONCERT SERIES	\$423.57
	114-5522334	PORTABLE TOILET RENTAL	\$166.81	10022100-52100	CONTRACTED SERVICES	\$166.81
	114-5522335	PORTABLE TOILET RENTAL	\$166.81	10022100-52100	CONTRACTED SERVICES	\$166.81

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
UNITED SITE SERVICES	114-5522336	PORTABLE TOILET RENTAL	\$136.32	80026330-52100	CONTRACTED SERVICES	\$136.32
					Vendor Total:	\$1,317.08
UPS	0000E19R5428 7	SHIPPING CHARGES	\$22.67	80026400-56120	EQUIPMENT MAINTENANCE & REPAIR	\$22.67
	0000E19R5426 7	SHIPPING CHARGES	\$42.95	84024425-56120	EQUIPMENT MAINTENANCE & REPAIR	\$42.95
	0000E19R5427 7	SHIPPING CHARGES	\$11.23	80026400-54100	SUPPLIES	\$11.23
					Vendor Total:	\$76.85
UTILITY TREE SERVICE INC	71B00117	ROADSIDE, GROUNDS, RECREATIONA	\$2,811.00	80026110-52100	CONTRACTED SERVICES	\$2,811.00
	69N44917	ROADSIDE, GROUNDS, RECREATIONA	\$4,216.50	80026110-52100	CONTRACTED SERVICES	\$4,216.50
	68Q79617	ROADSIDE, GROUNDS, RECREATIONA	\$5,153.50	80026110-52100	CONTRACTED SERVICES	\$5,153.50
	69Z64717	ROADSIDE, GROUNDS, RECREATIONA	\$5,153.50	80026110-52100	CONTRACTED SERVICES	\$5,153.50
					Vendor Total:	\$17,334.50
VIEVU	24066	SPRING CLIPS	\$84.03	10020210-54100	SUPPLIES	\$84.03
					Vendor Total:	\$84.03
WAGEWORKS INC	INV219942&INV 219953	SEC 125 ADMIN FEES	\$175.00	10016100-52151	AFLAC & PERS INSUR ADMIN FEES	\$175.00
					Vendor Total:	\$175.00
WALMART COMMUNITY	P9273006001D XXWJQ	MISC ITEMS AS NEEDED	\$46.11	90000000-23226	CONCERT SERIES	\$46.11
	P9273006501F NSZQK	MISC ITEMS AS NEEDED	\$41.98	90000000-23243	FAMILY FUN IN THE SUN	\$41.98
	P9273005P01A 7XAL2	MISC ITEMS AS NEEDED	\$32.67	90000000-23236	FIELD SIGNAGE FEES	\$32.67
	P9273005V01Q 4RLLF	MISC ITEMS AS NEEDED	\$268.63	90000000-23236	FIELD SIGNAGE FEES	\$268.63

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
WALMART COMMUNITY	P9273005W01 QEW68R	MISC ITEMS AS NEEDED	\$17.92	90000000-23242	JULY 4TH PICNIC IN THE PARK	\$17.92
	P9273005Q01Q EW69A	MISC ITEMS AS NEEDED	\$178.02	90000000-23242	JULY 4TH PICNIC IN THE PARK	\$178.02
	P9273005R01B 0XTDW	MISC ITEMS AS NEEDED	\$8.17	10022300-54100	SUPPLIES	\$8.17
	P9273005E017 8B6GP	MISC ITEMS AS NEEDED	\$4.40	10022840-54100	SUPPLIES	\$4.40
	P9273005E017 8B6GZ	MISC ITEMS AS NEEDED	\$81.89	10022840-54100	SUPPLIES	\$81.89
	P9273005D016 WLMAG	MISC ITEMS AS NEEDED	\$186.14	10022840-54100	SUPPLIES	\$186.14
	P9273005Y01D 5V2AN	MISC ITEMS AS NEEDED	\$223.85	10022840-54100	SUPPLIES	\$223.85
	P9273005G018 084BH	MISC ITEMS AS NEEDED	\$231.02	10022840-54100	SUPPLIES	\$231.02
	P9273005P01A 6ET68	MISC ITEMS AS NEEDED	\$26.32	20324100-54100	SUPPLIES	\$26.32
	P9273006501F FJ341	MISC ITEMS AS NEEDED	\$92.36	77725200-54100	SUPPLIES	\$92.36
	P9273005H018 8JL1P	MISC ITEMS AS NEEDED	\$31.41	84024425-54100	SUPPLIES	\$31.41
	P9273006301E VR4SN	MISC ITEMS AS NEEDED	\$98.41	84024425-54100	SUPPLIES	\$98.41
	Vendor Total:					\$1,569.30
WEST YOST ASSOCIATED	2032563	PROP 1 STORM WATER RESOURCES P	\$11,815.98	91190100-52100	CONTRACTED SERVICES	\$3,719.50
				91190100-52100	CONTRACTED SERVICES	\$8,096.48
	2032670	RRWA EXECUTIVE DIRECTOR SVCS	\$16,023.84	91190100-52100	CONTRACTED SERVICES	\$1,426.00
				91190100-52100	CONTRACTED SERVICES	\$2,107.17
				91190100-52100	CONTRACTED SERVICES	\$12,490.67
	2032562	PROP 1 STORM WATER RESOURCES P	\$23,190.05	91190100-52100	CONTRACTED SERVICES	\$23,190.05
	2032332	PROP 1 STORM WATER RESOURCES P	\$40,315.10	91190100-52100	CONTRACTED SERVICES	\$40,315.10

List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
WEST YOST ASSOCIATED	2032669	PROP 1 STORM WATER RESOURCES P	\$69,698.00	91190100-52100	CONTRACTED SERVICES	\$69,698.00
					Vendor Total:	\$161,042.97
WESTERN HILLS HOMEOWNERS ASSOC	1163	QUARTERLY HOA	\$225.00	10012400-52100	CONTRACTED SERVICES	\$225.00
					Vendor Total:	\$225.00
WORLD OIL ENVIRONMENTAL SERVICES	1500-00210960	DISPOSAL OF MISC. PRODUCTS AS	\$120.00	20324100-52100	CONTRACTED SERVICES	\$120.00
					Vendor Total:	\$120.00
WYATT IRRIGATION CO	232175	PARTS & MISC SUPPLIES AS NEEDED	\$30.43	90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.15)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.15)
				10022100-54100	SUPPLIES	\$0.30
				10022100-54100	SUPPLIES	\$30.43
	232098	PARTS & MISC SUPPLIES AS NEEDED	\$95.43	90000000-23237	DISTRICT USE TAX-MEASURE S	(\$0.45)
				90000000-23028	MEASURE Y DISTRICT TAX	(\$0.45)
				10022100-54100	SUPPLIES	\$0.90
				10022100-54100	SUPPLIES	\$95.43
					Vendor Total:	\$125.86
XEROX CORP	1350038	NETWORKING SERVICES	\$188.78	20513300-52100	CONTRACTED SERVICES	\$188.78
	1350066	SOFTWARE SUPPORT	\$269.69	20513300-52100	CONTRACTED SERVICES	\$269.69
	089849890	COPIER LEASE-SEE ADD'L DESCRIP	\$1,999.67	10012200-94500	LEASE PAYMENTS	\$1,999.67
					Vendor Total:	\$2,458.14

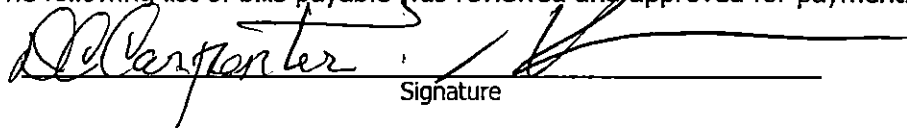
List of Checks Presented for Approval on 7/28/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
ZUMAR INDUSTRIES INC	0171076	CUSTOM SIGNS	\$299.61	90000000-23237	DISTRICT USE TAX-MEASURE S	(\$1.27)
				90000000-23028	MEASURE Y, DISTRICT TAX	(\$1.27)
				80026330-54100	SUPPLIES	\$2.54
				80026330-54100	SUPPLIES	\$299.61
					Vendor Total:	\$299.61
					INVOICE TOTAL:	\$869,132.37

List of Checks Presented for Approval on 7/20/2017

The following list of bills payable was reviewed and approved for payment.


 Signature

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
ALADTEC INC	2017-101707	WORKFORCE MANAGMENT SYSTEM SUBSCRIPTION	\$2,310.00	91521400-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$2,310.00
					Vendor Total:	\$2,310.00
FAILSAFE TESTING	9153	LADDER AND ROPE TESTING	\$430.30	91521400-56120	EQUIPMENT MAINTENANCE & REPAIR	\$430.30
					Vendor Total:	\$430.30
FEDERAL EXPRESS	5-836-73038	SHIPPING CHARGES	\$20.07	91500000-54101	POSTAGE	\$20.07
					Vendor Total:	\$20.07
HAROLD J LANCE JR	JUNE 2017	LEGAL SERVICES	\$455.00	91500000-52100	CONTRACTED SERVICES	\$455.00
					Vendor Total:	\$455.00
LEXIPOL LLC	20628	ANNUAL FIRE POLICY MANUAL ONLINE SUBSCRIPTION	\$6,050.00	91521400-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$6,050.00
					Vendor Total:	\$6,050.00
LIEBERT CASSIDY WHITMORE	1442016	PROFESSIONAL SERVICES	\$156.00	91500000-52100	CONTRACTED SERVICES	\$156.00
					Vendor Total:	\$156.00
LIFE ASSIST	804442	EMS SUPPLIES	\$11.56	91500000-54100	SUPPLIES	\$11.56
	801525	EMS SUPPLIES	\$23.12	91500000-54100	SUPPLIES	\$23.12
	800621	EMS SUPPLIES	\$23.52	91500000-54100	SUPPLIES	\$23.52

List of Checks Presented for Approval on 7/20/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
LIFE ASSIST	803053	EMS SUPPLIES	\$26.16	91500000-54100	SUPPLIES	\$26.16
	804203	EMS SUPPLIES	\$57.54	91500000-54100	SUPPLIES	\$57.54
	804222	EMS SUPPLIES	\$887.05	91500000-54100	SUPPLIES	\$887.05
	805633	EMS SUPPLIES	\$75.04	91521400-54100	SUPPLIES	\$75.04
Vendor Total:						\$1,103.99
MANAGED HEALTH NETWORK	PRM-009154	UVFD MHN EAP	\$120.96	20700000-20661	UVFD HEALTH INS	\$120.96
Vendor Total:						\$120.96
MILLVIEW COUNTY WATER DISTRICT	JUNE.17	WATER SERVICES - LOVERS LANE	\$147.00	91500000-55210	UTILITIES	\$147.00
Vendor Total:						\$147.00
NICK BARBIERI TRUCKING LLC	1853507	FUEL AS NEEDED	\$952.27	91500000-56210	FUEL & FLUIDS	\$952.27
	1857108	FUEL AS NEEDED	\$1,087.76	91500000-56210	FUEL & FLUIDS	\$1,087.76
Vendor Total:						\$2,040.03
PG&E CO	UVFD - MARCH 17	GAS & ELECTRIC SERVICES - TALMAGE STATION	\$34.88	91500000-55200	PG&E	\$34.88
	UVFD - JUNE 17	GAS & ELECTRIC SERVICES - TALMAGE STATION	\$65.46	91500000-55200	PG&E	\$65.46
	UVFD-JUNE 17	GAS & ELECTRIC SERVICES - LOVERS LANE	\$697.12	91500000-55200	PG&E	\$697.12
	UVFD - JUNE.17	GAS & ELECTRIC SERVICES - SOUTH STATION	\$1,191.56	91500000-55200	PG&E	\$1,191.56
Vendor Total:						\$1,989.02
PRINCIPAL LIFE	17-07 UVFD PRIN LIFE	UVFD DENTAL & LIFE	\$893.50	20700000-20661	UVFD HEALTH INS	\$893.50
Vendor Total:						\$893.50

List of Checks Presented for Approval on 7/20/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
PROSPECTOR FUND	AUGUST 17	TALMAGE PROPERTY LOAN PAYMENT	\$2,300.00	91521400-70201	LOAN PRINCIPAL PAYMENTS	\$690.00
				91521400-70201	LOAN PRINCIPAL PAYMENTS	\$1,610.00
				Vendor Total:		\$2,300.00
PUBLIC SERVICE DEPARTMENT	UVFD-MAY 17	SEWER SERVICE - LOVERS LANE	\$79.87	91500000-55210	UTILITIES	\$79.87
	UVFD MAY 17	SEWER SERVICE - SOUTH STATION	\$125.97	91500000-55210	UTILITIES	\$125.97
	Vendor Total:		\$205.84			
RAY A MORGAN COMPANY	1638790	COPIER LEASE & SERVICE	\$36.28	91521400-54500	EQUIP RENTS AND LEASES	\$36.28
						Vendor Total:		$36.28
ROGINA WATER COMPANY	UVFD JUNE 17	WATER SERVICE - SOUTH STATION	\$24.00	91500000-55210	UTILITIES	\$24.00
						Vendor Total:		$24.00
SAVINGS BANK OF MENDOCINO COUNTY	AUGUST 17	LOVERS LANE LOAN PAYMENT	\$1,945.41	91521400-70201	LOAN PRINCIPAL PAYMENTS	\$583.62
				91521400-70201	LOAN PRINCIPAL PAYMENTS	\$1,361.79
				Vendor Total:		\$1,945.41
STAPLES CREDIT PLAN	18016655951.1	OVER PAYMENT	(\$1.22)	91500000-54100	SUPPLIES	(\$1.22)
	1827737191	COPY PAPER	\$63.34	91500000-54100	SUPPLIES	\$63.34
	1827738871	INK CARTRIDGES	\$73.22	91500000-54100	SUPPLIES	\$73.22
	1836330481	OFFICE SUPPLIES	\$252.22	91500000-54100	SUPPLIES	\$252.22
	Vendor Total:		\$387.56			
US BANK CORPORATE PAYMENT SERVICES	JUNE 17	CAL CARD PURCHASES	\$2,141.76	91521400-56300	BUILDING MAINT. & REPAIR	\$427.67

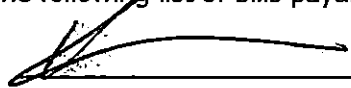
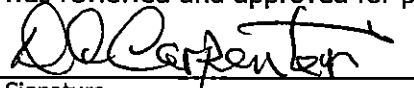
List of Checks Presented for Approval on 7/20/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
US BANK CORPORATE PAYMENT SERVICES	JUNE 17	CAL CARD PURCHASES	\$2,141.76	91521400-56120	EQUIPMENT MAINTENANCE & REPAIR	(\$43.42)
				91521400-56120	EQUIPMENT MAINTENANCE & REPAIR	\$53.41
				91521400-56120	EQUIPMENT MAINTENANCE & REPAIR	\$702.06
				91500000-54101	POSTAGE	\$9.18
				91521400-54102	SMALL TOOLS	\$47.66
				91500000-54100	SUPPLIES	(\$41.46)
				91500000-54100	SUPPLIES	\$466.76
				91521400-54100	SUPPLIES	\$220.00
				91500000-55100	TELEPHONE	\$299.90
Vendor Total:					\$2,141.76	
US BANK NA	869251371721	FUEL & LUBRICANTS	\$61.14	91500000-56210	FUEL & FLUIDS	\$61.14
				Vendor Total:		\$61.14
WILLOW COUNTY WATER DIST	UVFD - JUNE 17	WATER SERVICE - SOUTH STATION	\$42.19	91500000-55210	UTILITIES	\$42.19
				Vendor Total:		\$42.19
WITMER PUBLIC SAFETY GROUP	E1608485.001	QUICK RELEASE LADDER BELT	\$176.59	91500000-64100	SUPPLIES	\$176.59
				Vendor Total:		\$176.59
INVOICE TOTAL:						\$23,036.64

List of Checks Presented for Approval on 7/27/2017

The following list of bills payable was reviewed and approved for payment.



 Signature

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Invoice Account Detail and Allocation Detail		
AFLAC	313136	UVFD- JULY AFLAC	\$73.70	20700000-20656	UVFD AFLAC	\$73.70
					Vendor Total:	\$73.70
BEACON LIGHT COMMUNICATIONS LLC	82017PM5	RADIOS AND BATTERIES	\$2,572.28	91500000-54100	SUPPLIES	\$2,572.28
					Vendor Total:	\$2,572.28
CROSSFIT MENDOCINO	CFM072017DIS TRICT	CROSSFIT TRAINING	\$166.66	91521400-57100	CONFERENCE & TRAINING	\$166.66
					Vendor Total:	\$166.66
GOLDEN STATE RISK	ANC071517-17	VISION INSURANCE	\$88.11	20700000-20661	UVFD HEALTH INS	\$88.11
					Vendor Total:	\$88.11
MENDOCINO COUNTY AUDITOR-CONTROLLER	812	UVFD LAFCO SHARE	\$2,133.91	91521400-52100	CONTRACTED SERVICES	\$2,133.91
					Vendor Total:	\$2,133.91
NICK BARBIERI TRUCKING LLC	1860525	FUEL AS NEEDED	\$908.30	91521400-56210	FUEL & FLUIDS	\$908.30
					Vendor Total:	\$908.30
OVERHEAD DOOR COMPANY OF SANTA ROSA	44012	NEW DOOR FOR 141 LOVERS LANE	\$1,445.01	91521400-54100	SUPPLIES	\$1,445.01
					Vendor Total:	\$1,445.01
RAY A MORGAN COMPANY	1658814	COPIER USAGE	\$46.21	91500000-52100	CONTRACTED SERVICES	\$46.21

List of Checks Presented for Approval on 7/27/2017

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt.	Invoice Account Detail and Allocation Detail		
RAY A MORGAN COMPANY	1658814.2	COPIER LEASE	\$36.52	91521400-52100	CONTRACTED SERVICES	\$36.52
					Vendor Total:	\$82.73
RESPECTECH	33780	PHONE SYSTEM SERVICES AND LEASE	\$112.50	91500000-55100	TELEPHONE	\$112.50
	33780.2	PHONE SYSTEM SERVICES AND LEASE	\$112.50	91521400-55100	TELEPHONE	\$112.50
					Vendor Total:	\$225.00
STAPLES CREDIT PLAN	3345338463	HANGING FILES - UVFD	\$12.12	91500000-54100	SUPPLIES	\$12.12
					Vendor Total:	\$12.12
US BANK EQUIPMENT FINANCE	334692969	LEASE OF COPYSTAR COPIER	\$152.10	91521400-54500	EQUIP RENTS AND LEASES	\$152.10
					Vendor Total:	\$152.10
US CELLULAR	0199650483	CELLULAR PHONES	\$62.24	91521400-55100	TELEPHONE	\$62.24
					Vendor Total:	\$62.24
WARREN COOK	062217	AERIAL PHOTOS	\$40.00	91500000-54100	SUPPLIES	\$40.00
					Vendor Total:	\$40.00
WASTE MANAGEMENT	2705998-2561-8 -1	PRORATED CHARGE 1/1/17	\$12.72	91500000-55210	UTILITIES	\$12.72
	2706000-2561-2 -1	PRORATED CHARGE 1/1/17	\$12.72	91500000-55210	UTILITIES	\$12.72
	2705998-2561-8 -2	GARBAGE SERVICE - NORTH STATION	\$56.82	91521400-55210	UTILITIES	\$56.82
	2706000-2561-2 -2	GARBAGE SERVICE - SOUTH STATION	\$56.82	91521400-55210	UTILITIES	\$56.82
					Vendor Total:	\$139.08
					INVOICE TOTAL:	\$8,101.24



AGENDA SUMMARY REPORT

SUBJECT: Authorization to Submit an Application for Department of Finance Transitional Housing Grant and Authorization for the City Manager to execute all necessary documents along with the addition of corresponding budget amendments if funds are awarded.

DEPARTMENT: Economic Development

PREPARED BY: Shannon Riley

ATTACHMENTS:

None

Summary: The Council is asked to authorize the City of Ukiah to apply for a Department of Finance Transitional Housing Grant, with the expectation that Ford Street would receive \$300,000 annually and the City of Ukiah Police Department would retain \$450,000 annually for two years. No matching funds are required and the County of Mendocino has retained Hopper & Rodin Associates to write the grant.

Background: The Department of Finance (DOF) has announced a grant opportunity for cities or counties to assist agencies that are expanding housing and supportive services for the re-entry population. Ford Street Project would like to request the City of Ukiah apply for \$1.5M DOF Transitional Housing Grant, with the expectation that Ford Street would receive \$300,000 annually and the City of Ukiah Police Department would retain \$450,000 annually for two years.

RECOMMENDED ACTION: Authorize Staff to coordinate with the Ford Street Project on the application for a Department of Finance Transitional Housing Grant and Authorization for the City Manager to execute all necessary documents along with the addition of corresponding budget amendments if funds are awarded.

BUDGET AMENDMENT REQUIRED: Yes

CURRENT BUDGET AMOUNT: N/A

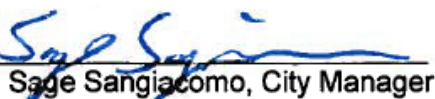
PROPOSED BUDGET AMOUNT: TBD; Contingent upon grant award

FINANCING SOURCE: DOF Grant

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: Chris Dewey, Director of Public Safety

Approved:


Sage Sangiacomo, City Manager

Discussion: The DOF grant, if received, would provide funding to the Ford Street Project and the City of Ukiah's Police Department. The target for this funding is the re-entry population, which, left unserved, can have a significant impact on public safety. Therefore, the goal is to both improve services for the re-entry population and supplement the public safety budget that is already impacted by it. It is important to note that this population already exists in Ukiah and that the proceeds of this grant will not be used for out-of-county residents.

Over the last year, over 70% of the clients in Ford Street's transitional housing program were referrals from the California State Department of Corrections, Mendocino County Probation and Public Defender's office. If received, the \$600,000 allocated to Ford Street would provide 40% of the operating budget for the transitional housing/sober living program. These dollars would help Ford Street with their start-up program costs and enable Ford Street to provide additional supportive services to the residents. These additional services include in-house care management support, expanded life-skill training, and outpatient treatment. The care management and life-skill training is designed to encourage and build competency beyond providing recovery support and focused on assisting clients attain improved self-sufficiency.

Focus areas include:

- Financial literacy and credit repair
- Parenting workshops
- Nutrition, gardening and cooking classes
- Housing assistance
- Employment assistance
- Education assistance

These funds will also provide the means to kick-off the Ford Street Alumni Program, designed to strengthen the local recovery community and foster ongoing support.

Of the \$1.5 million requested, the Ukiah Police Department (UPD) would receive \$900,000. The UPD desires to utilize these funds over the course of seven years to hire an additional sworn officer position. This new officer would be designated as a homeless/recidivism resource officer assigned to work on preventing newly-released inmates from reoffending, as well as getting current chronic substance abuse and homeless criminal offenders into treatment programs.

This new position would also work directly with the Ford Street Project, participating at Board Meetings and with the staff to help solve and mitigate problems at the facility and keep clients working towards employment and sober living goals.

This new officer would be added to the department's Special Enforcement Unit, which consists of a Sergeant, Officer and Crime Prevention Specialist. This unit regularly assists in working to mitigate and reduce crime in the Ukiah community that occurs as a result of the impacts associated with prison realignment, alcohol and drug addiction amongst offenders, and to reduce recidivism with this population. Additional efforts include partnerships with the community's medical street team, mental health services and community service groups like Plowshares, shelter services and other groups working to address the impacts of homelessness in the greater Ukiah Community.

In summary, this funding would provide one officer for seven years, plus equipment and academy training.

Background on the Ford Street Project:

Ford Street Project has been providing alcohol and drug treatment since its inception in 1974. Today, Ford Street's State licensed and certified substance use disorder (SUD) programs include:

- Ukiah Recovery Center, a 40-bed residential treatment facility located on the Buddy Eller campus

- Ukiah Recovery Center, a 22-bed sober living/transitional housing facility co-located on the same site
- An Outpatient Treatment Program located at 139 Ford Street, currently able to serve 20 clients.

Ford Street is in the process of becoming a Drug Medi-Cal provider and a Partnership HealthPlan contractor, as a part of California's Drug Medi-Cal Expansion effort. This expansion will create more demand for SUD services, and Ford Street is planning to expand its SUD program capacity to meet that need. Specifically, Ford Street intends to utilize the existing Ukiah Recovery Center facility exclusively to provide residential treatment, and build a new transitional housing and Outpatient Treatment facility adjacent to the Ukiah Recovery Center. This new facility will be able to house 22 men and 8 women. The Outpatient Treatment capacity will be significantly increased to support the 30 clients living on campus and an additional 30 clients.

This additional DOF funding would provide Ford Street the opportunity to mature their transitional housing program, determine their true costs, and track performance outcomes. With data to demonstrate the effectiveness and impact of these additional supportive services in the first two years, it is very likely Partnership HealthPlan, and/or other funders will assist Ford Street in sustaining the higher level of support.

Who Ford Street Serves:

Currently Ford Street has two primary contractors, The California State Department of Corrections and the Vet's Administration. Referrals from the State Department of Corrections are for non-violent, non-sex offenders, with most referrals being drug related offenders from Mendocino County. Those two large referral sources typically utilize about half of their residential treatment capacity. The list of the other agencies they contract with that make up the other half of their capacity include: Mendocino County Probation, Public Defender, Child Welfare, Mendocino County Health Clinic, multiple tribes and some self-referrals. It is important to note that they accept some child welfare referrals from outside Mendocino County for residential treatment only. Child Welfare organizations in both Tehama County and Lake County have current residential treatment contracts with Ford Street, but those clients are not eligible for transitional housing.

The County of Mendocino retains Hopper & Rodin Associates for grant writing, and has offered their services for this grant. No matching funds are required. At this time, Staff is recommending Council authorize the application for this grant and authorize the City Manager to execute all necessary documents along with the addition of corresponding budget amendments if funds are awarded.

There are no Attachments to this Agenda Item.



AGENDA SUMMARY REPORT

SUBJECT: Notification to City Council for the Purchase of a New 2017 Toyota Tacoma, from Thurston Chevrolet, Toyota, Scion for the Water Resources Department in the Total Amount of \$27,500 Including Tax and Delivery Charges.

DEPARTMENT: Water Resources

PREPARED BY: Jarod Thiele

ATTACHMENTS:

[Attachment 1 - Toyota Tacoma WTP Vehicle Replacement Justification](#)

Summary: Council will receive a report on the purchase of a new 2017 Toyota Tacoma Pick-up.

Background: Pursuant to the requirements of Section §1522 of the Municipal Code, staff is reporting to City Council the expenditure for the purchase of a new 2017 Toyota Tacoma Pick-up in the amount of \$27,500.00.

Discussion: Staff requested bids from more than twenty (20) new auto dealers. Two companies responded. The lowest bid was received from Thurston Chevrolet, Toyota, Scion of Ukiah in the amount of \$27,500 including tax and delivery charges. A purchase order was issued to complete the purchase. In this case, the local vendor preference policy was not applicable, as Thurston Chevrolet, Toyota, Scion was already the lowest bidder. The other bid received was from Silveira Buick, GMC of Healdsburg in the amount of \$30,791.03.

This vehicle is used daily by the Water Resources Department Water Treatment Plant to perform all duties

RECOMMENDED ACTION: Receive report.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: \$30,000, Account #82024411.80100

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: Water Fund

PREVIOUS CONTRACT/PURCHASE ORDER NO.: P.O. #44962

COORDINATED WITH: Dave Kirch, Fleet Maintenance Supervisor; Mary Horger, Procurement Manager; Michelle Whyburn, Interim Water Treatment Plant Supervisor; Sean White, Water Resources Director

Approved: _____


Sage Sangiacomo, City Manager

associated with the Water Treatment Plant's daily operations. This purchase was budgeted in the Fiscal Year 2017-2018 Budget in the amount of \$30,000 in account #82024411 (Water).

The vehicle being replaced is a 2005 Jeep Liberty with 92,753 miles on it. The Vehicle Replacement Justification is included as Attachment #1.



Fleet Vehicle Justification

Proposed Vehicle: 2017 Toyota Tacoma, 4X2, Double Cab

Department: Water Resources

Area of use: Water Treatment Plant

Prepared by: Jarod Thiele, Public Works Management Analyst; Dave Kirch, Fleet Maintenance Supervisor

1 VEHICLE PURPOSE

Need for vehicle within Department fleet

This vehicle will be used daily to make the rounds for the Wells, Water Reservoirs, Booster Pump Stations and to Collect samples.

2 REPLACEMENT JUSTIFICATION

2.1 Current Vehicle

Description, Mileage, Funding Source and Market Value

2005 Jeep Liberty with 92,753 miles. This vehicle was purchased new in 2005 with Water Funds. The fair market value \$2,900

2.2 Maintenance Costs

Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

Overall Mechanical Condition: Poor

Maintenance Costs: Parts and Labor costs in the last two years have been \$5,600

Out of Service Time: One month

Parts Availability: Aftermarket parts are available

Associated Safety Issues: Transmission not shifting to Park at times

2.3 Shared Resources

Define any resources currently available within the City of Ukiah fleet which could be utilized for this purpose.

No shared resources are recommended

3 PROPOSED VEHICLE SPECIFICATIONS

Proposed Vehicle Specifications

2017 Toyota Tacoma, 4X2 Double Cab

4 ALTERNATIVE FUEL AND CARB REGULATIONS

4.1 Alternative Fuels Availability

Proposed Vehicle Alternative Fuels Availability
Alternative fueled vehicles of this type are not available

4.2 CARB STANDARDS

CARB STANDARDS
This vehicle meets CARB Standards



AGENDA SUMMARY REPORT

SUBJECT: Authorize Execution of an Amendment to the Agreement with SHN in an Amount Not to Exceed \$30,465 for Additional Services for the North State Street – Low Gap Road Storm Drain and Traffic Signal Project and Approve Budget Amendments.

DEPARTMENT: Public Works

PREPARED BY: Tim Eriksen

ATTACHMENTS:

[Attachment 1 - SHN Proposal 4-27-16](#)

[Attachment 2 - SHN Proposal 7-19-16](#)

[Attachment 3 - SHN Proposal 8-30-16](#)

[Attachment 4 - SHN Proposal 11-8-16](#)

[Attachment 5 - SHN Proposal 1-19-17](#)

[Attachment 6 - SHN Proposal 8-30-17](#)

Summary: City Council will consider authorizing an amendment to the professional services agreement with SHN for additional services for the North State Street - Low Gap Road Storm Drain and Traffic Signal Project. City Council will also consider authorizing a corresponding budget amendment for the additional services.

Background: At the August 2, 2017, Regular City Council Meeting, the City Council awarded Granite Construction Company the construction contract for North State Street Intersection - Low Gap Road / Brush

RECOMMENDED ACTION: Authorize execution of amendment to the agreement with SHN in an amount not to exceed \$30,465 for additional services for the North State Street - Low Gap Road Storm Drain and Traffic Signal Project and approve budget amendment.

BUDGET AMENDMENT REQUIRED: Yes

CURRENT BUDGET AMOUNT: \$0

PROPOSED BUDGET AMOUNT: Engineering: #10024210.52100 - \$10,155; STP d(1): #50924220.80230 - \$10,155; Local Transportation Funds: #50824220.80230 - \$10,155

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: COU No. 1516-229

COORDINATED WITH: N/A

Approved: _____


Sage Sangiacomo, City Manager

Street, Storm Drain and Signalization Improvements, Specification No. 17-02.

At the September 7, 2016, Regular City Council Meeting, the City Council approved additional design work which included the full intersection design and design of the frontage improvements along Brush Street. The City is obligated to construct these frontage improvements (retaining wall, sidewalk, curb, and gutter).

For reference, staff has also included the original scope of work (Attachment #1) and the supplemental scopes of work (Attachments #2, #3, #4, #5).

Discussion: Engineering staff in preparing for construction of the above referenced project has identified that the pavement reconstruction extension will require additional ADA upgrades. The project is proposed to reconstruct the road through the intersection of Brush Street and Mazzoni Street. This work will require the addition of two accessible ramps on the north side of Brush Street at this intersection. The proposed scope of work changes, also proposes the creation of right-of-way acquisition documents. Once the design is completed, staff will work with Granite on the pricing for the additional construction work.

Staff has reviewed the proposal for the additional work from SHN (Attachment #6) and found the proposed fee to be commensurate with the scope of work. Staff recommends approval of a contract amendment for this work and approval of the corresponding budget amendment.



CONSULTING ENGINEERS & GEOLOGISTS, INC.

335 S. Main St. • Willits, CA 95490-3977 • 707/459-4518 • FAX: 707/459-1884 • willitsinfo@shn-engr.com

Reference: 415080.200

April 27, 2016

Richard Seanor
Deputy Public Works Director
City of Ukiah
300 Seminary Avenue
Ukiah, CA. 95482

**Subject: Engineering Services Proposal - Low Gap Road and North State Street
Drainage and Curb Return Improvements**

Dear Mr. Seanor :

SHN Consulting Engineers & Geologists, Inc. (SHN) offers to provide engineering and surveying services for the preparation of plans to reconstruct the northeast and northwest curb returns at the intersection of Low Gap Road and North State Street to facilitate the installation of new curb return with a larger radius and ADA accessible ramps on the two corners. This work is necessary due to an existing collapsing storm drain on the northwest corner of Low Gap Road and State Street, and a grade conflict with an existing storm drain crossing State Street and the new 10-inch sewer main currently being constructed in the center of North State Street.

Our services would include performing a field survey of the existing intersection improvements and preparation of a topographic map to be used as a base map. We will research the available plan records to determine the most cost effective way to construct a new storm drain across State Street between the northern curb returns. We will also design new drain inlet locations to efficiently capture the runoff on Low Gap Road and State Street so the new drain inlet and the gutter drainage does not adversely impact the proposed ADA pedestrian ramp. Based on a preliminary review of existing plans and a site inspection, we have determined that some relocation of signal poles and below-grade electrical wiring will need to be relocated to accommodate the new curb radius and the ADA ramps.

We will prepare a site grading plan for the new curb returns and drainage inlets, storm drain profile, site plan for relocation of signal poles and wiring pull boxes, and details for ADA ramp, drainage inlets, sidewalk, curb and gutter, together with general specification and notes on the plans. We will prepare these plans for a fee of \$9,780.

Sincerely,

SHN Consulting Engineers & Geologists, Inc.

A handwritten signature in black ink that reads "Thomas M. Herman". The signature is written in a cursive, flowing style.

Thomas M. Herman
Regional Principal

TMH: amg



Reference: 415080.200

July 19, 2016

Richard Seanor
Deputy Public Works Director
City of Ukiah
300 Seminary Avenue
Ukiah, CA 95482

Via email: rseanor@cityofukiah.com

**Subject: Engineering Services Contract Amendment - North State Street
Intersection and Storm Drainage Improvements -Low Gap Road/Brush
Street**

Dear Mr. Seanor :

Under your direction, we submitted an engineering services proposal on April 27, 2016 for the preparation of plans for new curb returns on the northwest and northeast corners of North State Street and Low Gap Road/Brush Street together for the repair of the collapsed storm drain at the northwest corner of North State Street and Low Gap Road. When SHN Consulting Engineers & Geologists, Inc. (SHN) started the original discussions regarding this work, the City of Ukiah was only considering the improvements to the northwest corner curb return and repair of the collapse sidewalk to be constructed as a Contractor Change Order for extra work. We were directed by Tim Eriksen during a meeting to put the project on hold temporarily because of complications with the Contractor working on the Sewer Main Improvements project. We were later directed by yourself to move forward with preparing an estimate for engineering services and to include both the northeast and northwest corner curb returns and repair the of the collapsed storm drain at the northwest corner. It was the hope that this work could be added to the North State Sewer Project Improvements by Contractor Change Order. We provided a proposed cost of \$9,780 for the preparation of engineering plans for this work with a budget to facilitate a quick, internal approval so the engineering work could be started in an effort to provide plans to the Contractor for a Change Order budget prior to the finishing of the existing project. We endeavored to perform these services as quickly as possible. We understood this effort would include the relocation of two traffic signal poles and the associated pull boxes and electrical conduits in the sidewalk.

Subsequent to the authorization of the original work order, the following elements were added to the Scope of Work at different times, and were thus included on the plans per the direction of various City of Ukiah personnel:

- While SHN was in the process of preparing plans, it was discovered the existing storm drain in North State Street was in grade conflict with the new sewer main and had to be compromised to construct the new sewer main. It was also noted that the existing CMP storm drain was rusted along the spring line and was in need of replacement. It was then confirmed that the storm drain across North State Street needed to be replaced. We thus included the new storm drain improvement to our plans.

Richard Seanor

Contract Amendment - Low Gap Road & North State Street Drainage and Curb Return Improvements

July 19, 2016

Page 2

- After I requested the right of way documents that were prepared in 1995, we discussed the realignment of the sidewalk and driveway on Quest Mart property on Brush Street.
- In the process of realigning the sidewalk, it was determined that the Quest Mart sign pole would have to be moved thus a footing design was calculated.
- While SHN was preparing the new curb alignment, we were directed by yourself to replace the existing traffic light pole on the northeast corner with one large enough to provide a left turn arrow module on the mast arm over North State Street. Also, left turn arrow signal modules were to be added on all of the appropriate signal poles together with a Gridsmart camera traffic signal control system.
- We later had discussions about including the rehabilitation of Brush Street where we recommended providing a new structural section as opposed to an overlay. Thus, a new structural section and limits of the rehabilitation work were prepared.
- During a Sewer Project walk with Tim Eriksen and Jarod Thiele, we were directed to add pavement rehabilitation for North State Street and Low Gap Road to the project plans.
- Relative to reconstructing the structural section on Brush Street, we suggested that the remaining section of CMP storm drain on Brush Street to the corner of Mazzoni Street should be replaced as well so future digging in Brush Street to repair a rust out storm drain would not necessary.
- Upon completing a 95% complete set of plans, we then prepared a Bid Schedule with construction items and quantities for the preparation of a Bid by TGI. We have since provided pdf plans to TGI and City of Ukiah for Bid Estimate and final review.

At this juncture, SHN would like to respectfully submit a request to the City of Ukiah for additional compensation for the extra work that was performed relative to the above described elements that were added to the completed plans. To date, our additional engineering services fees for the preparation of the North State Street Intersection and Storm Drainage Improvement Plans are \$23,840.

On July 18, 2016, the City of Ukiah requested a fee for preparing Contract Documents and Technical Specifications for the bidding of the North State Street Intersection and Storm Drain Improvements at Low Gap/Brush Street. SHN will prepare the Contract Documents and Technical Specifications using base digital documents provided by the City of Ukiah for a fee of \$8,540. We will provide the City of Ukiah a digital copy of the Contract Documents together with digital copies of the project plans for submittal to Builders Exchange Plan rooms. We will also provide three (3) hard copies of the Contract Documents and full size Project Plans signed by a California Registered Civil Engineer.

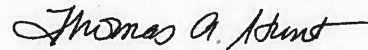
The proposed amendment to the Engineering Services Contract is \$23,840 for design services completed, plus an additional fee of \$8,540 for the finalization of the project plans and the preparation of Contract Documents and Technical Specifications, for a total contract increase of \$32,380.

Richard Seanor
**Contract Amendment - Low Gap Road & North State Street Drainage and Curb Return
Improvements**
July 19, 2016
Page 3

Please review this request and call or email us at your earliest convenience to discuss the future direction for finalizing this work and the adjustment to our engineering services contract fees. We appreciate the opportunity to work with the City of Ukiah on this project and we are looking forward to providing our services on future projects.

Sincerely,

SHN Consulting Engineers & Geologists, Inc.



Thomas A. Hunt, PE
Senior Civil Engineer
Project Manager

TAH:amg

cc: Jarod Thiele, City of Ukiah
Email: jthiele@cityofukiah.com

**CONSULTING ENGINEERS & GEOLOGISTS, INC.**

335 S. Main St. • Willits, CA 95490-3977 • 707/459-4518 • FAX: 707/459-1884 • willitsinfo@shn-engr.com

Reference: 416056.100

August 30, 2016

Richard Seanor
Deputy Public Works Director
300 Seminary Avenue
Ukiah, CA. 95482

Via email: rseanor@cityofukiah.com

**Subject: Engineering Services Contract Amendment – North State Street
Intersection and Storm Drainage Improvements – Low Gap Road/Brush
Street**

Dear Mr. Seanor:

Under your direction and discussion with Tim Eriksen, Public Works Director, we are submitting an estimate to amend to our existing engineering services agreement for the preparation of construction plans, contract documents, and to provide assistance during bidding for the subject North State Street Intersection Improvements. We have been directed to 1) add an ADA accessible ramp on the existing southwest curb return, 2) design a complete ADA ramp with a new 35 foot radius curb return for the southeast corner, and 3) design frontage improvements along the south side of Brush Street from North State Street to the end of the existing sidewalk improvements across from the intersection with Mazzoni Street and within the right of way previously purchased by the City of Ukiah.

These new frontage improvements include retaining walls, driveways, new utility stubs for future development of the adjacent parcel, and special foundation support for the existing structure which will be effected by the widening and construction of the Brush Street improvements. The widening of Brush Street will allow for a left turn lane with reasonable stacking distance and safer vehicle and pedestrian flow on Brush Street. These improvements will also facilitate a full left turn traffic signalization of the intersection. A new traffic signal pole with an overhead mast will be added to the southeast corner of the intersection. A complete left turn arrow signal plan is being prepared for the intersection. In addition, we are redesigning the storm drains for the intersection to include all four corners of the intersection and to accomplish the full abandonment of the existing steel culverts which have been found to be failing. Due to the number of existing underground utilities crossing this intersection, the design of the storm drain is complicated and will be very deep to pass under the existing utility piping.

We are setting up the plans and contract documents to bid this work as one project but will phase the construction work. Phase One would be performed as soon as the project can be bid and awarded this fall because of the importance of rebuilding the storm drain that was severed to construct the new sewer main in North State Street. During the sewer main construction, it was noted that the existing steel storm drains crossing State Street were all perforated with rust holes. During the construction of the new storm drain, it is anticipated that new curb returns would be constructed along with the relocations of existing traffic poles and installation of new poles and traffic signal modules to create left turn arrows in all directions. It is important that the storm drainage work be performed as a first priority along with the other associated improvements,

Richard Seanor
**Engineering Services Contract Amendment - No. State St. Intersection & Storm Drainage
Improvements - Low Gap Rd/Brush St.**
August 30, 2016
Page 2

unless a temporary alternative can be installed. We would then suggest that after the storm drains, curb returns, the shoulder construction adjacent to the new curb returns, and the signalization work and Phase One street striping is completed that work be suspended until spring.

In the spring, Phase Two construction would resume to address the improvements along the Brush Street frontage, reconstruction of the structural section of Brush Street together with pavement rehabilitation in State Street and Low Gap Road and in the intersection. Once the new pavement rehabilitation and reconstruction is completed, the Phase Two striping plan would be applied for a finished project.

We anticipate having 95% of plans and contract documents ready for the City of Ukiah staff to review during the week of September 6, 2016. We assume that some minor revisions may be necessary after review by staff and we would then prepare a final set of plan and contract documents as quickly as possible, signed by a California Registered Civil Engineer and submitted to the City of Ukiah. We will provide the City ten (10) full-size sets of plans together with PDF files of the same. We will also provide three (3) sets of bound Contract Documents, a Word document file and a PDF file of the Contract Documents. We will prepare an Engineer's Opinion of Cost for the proposed improvements. Providing the City with assistance during bidding to help answer contractor questions as needed and preparing a bid tabulation of the submitted bids will also be performed. Our estimated amendment to the engineering services agreement which includes providing the aforementioned services, final signed plans for bidding, and bidding assistance is \$25,266.

Sincerely,

SHN Consulting Engineers & Geologists, Inc.



Thomas A. Hunt, PE
Senior Civil Engineer
Project Manager

TAH: amg



Reference: 416056.100

November 8, 2016

Richard Seanor
Deputy Public Works Director
300 Seminary Avenue
Ukiah, CA. 95482

Via email: rseanor@cityofukiah.com

Subject: Engineering Services Contract Amendment – North State Street Intersection, Traffic Signalization, and Storm Drainage Improvements – Low Gap Road/Brush Street

Dear Mr. Seanor:

Under your direction, we are submitting a final estimate to amend to our existing engineering services agreement for the preparation of construction plans, contract documents, and to provide assistance during bidding for the subject North State Street Intersection Improvements.

After completing a set of plans and contract documents which addressed the previously discussed additions to the project plans we have performed additional revisions to the plans, specifications, and contract documents to include the following items:

- Add utility services and details for the southeast corner parcel to the plan sheets per new documents subsequently provided by Mr. Seanor after being found in old project files.
- Add new chain link fencing and gate along the length of the property on the south side Brush Street.
- Modify the drainage piping from the Ceja Tire parking lot drain inlet.
- Perform engineering analysis to look at street grades and existing utility grades to see if a temporary storm drain from the northwest corner of the intersection could be constructed to an existing drain inlet at another corner.
- Performing additional modifications to the contract documents to be consistent with new City of Ukiah formats after printing and binding of a final set of contract documents.
- Perform revisions to the Notice to Bidders document and add a bidder's checklist, adding City of Ukiah sample insurance forms, together with renumbering of the table of contents after each modification or addition to the contract documents.
- Creating a specification and bid item for the Contractor to perform Public Noticing of traffic control and closures in the intersection.
- Create a specification for Night Construction and a bid alternate item.
- Perform research for the estimate cost of Night Construction and amend the Engineer's Opinion Cost for the project.
- Prepare a new set of pdf plots of the plans and a pdf file of the contract documents after performing revisions adding the various notes and details referred to herein.
- Print a new set of original full size plans with the final revisions.
- Print and bind three new sets of contract documents for submittal to the City of Ukiah.

To date our total approved budget for the North State Street Intersection improvements is \$67,426. Our total billing invoiced to date is \$68,031.45 as of September. Since the first of October we have accrued a

total of \$11,503.79 in labor and print expenses. In addition we would like to reserve a budget of 8 hours for bidding assistance if so needed during the next few weeks of the bidding process. SHN would respectfully like to request an amendment to this contract in the amount of **\$13,269** to complete our engineering services through bid the opening of this project on November 30, 2016.

The total budget for Engineering design services for the North State Street Intersection, Traffic Signalization, and Storm Drainage Improvements – Low Gap Road/Brush Street would be **\$80,695**. Relative to the estimated construction budget of \$1,396,558 the design services fees are equivalent to 5.8% of the estimate.

Sincerely,

SHN Consulting Engineers & Geologists



Thomas A. Hunt, PE
Senior Civil Engineer
Project Manager

TMH/tjc

**CONSULTING ENGINEERS & GEOLOGISTS, INC.**

335 S. Main St. • Willits, CA 95490-3977 • 707/459-4518 • FAX: 707/459-1884 • willitsinfo@shn-engr.com

Reference: 416056.100

January 19, 2017

Richard Seanor
Deputy Public Works Director
300 Seminary Avenue
Ukiah, CA. 95482

By e-mail: rseanor@cityofukiah.com

**Subject: Engineering Services Contract Amendment – North State Street Intersection,
Traffic Signalization, and Storm Drainage Improvements – Low Gap
Road/Brush Street**

Dear Mr. Seanor:

Under your direction and discussion with Tim Eriksen, we are submitting an estimate to amend our existing engineering services agreement for additional services for the North State Street Intersection Traffic Signalization, and Storm Drainage Improvements – Low Gap Road/Brush Street Project (Project).

Based on the City Council's direction, staff rejected the contractor bids for the Project due to a Contractor protesting information not included on another Contractor's bid. Since the construction bids for the Project have been rejected, we have prepared the following to rebid the Project with the associated modifications identified during the previous bidding process and additional items of work as described herein.

We will prepare modifications to the plans and contract documents for the project plans to include the bidder questions and additional specification language included in the bid addendum, together with the following additional items of work:

- Perform engineering analysis of the feasibility of locating and constructing a 12 inch recycled water pipe from the Mazzoni Street intersection westerly within Brush Street, across the State Street intersection and westerly within Low Gap Road to five feet beyond the proposed improvements. Locating the proposed recycled water main will require analyzing the location and depths of existing water, sewer, gas, storm drains, telephone, and underground power conduits to maintain Title 22 separation from the existing water mains and clearance with other utilities.
- Meet with the City of Ukiah staff to discuss the recycled water main feasibility.
- Add elements to the traffic signal system per comments from the City Electrical Department.
- Obtain additional sewer depth data to be added to the street profile of Brush Street for sewer lateral construction.

Mr. Rick Seanor
North State Street Contract Amendment
 January 19, 2017
 Page 2

- Prepare a new plan and profile sheet, and trench details for the recycled water main construction.
- Prepare a new specification section for the recycled water main construction.
- Modify the sheet numbering and index to add the new plan and profile, and trench details.
- Prepare revisions to the Notice to Bidders document.
- Prepare revisions to the Bid Schedule.
- Prepare miscellaneous revisions to the contract documents to revise bid dates, order of work, and specifications.
- Prepare an updated engineer's opinion of cost for the construction project.
- Submit a set of plans and contract documents for review and comment by City staff.
- Prepare a new set of .pdf plots of the project plans, and a .pdf file of the contract documents after performing final revisions and provide a digital copy to the City for posting to their construction bidding website.
- Print a new set of original full size updated plans, with the revisions and additions.
- Obtain a wet signature on the project plans and contract documents.
- Print and bind three new sets of contract documents for submittal to the City of Ukiah.
- Provide 10 sets of printed full size plans to City of Ukiah.
- Provide assistance to City staff answering technical questions and preparing any addendums during the bidding process.

To date, our total approved budget for the Project is \$80,695 as completed through the initial bid process. SHN will perform the above described additional services under this contract for an amount not to exceed \$14,160.

The total budget for Engineering Design services for the Project would be \$94,855.

Sincerely,

SHN Consulting Engineers & Geologists



Thomas A. Hunt, PE
 Senior Civil Engineer
 Project Manager

TAH/alh



Reference: 416056.200

August 30, 2017

Tim Eriksen, Public Works Director
City of Ukiah
300 Seminary Avenue
Ukiah, CA. 95482

By e-mail: teriksen@cityofukiah.com

Subject: Additional Engineering Services Contract Amendment – North State Street Intersection, Traffic Signalization, and Storm Drainage Improvements – Low Gap Road/Brush Street Project –Brush Street/ Mazzoni Street Accessibility Improvements

Dear Mr. Seanor:

Under the direction of the City of Ukiah (City) staff, SHN Consulting Engineers & Geologists, Inc. (SHN) is submitting an estimate to amend the existing Service Agreement for additional services for the North State Street Intersection Traffic Signalization and Storm Drainage Improvements – Low Gap Road/Brush Street Project.

SHN will prepare modifications to the plans to include ADA compliant sidewalk curb returns on the two corners of Mazzoni Street at the intersection with Brush Street. Also, the proposed driveways on the south side of Brush Street will be modified to provide an ADA path of travel at the back of the sidewalk, together with adding curb, gutter and sidewalk on the north side of Brush Street where none currently exists. The preparation of the modified project plans will include the following:

TASK ONE

- Perform research and calculation of the existing right-of-way to determine the feasibility of constructing a 25-foot curb return on the northwest corner of Mazzoni Street.
- Perform additional topographic surveying, boundary control, and prepare an updated topographic surface for design of the additional frontage and storm drainage improvements.
- Prepare a new storm drain plan with details to address adding the curb return with an ADA ramp adapting or revising the existing grated junction box and the existing storm drain configuration that joins in the inlet at the northwest corner of the Mazzoni Street intersection.
- Prepare a plan and profile, and details to add curb, gutter, and sidewalk along the north side of Brush Street from the Mazzoni Street curb return westerly approximately 170 feet to the end of the existing sidewalk within the existing right-of-way.
- Meet with the City staff to discuss the alignment options.
- Analyze plan layout options for the northeast corner curb return to upgrade the existing ADA ramp, addressing the existing utilities in the sidewalk at the corner.

- Prepare modifications to the plan and detail of the retaining wall on the south side of Brush Street to create a 45 degree chamfer at the end of the retaining wall adjacent to the driveway entrance to provide clearance for the a 36-inch ADA path at the back of the driveway.
- Review the proposed curb return improvements with the City staff to review utility conflicts and possible right-of-way deficiencies which compromise the ADA compliance.
- Submit the revised plans to City staff for review of the Mazzoni Street and Brush Street frontage improvement revisions.
- Perform any final plan revisions and print a new set of full-size updated plans, with the revisions and additions.
- Prepare a bid schedule with the deletions and additions of new work to be submitted to the contractor for a change order bid.
- Obtain a wet signature on the revised project plans.
- Print and bind five new sets of full-size and half-size plans for submittal to the City.
- Provide the City with a pdf plot file of the new version of the improvement plans.
- Provide assistance to City staff answering technical questions from the contractor during construction of the project improvements.

TASK TWO

- Prepare right-of-way acquisition documents, consisting of legal descriptions and plats for curb return improvement over each parcel at the intersection of Mazzoni Street and Brush Street. (The City of Ukiah to provide preliminary title reports to verify title information prior to preparation of easement deeds.)

To date, our total approved budget for the Project is \$94,855 as completed through the re-bid process. SHN will perform the above described additional services under this contract for an amount not to exceed \$26,465 for TASK ONE and \$4,000 (2 parcels) for TASK TWO.

The total budget for Engineering Design services for the Project will be \$125,320.

Sincerely,

SHN Consulting Engineers & Geologists



Thomas A. Hunt, PE, PLS
Senior Civil Engineer
Project Manager

TAH:amg



AGENDA SUMMARY REPORT

SUBJECT: Authorize City Manager to Execute the Subrecipient Agreement with the Mendocino Council of Governments.

DEPARTMENT: Public Works

PREPARED BY: Rick Seanor

ATTACHMENTS:

[Attachment #1 - MCOG subrecipient agreement - Ukiah FY 2017-18](#)

Summary: The City Council will consider approving an agreement with the Mendocino Council of Governments which will establish the terms and conditions under which certain funds are expended and reimbursed.

Background: As a result of intensified oversight by the State of California, the Mendocino Council of Governments (MCOG) is now required to execute subrecipient agreements with each jurisdiction which receives funding from MCOG.

Discussion: The subrecipient agreement (Attachment #1) prepared by MCOG sets forth the terms and conditions under which various MCOG funds are expended and reimbursed by the City of Ukiah. The following funds are covered by this agreement:

Local Transportation Funds (LTF) under the Transportation Development Act (TDA)
State Rural Planning Assistance (RPA)
State Planning, Programming & Monitoring (PPM)
Regional Surface Transportation Program (RSTP)

RECOMMENDED ACTION: Authorize City Manager to execute agreement.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: N/A

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: Phil Dow, Executive Director - Mendocino Council of Governments

Approved: _____


Sage Sangiacomo, City Manager

Other funding sources, such as grants, to be identified as applicable annually

The MCOG annual Transportation Planning Overall Work Program (OWP) is the primary source of funds covered by this agreement. MCOG funding under the OWP is for Transportation Planning type projects and has included in the past the City's Update of Speed Zone Surveys, the Ukiah Bicycle and Pedestrian Master Plan, and the City of Ukiah Safe Routes to School Plan and many more. For Fiscal Year 2017-2018, the OWP projects for the City of Ukiah are: Update Speed Zone Reports, Traffic Analysis for Realignment of Talmage Road, and the Comprehensive ADA Access Plan Update. In addition the OWP will provide reimbursement of City staff transportation related training. The RSTP funds [STP d(1)] are funds distributed by MCOG to the City of Ukiah to be used only on projects located on collector or arterial streets. The City has identified STP d(1) funding for the Washington Avenue reconstruction and the State Street / Low Gap Road and Brush Street project. Staff recommends that the City Council authorize the City Manager to execute the subrecipient agreement.

**SUBRECIPIENT AGREEMENT
BETWEEN
MENDOCINO COUNCIL OF GOVERNMENTS
AND
CITY OF UKIAH**

THIS AGREEMENT is made and entered into effective July 1, 2017 between City of Ukiah ("Subrecipient") and Mendocino Council of Governments ("MCOG"), the Regional Transportation Planning Agency for Mendocino County, California.

WHEREAS, this agreement covers certain local, state or federal funds administered by and through MCOG that are allocated to Subrecipient for projects and services, and sets forth the terms and conditions under which these funds are to be expended and reimbursed, including:

- Local Transportation Funds (LTF) under the Transportation Development Act (TDA)
- State Rural Planning Assistance (RPA)
- State Planning, Programming & Monitoring (PPM)
- Regional Surface Transportation Program (RSTP)
- Other funding sources, such as grants, to be identified as applicable annually;

WHEREAS, MCOG's annual Transportation Planning Overall Work Program (OWP) is part of an agreement with the State of California Department of Transportation (Caltrans), which includes the Overall Work Program Agreement (OWPA) and Master Fund Transfer Agreement (MFTA), and together, the OWP, the OWPA and MFTA set forth the terms and conditions under which state and federal planning funds are to be expended by MCOG and its subrecipients;

WHEREAS, Subrecipient is eligible to apply for and receive state and federal financial assistance as a public body corporate and politic of the State of California;

WHEREAS, Subrecipient has agreed to participate with MCOG, local and state agencies, the general public, and the private sector in planning efforts to identify and plan policies, strategies, programs and actions that maximize and implement the regional transportation infrastructure, consistent with MCOG's adopted OWP, and to participate in the regional planning process;

WHEREAS, MCOG and Subrecipient intend to cooperate to ensure the timely development, adoption and implementation of integrated comprehensive regional plans and policies, as set forth by federal and state requirements and guidelines; and

WHEREAS, for any terms or conditions covered under this AGREEMENT that may be superseded by other grant or fund agreement(s) signed by MCOG, an exhibit identifying "Special Conditions" shall prevail; therefore

IT IS MUTUALLY AGREED THAT:

1. Annual Agreement with Subrecipient and Amendments

- a. This AGREEMENT constitutes a five-year Master Agreement, and may be amended by mutual written agreement. Exhibits are subject to annual renewal. The fiscal year begins July 1 and ends June 30. The term of this Master Agreement is July 1, 2017 through June 30, 2022.
- b. This AGREEMENT includes an exhibit detailing "Subrecipient Scope of Work and Budget" (Exhibit A) and an optional "Sample Subrecipient Invoice" (Exhibit B) hereinafter referred to as Exhibits A and B respectively, attached hereto and incorporated herein by reference. Any proposed amendment to the Scope or Budget (Exhibit A) must be made in advance by written amendment and is subject to approval by Caltrans or any state or federal agency having jurisdiction.
- c. This agreement includes MCOG's "Adopted Policies & Instructions," attached as Exhibit C.
- d. This AGREEMENT may include "Special Conditions" hereinafter referred to as Exhibit D, attached hereto. This Exhibit D is purposed to outline requirements for other funds as may be applicable annually.
- e. MCOG's maximum payment obligation to Subrecipient is limited to those funds identified in Exhibit A.
- f. Billable work cannot be performed without this fully signed AGREEMENT and corresponding notice to proceed.

2. Scope of Subrecipient Responsibilities

- a. Subrecipient shall be responsible for the complete performance of the work described in Exhibit A.
- b. In accordance with Uniform Guidance 2 CFR 200, sections 318 through 326, inclusive and applicable state laws and procedures, Subrecipient contracts for work identified in the attached Exhibit A under "Consultant Work" are required to be competitively bid and awarded in accordance with 2 CFR 200 sections 318 through 326, inclusive and consistent with the Caltrans Local Assistance Procedures Manual, Chapter 10, or successors thereto, or applicable procurement procedures as required by funding source.
- c. Subrecipient shall ensure that its Contractor(s) and Subcontractor(s) comply with all provisions of this agreement.

3. Time of Performance

The services provided pursuant to this AGREEMENT shall begin upon issuance of a Notice to Proceed by MCOG to Subrecipient and shall continue until completion, but not later than June 30 of each year, unless an extension of time is approved by MCOG in writing.

4. Materials to be Furnished to Subrecipient

- a. At the option of MCOG, and if allowable under federal and state requirements, MCOG may procure equipment, software, or other materials for use by Subrecipient, only for purposes of

carrying out work described under this AGREEMENT. Subrecipient agrees to comply with all license agreements for software or other materials procured by MCOG for use by Subrecipient.

- b. All equipment or other materials provided to Subrecipient under this AGREEMENT shall remain the property of MCOG and shall be returned to MCOG upon project completion or termination, unless other terms are mutually agreed to in writing.

5. Invoices, Reporting and Deliverables

- a. In performing the work described in Exhibit A, Subrecipient may incur only the costs authorized by Exhibit A. Said costs shall comply with Section 6 (Cost Principles) of this AGREEMENT. Subrecipient shall submit to MCOG, not more frequently than every month, but at least annually, each requisition for payment (invoice), unless no funds were expended during the fiscal year.
- b. Subrecipient shall submit the following relative to an invoice:
 - i. An invoice with supporting documentation, including receipts for all direct costs, and including, but not limited to, documentation of per diem as allowed (refer to Section 5d), in accordance with Exhibit B.
 - ii. Any additional information or documentation to support the costs contained in the invoice if requested by MCOG.
- c. Subrecipient shall submit an invoice with supporting documentation to MCOG no later than thirty (30) days after the fiscal year ending June 30. Invoices received by MCOG after July 31 for the preceding fiscal year shall not be paid. This deadline may be waived if mutually agreed to by MCOG and Subrecipient, in writing.
- d. For travel and subsistence (per diem) expenses of Subrecipient and its contractors, rates shall not exceed rates authorized to be paid rank and file state employees under current State Department of Personnel Administration (DPA) rules. If the rates invoiced by Subrecipient are in excess of DPA rates, MCOG will not reimburse those amounts in excess of the DPA rates. Mileage reimbursements shall not exceed the federal business mileage rate (www.irs.gov). Travel and per diem reimbursements and third-party contract reimbursements to subcontractors will be allowable as project costs only after those costs are incurred and paid for by the subcontractors.
- e. Payment of Subrecipient invoices is contingent upon receipt by MCOG of the above documentation provided by Subrecipient, consistent with Sections 6 through 8 of this AGREEMENT. Payment to Subrecipient is further contingent upon MCOG's determination that the performance of Subrecipient meets federal, state and MCOG standards. MCOG shall review Subrecipient invoices and submit them to the County Auditor-Controller for payment within thirty (30) days of receipt.

- f. Subrecipient shall not be entitled to reimbursement of indirect costs unless a copy of a federal cognizant agency-approved, indirect cost allocation plan has been received by MCOG prior to submittal of the first invoice from Subrecipient.
- g. Subrecipient mark-up of direct expenses or of subcontractor invoices are not allowable; therefore MCOG will not pay Subrecipient for any such increases to actual costs incurred.
- h. Subrecipient shall provide a quarterly progress report, in narrative form, that describes progress toward completion of tasks, projects, and products, as well as conformance with project schedules and reporting of all costs incurred for the work elements contained in Exhibit A, no later than thirty (30) days after close of the quarter.
- i. Subrecipient shall provide hard copies of all completed products and/or deliverables to the assigned MCOG Project Manager, and in a commonly used electronic format, at the discretion of the MCOG Project Manager, as referenced in Section 7 of this AGREEMENT, according to the schedule of deliverables in Exhibit A.
- j. All final reports and documents produced under this AGREEMENT shall include the following statement:

"The preparation of the report was financed in part through [insert funding source and agency] as facilitated by Mendocino Council of Governments as the Regional Transportation Planning Agency."

Alternatively, certain language may be required by state or federal funding agencies, to be specified in Exhibit D.

6. Cost Principles

- a. Subrecipient agrees to be bound by and comply with, and shall require its Consultants and/or Contractors to comply with, the following:
 - i. 2 CFR, Subtitle A, Chapter II, Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, shall be used to determine the allowability of individual project cost items; and
 - ii. The federal administrative procedures in accordance with Uniform Guidance 2 CFR, Subtitle A, Chapter II, Part 200 "Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments."
- b. Any costs for which Subrecipient receives payment or credit that is determined by a subsequent audit or other review by either MCOG, Caltrans, or other state or federal authorities to be unallowable under, but not limited to, 2 CFR Part 200 or 48 CFR Chapter 1, Part 31, shall be repaid by Subrecipient within thirty (30) days of Subrecipient receiving notice of audit findings.

- c. All costs charged to this AGREEMENT by Subrecipient shall be supported by properly executed payrolls showing labor (wage) rates per hour, time records, and invoices and vouchers evidencing in proper detail the nature of the charges. These costs shall comply with the cost principles cited above in Section 6(a) of this AGREEMENT.

7. Written and Electronic Versions of Work Products and Related Materials

- a. Subrecipient shall provide copies of all of its deliverables, as well as support data created pursuant to Exhibit A, to MCOG in an approved electronic format. Hard copies will also be provided to MCOG upon request. Related materials, including any reports, newsletters, or other written materials, will also be provided in hard copy and/or electronic format, upon request by MCOG.
- b. Any graphics or images accompanying the text of these written materials shall be included in the electronic version, in a format (e.g. JPEG, BMP, or PNG) as requested by MCOG staff. The quality of the images will be a minimum of 300-600 DPI resolution, typically a file size of 3MB or more.
- c. The electronic versions of all written materials, data files, and accompanying graphics or images shall, when printed or otherwise displayed, appear in the identical format, location, quality, and state of replicating in which they appear in the hard copy versions.
- d. Materials in the electronic version shall be presented to MCOG in a medium pre-approved in writing by the MCOG Project Manager. For reports this would typically be in Microsoft Word and Adobe Acrobat formats.
- e. The applicable funding agency shall have a royalty-free, nonexclusive and irrevocable license to reproduce, publish or otherwise use, and authorize others to use, work products funded under this AGREEMENT for government purposes.

8. Records Retention and Audits

- a. If Subrecipient receives Local Transportation Funds, Subrecipient shall submit to MCOG an annual certified fiscal audit conducted by an entity other than itself, in compliance with the Transportation Development Act (TDA), Section 99245. A report on the audit shall be submitted to MCOG and to the State Controller within 180 days after the end of the fiscal year. However, MCOG may grant an extension(s) not to exceed a total of 90 days in writing, at its sole discretion. The report shall include a certification that the funds allocated to Subrecipient pursuant to TDA were expended in conformance with all applicable laws, rules and regulations. Except for the first report, the report shall also include the audited amounts for the fiscal year prior to the fiscal year audited.
- b. For the purpose of determining compliance with California Government Code section 8546.7, as well as any other state or federal law or regulation, Subrecipients and their contractors shall maintain all source documents, books, and records connected with their performance of work

initiated under this AGREEMENT and each annual MCOG OWP for a minimum of three (3) years from the date of final payment to Subrecipient, or until audit resolution is achieved for each annual MCOG OWP, whichever is later. During this time, all of the above referenced parties shall make all such supporting materials available for inspection and audit, at their respective offices at all reasonable times, by representatives of MCOG, the state, the Bureau of State Audits, or the federal government upon request. Copies will be made and furnished to MCOG upon request, at no cost to MCOG.

- c. Subrecipient shall establish and maintain, and shall require that its Contractor(s) establish and maintain, an accounting system conforming to Generally Accepted Accounting Principles (GAAP) to support invoices that segregate and accumulate the costs of work elements by line item (i.e. direct labor, other direct costs, subcontractors, etc.) and enable the determination of incurred costs at interim points of completion, and provide support for reimbursement payment vouchers or invoices.
- d. Subrecipient agrees to include all costs associated with this AGREEMENT and any amendments thereto to be examined in the annual audit and, if applicable, in the schedule of activities to be examined under a single audit prepared by Subrecipient in compliance with Office of Management and Budget Circular A- 133.
- e. Neither the pendency of a dispute nor its consideration by MCOG, Caltrans, or the state will excuse Subrecipient from full and timely performance in accordance with the terms of this AGREEMENT.
- f. Subrecipient agrees to furnish documentation to MCOG to support this requirement that its Agreement(s) with Contractor(s) contain provisions requiring adherence to this Section in its entirety.

9. Certifications and Assurances

- a. Subrecipient shall adhere to the requirements contained in MCOG's annual Certification and Assurances ("FHWA and FTA State and Metropolitan Transportation Planning Process Self-Certification") submitted as part of MCOG's OWP, pursuant to 23 CFR 450.334 and 23 U.S.C. 134. Such requirements shall apply to Subrecipient to the same extent as MCOG and may include, but are not limited to:
 - i. 23 U.S.C. 134, 49 U.S.C. 5303, and subpart C of 23 CFR part 450;
 - ii. In nonattainment and maintenance areas, sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506(c) and (d)) and 40 CFR part 93;
 - iii. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;

- iv. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
 - v. Section 1101(b) of the FAST Act (Pub. L. 114-94) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
 - vi. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
 - vii. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101, et seq.) and 49 CFR, parts 27, 37, and 38;
 - viii. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
 - ix. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
 - x. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.
- b. Subrecipient shall additionally comply with Federal and State Lobbying Activities Certification:
- i. By signing this AGREEMENT, Subrecipient certifies, to the best of its knowledge and belief, that no state or federal funds have been paid or will be paid, by or on behalf of Subrecipient, to any person for influencing or attempting to influence an officer or employee of any state or federal agency, a Member of the State Legislature or United States Congress, an officer or employee of the Legislature or Congress, or any employee of a Member of the Legislature or Congress in connection with the awarding of any state or federal contract, the making of any state or federal grant, the making of any federal loan, the entering into of any cooperative agreement, or the extension, continuation, renewal, amendment, or modification of any state or federal contract, grant, loan, or cooperative agreement.
 - ii. If any funds other than state or federal funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, Subrecipient shall complete and submit Federal Standard Form-LL, "Disclosure Form to Report Lobbying," in accordance with those form instructions.
 - iii. This certification is a material representation of fact, upon which reliance was placed when this AGREEMENT was entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S.C., and by

the MFTA between MCOG and Caltrans or, alternatively, the grant agreement with the respective funding entity. Any persons who make a prohibited expenditure or fail to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

- c. Subrecipient shall comply with any other applicable federal, state and local laws, including without limitation, all federal regulatory requirements associated with the applicable federal funding.
- d. Subrecipient shall further require its Contractor(s) to comply with these Certifications.

10. Equal Employment Opportunity/Nondiscrimination

- a. In the performance of work undertaken pursuant to this AGREEMENT, Subrecipient, for itself, its assignees, and successors in interest, shall affirmatively require that its employees and Contractor(s) shall not unlawfully discriminate, harass or allow harassment, against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (including cancer), age (over 40), marital status, denial of family and medical care leave, and denial of pregnancy disability leave.
- b. Subrecipient shall ensure that the evaluation and treatment of their employees and applicants for employment, as well as their contractors, are free from such discrimination and harassment. Subrecipient shall comply with the provisions of the Fair Employment and Housing Act (Government Code section 12900, et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, section 7285.0, et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing the Government Code sections referenced above, are incorporated into this AGREEMENT by reference and made a part hereof as set forth in full. Subrecipient shall give written notice of their obligations under this clause to labor organizations with which they have collective bargaining or other labor agreements.
- c. In the event of Subrecipient's noncompliance with the nondiscrimination provisions of this AGREEMENT, MCOG shall impose such contract sanctions as it, Caltrans, or other applicable funding agency may determine to be appropriate, including, but not limited to:
 - i. Withholding of payments to Subrecipient under this AGREEMENT until Subrecipient complies; and/or
 - ii. Cancellation, termination or suspension of the AGREEMENT, in whole or in part.
- d. Subrecipient shall permit access to all records of employment, employment advertisements, application forms, and other pertinent data and records by the State Fair Employment Practices and Housing Commission or any other agency of the State of California designated by the State to investigate compliance with this section.

- e. Subrecipient shall include the provisions of this Section in every agreement with its Contractor(s). Subrecipient shall take such action with respect to any such agreement as MCOG, Caltrans, or other applicable funding agency may direct as a means of enforcing such provisions, including sanctions for noncompliance including, but not limited to:
 - i. Withholding of payments to contractor under any agreement with contractor until contractor complies; and/or
 - ii. Cancellation, termination or suspension of the agreement in question, in whole or in part.

11. Prevailing Wage and Labor Requirements

- a. Should Subrecipient award any construction contracts utilizing Federal funds under this Agreement, Subrecipient agrees to comply with all pertinent statutes, rules and regulations promulgated by the federal government including, but not limited to, (i) prevailing wage requirements of the Davis Bacon Act (40 U.S.C. §276a, et seq.) and related regulations (29 CFR Part 5); (ii) anti-kick back and payroll records requirements of the Copeland “Anti-Kickback” Act (40 U.S.C. §276c and 18 U.S.C. §874) and related regulations (29 CFR Part 3); and (iii) workweek computation and overtime requirements of the Contract Work Hours and Safety Standards Act (40 U.S.C. §327-333) and related regulations (29 CFR Part 5).
- b. Should Subrecipient award any “public work” contract, as defined by California Labor Code Section 1720, utilizing State funds under this Agreement, Subrecipient agrees to comply with all pertinent California statutes, rules, and regulations including, but not limited to, prevailing wage provisions of Labor Code Section 1771.
- c. Any contract or subcontract entered into as a result of this Agreement will contain all of the provisions of this section.

12. Conflict of Interest

Subrecipient and its officers, employees, and agents, including Contractor(s), that perform work under this AGREEMENT shall comply with federal and state conflict of interest laws, regulations and policies.

13. Independent Contractor

Subrecipient and its officers, employees, and agents shall be independent contractors in the performance of this AGREEMENT.

14. Disadvantaged Business Enterprise (DBE)

- a. It is the policy of MCOG, the California Department of Transportation, and the U.S. Department of Transportation, that Disadvantaged Business Enterprises (DBEs), as defined in 49 CFR Part 26, shall have an equal opportunity to receive and participate in the performance of agreements financed in whole or in part with Federal Highway Administration (FHWA)/Federal Transit Administration (FTA) funds provided under this AGREEMENT.

- b. Subrecipient, its employees, and its Contractor(s) shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of FHWA/FTA funds-assisted contract or in the administration of MCOG's DBE program per the requirements of 49 CFR Part 26. Failure to carry out the requirements of this paragraph shall constitute a breach of contract and may result in termination of this AGREEMENT or such other remedy MCOG may deem appropriate.
- c. Subrecipient shall, as required by 49 CFR Part 26, include applicable language into all contracts funded in whole or in part with FHWA or FTA funds.

15. Disputes

- a. Should either party to this AGREEMENT bring legal action against the other (formal judicial proceeding, mediation or arbitration), it is hereby agreed that this Agreement will be administered and interpreted under California law and that the matter shall be handled in Mendocino County Superior Court, California, and that the party prevailing in such action shall be entitled to a reasonable attorney's fee which shall be fixed by the judge, mediator, or arbitrator hearing the case and such fee shall be included in the judgment, together with all costs.
- b. Neither the pendency of a dispute nor its consideration by MCOG, Caltrans, and/or the respective funding agency will excuse Subrecipient from full and timely performance in accordance with the terms of this AGREEMENT.

16. Severability. If any term or provision of this Agreement, or the application thereof to any person or circumstance will, to any extent, be invalid or unenforceable, the remainder of this Agreement will not be affected thereby, and each term and provision of this Agreement will be valid and enforceable to the fullest extent by law, unless the exclusion or application of, such term or provision, would result in such a material change so as to cause completion of the obligations defined in this Agreement to be unreasonable.

17. Hold Harmless

- a. Subrecipient shall defend, indemnify and hold MCOG, its officers, agents and contracted staff, harmless from and against any and all liability, loss, expense, claims, or damages arising out of the performance of this AGREEMENT, but only in proportion to and to the extent such liability, loss, expense, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of Subrecipient, its officers, agents, employees, or Contractors.
- b. MCOG shall defend, indemnify and hold Subrecipient, its officers, agents and employees harmless from and against any and all liability, loss, expense, claims, or damages arising out of the performance of this AGREEMENT but only in proportion to and to the extent such liability, loss, expense, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of MCOG, its officers, agents or contracted staff.

- c. Subrecipient further agrees to reimburse MCOG for claims, demands, costs or liability associated with the incomplete performance of work contained in Exhibit A, in the event that the MCOG terminates this AGREEMENT in accordance with Section 22.b. herein.

18. Noncompliance

In addition to such other remedies as provided by law, in the event of noncompliance with any grant condition or specific requirement of this AGREEMENT, this AGREEMENT may be terminated.

19. Assignment

This Agreement cannot be assigned without the prior written consent of MCOG.

20. Successors

This Agreement will be binding on the parties hereto, their assigns, successors, administrators, executors, and other representatives.

21. Amendments Required by Federal or State Agencies

If the FTA, FHWA, Caltrans or any other federal or state agency having jurisdiction, requires a change to the terms of this Agreement, the parties will amend this Agreement as necessary, or will terminate it immediately.

22. Termination of Agreement

- a. Termination for Convenience: Either party may terminate this AGREEMENT at any time by giving written notice to the other party of such termination at least thirty (30) calendar days before the effective date of such termination. In such event, all finished or unfinished documents and other materials as described in the AGREEMENT shall be returned to MCOG at its option. Subrecipient shall return at the option of MCOG, all equipment, software, or other materials provided to Subrecipient under this AGREEMENT. If this AGREEMENT is terminated by MCOG, as provided herein, Subrecipient shall be reimbursed for expenses incurred prior to the termination date, in accordance with Section 6 through 8 of this AGREEMENT.
- b. Termination for Cause: If through any cause, Subrecipient shall fail to fulfill in a timely and proper manner its obligations under this AGREEMENT, or if Subrecipient violates any of the covenants, agreements, or stipulations of this AGREEMENT, MCOG shall thereupon have the right to terminate the AGREEMENT by giving not less than ten (10) calendar days written notice to Subrecipient of the intent to terminate and specifying the effective date thereof. MCOG shall provide a reasonable opportunity for Subrecipient to cure prior to termination. Upon termination, all finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs, reports or other materials prepared by Subrecipient under this AGREEMENT shall be provided to MCOG. At the option of MCOG, Subrecipient shall return all equipment, software, or other materials provided to Subrecipient under this AGREEMENT. Subrecipient shall be entitled to receive compensation for all work satisfactorily completed, in MCOG's judgment, in accordance with Exhibit A prior to the effective date of termination.

- c. Fiscal Funding Out: Subrecipient may terminate this AGREEMENT immediately upon email or other written notice should funding cease or be materially decreased during the term of this AGREEMENT.

23. Environmental, Resource Conservation, and Energy Requirements

Subrecipient recognizes that many federal and state statutes imposing environmental, resource conservation, and energy requirements may apply to the Project. Subrecipient agrees to adhere to any such federal and state requirements.

24. Notices

Any notice required or permitted to be given pursuant to this AGREEMENT shall be served by certified mail, return receipt requested, to the following addresses:

If to MCOG:

Mendocino Council of Governments
Attn.: Phillip J. Dow, Executive Director
367 N. State St., Suite 206
Ukiah, CA 95482

If to Subrecipient:

City of Ukiah
Attn.: Sage Sangiacomo, City Manager
300 Seminary Ave.
Ukiah, CA 95482

25. Counterparts

This Agreement may be executed in multiple counterparts, each of which will constitute an original, and all of which taken together will constitute one and the same instrument.

26. Ambiguities

The parties have each carefully reviewed this Agreement and have agreed to each term and condition herein. Each party has also had an opportunity to have this Agreement reviewed by legal counsel. No ambiguity will be construed against either party.

IN WITNESS WHEREOF, the parties hereto have executed this AGREEMENT on the date of the last signature below:

Mendocino Council of Governments:

City of Ukiah:

Phillip J. Dow, P.E., Executive Director

Duly authorized Subrecipient signatory

Date: _____

Date: _____

APPROVED AS TO FORM:

(Signature on file)

Douglas L. Losak
Law Offices of Duncan M. James
MCOG Legal Counsel

Date: July 5, 2017

(Blank Page)

EXHIBIT A

Subrecipient Scope of Work and Budget

Attached:

- A-1 Transportation Planning Overall Work Program (OWP)
 - Work Element 5 – Update Speed Zone Reports (*Carryover*)
 - Work Element 11 – Traffic Analysis for Realignment of Talmage Road
 - Work Element 12 – Comprehensive ADA Access Plan Update
 - Work Element 14 - Training
- A-2 Regional Surface Transportation Program (RSTP) Section 182.6 d(1)
Formula Distribution – Balances Available to Claim

(Blank Page)

EXHIBIT A-1

Subrecipient Scope of Work and Budget

TRANSPORTATION PLANNING OVERALL WORK PROGRAM (OWP)

WORK ELEMENT 5 – UPDATE SPEED ZONE REPORTS (*CARRYOVER*)**PURPOSE:**

The purpose of this project is to provide the five year update of engineering and traffic surveys for speed studies for the City of Ukiah. The adopted speed zone ordinance will provide for legally enforceable speed zones for all persons driving within the City of Ukiah. This work element supports the Local Streets and Roads goal in the Regional Transportation Plan to “provide a safe and efficient transportation network...” and the Non-Motorized Goal to “provide a safe and useable network for bicycle and pedestrian facilities....” as speed limit enforcement is expected to help improve safety for both motorized and non-motorized users.

PREVIOUS WORK:

The City of Ukiah completed and adopted (by ordinance) speed zone studies on July 18, 2012, funded through MCOG’s FY 2011/12 Overall Work Program.

TASKS: *Task 1 is expected to be completed in FY 2016/17*

1. *Prepare and distribute Request for Proposals, select consultant, award consultant contract. (City)*
2. Conduct speed zone surveys, perform traffic counts, and complete traffic surveys and analysis. (Consultant)
3. Present speed zone survey report with ordinance to Ukiah City Council for approval. (City)

PRODUCTS:

(1) Request for Proposals; (2) Citywide speed zone survey report; (3) Ordinance adopting speed zone survey report.

FUNDING AND AGENCY RESPONSIBILITIES:

Responsible Agency	Estimated Person Days	Budget	Funding Source	Fiscal Year
Consultant	35	\$ 2,325 \$32,675 \$35,000	State PPM Local LTF	2016/2017 C/O 2016/2017 C/O
Total	35	\$35,000		

ESTIMATED SCHEDULE:

Tasks	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2	x	x	x	x	x	x	x	x				
3									x	x	x	x

WORK ELEMENT 11 – TRAFFIC ANALYSIS FOR REALIGNMENT OF TALMAGE ROAD (NEW)

PURPOSE:

To prepare a traffic analysis for proposed realignment of Talmage Road in Ukiah. Talmage Road is an important regional roadway, and one of the most-travelled routes in Ukiah (the county seat) for both passenger trips and goods movement. It provides a direct link from U.S. 101 to one of the largest shopping areas in the County, and to Ukiah's main street (State Street). It transitions out of the city limits and becomes State Highway 222. This work element supports goals for Goods Movement and Local Streets and Roads in the Regional Transportation Plan.

PREVIOUS WORK: None.

TASKS:

1. Prepare and distribute Request for Proposals, select consultant, award consultant contract. (City)
2. Survey existing conditions and prepare conceptual plan for proposed realignment of Talmage Road. (Consultant)
3. Obtain intersection traffic counts at South State Street and Observatory Avenue, and at South State Street and Talmage Road. (Consultant)
4. Evaluate South State Street and Observatory Avenue intersection alternatives (traffic signal versus roundabout). (Consultant)
5. Evaluate various alternatives to resolve traffic concerns at the South State Street and Talmage Road Intersection (Consultant)
6. Complete Final Report: Traffic Analysis for the Realignment of Talmage Road. (Consultant)
7. Present Traffic Analysis for the Realignment of Talmage Road to City Council for approval. (City)

PRODUCTS:

(1) Request for Proposals; (2) Final Report on the Traffic Analysis for the Realignment of Talmage Road.

FUNDING AND AGENCY RESPONSIBILITIES:

Responsible Agency	Estimated Person Days	Budget	Funding Source	Fiscal Year
Consultant	25	\$25,000	State RPA*	2017/2018
Total	25	\$25,000		

* Use of State RPA funds must be in accordance with Caltrans' procurement and other requirements (no consultant mark-up; approved travel rates, etc.) Contact MCOG staff with questions.

ESTIMATED SCHEDULE:

Tasks	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	x	x										
2-6			x	x	x	x	x	x	x	x	x	
7												x

WORK ELEMENT 12 – COMPREHENSIVE ADA ACCESS PLAN UPDATE (NEW)

PURPOSE:

To prepare an updated comprehensive plan for achieving compliance with the access requirements of the Americans with Disabilities Act (ADA) on public streets and sidewalks in the City of Ukiah.

PREVIOUS WORK:

A draft ADA Right-of-Way Transition Plan was completed in 2006. In addition, the City has completed an inventory of ADA ramps at all intersections within the City limits.

TASKS:

1. Prepare and distribute Request for Proposals, select consultant, award consultant contract. (City)
2. Survey existing conditions/review inventory of ADA ramps, etc. (Consultant)
3. Prepare facility access survey. Develop prioritization for ADA work. (Consultant)
4. Prepare ADA Self-Evaluation that summarizes policies and practices affecting ADA implementation and identifies any barriers to access for people with disabilities. (Consultant)
5. Prepare Transition Plan that identifies how access barriers will be removed. Prepare schedule for removal of barriers. (Consultant)
6. Present Comprehensive ADA Access Plan to City Council for approval. (City)

PRODUCTS: Request for Proposals; ADA Self-Evaluation; Facility Access Survey; Transition Plan; Comprehensive ADA Access Plan Final Report.

FUNDING AND AGENCY RESPONSIBILITIES:

Responsible Agency	Estimated Person Days	Budget	Funding Source	Fiscal Year
Consultant	35	\$35,000	State PPM	2017/2018
Total	35	\$35,000		

ESTIMATED SCHEDULE:

Tasks	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	x	x										
2-5			x	x	x	x	x	x	x	x	x	
6												x

WORK ELEMENT 14 – TRAINING

PURPOSE:

To provide funding for technical training in the transportation planning field to the Mendocino Council of Governments (MCOG) planning staff, and to local agency staff, to stay abreast of changes in the field.

PREVIOUS WORK:

This is an annual training work element that has been included in MCOG's Overall Work Program since FY 2003/04.

TASKS:

1. Attendance at transportation planning academies, seminars, workshops or training sessions that may be offered through Caltrans or other agencies. (MCOG, County, Cities, MTA). *This task includes staff time and direct costs (i.e. registration, travel, lodging, meals, etc.)*

PRODUCTS:

Educational and training materials; trained/educated staff.

FUNDING AND AGENCY RESPONSIBILITIES:

Responsible Agency	Estimated Person Days	Budget	Funding Source	Fiscal Year
MCOG <i>Direct Costs</i>	15 <i>n/a</i>	\$10,000 \$6,000	Local LTF Local LTF	2017/2018 2017/2018
County/Cities/ MTA <i>Direct Costs</i>	<i>n/a</i>	\$5,000	Local LTF	2017/2018
Total	15	\$21,000		

ESTIMATED SCHEDULE:

Tasks	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	x	x	x	x	x	x	x	x	x	x	x	x

The parties to this AGREEMENT agree to the terms of this Annual Exhibit and acknowledge that all applicable terms and conditions of the Master Agreement, effective July 1, 2017, shall apply:

Mendocino Council of Governments:

City of Ukiah:

Phillip J. Dow, P.E., Executive Director

Date: _____

Duly authorized Subrecipient signatory

Date: _____

Mendocino Council of Governments (MCOG)

EXHIBIT A-2
Subrecipient Scope of Work and Budget
(Refer to Exhibit C-2 for details)

Regional Surface Transportation Program (RSTP)
Section 182.6 d(1)
"d1 Fund"

Cumulative (Formula) Distributions by MCOG 1997/98 to 2017/18

	Distributed 2 years at once 8/3/1999	Distrib'd all at once 7/12/2000	Distrib'd all at once 6/14/2001	Distrib'd all at once 7/1/2002	New MCOG admin procedures*	Fully claimed 5/20/2008	Fully claimed 7/10/2006	New distrib'n policy adopted 6/5/2006**		New policy adopted 6/6/11***											Preliminary Estimate	FY 2005/06 to 2017/18	Balances Available to Claim
Fiscal Year:	1997/98	1998/99	1999/2000	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Totals	As of 7/17/2017
Partnership Fund/Local Assistance									50,000	75,000	100,000	100,000	100,000	190,000	190,000	190,000	190,000	190,000	190,000	190,000	190,000	1,945,000	NA
Point Arena	19,219	38,602	44,827	48,176	53,139	35,645	57,694	49,779	49,214	51,031	43,367	51,480	45,979	54,677	54,677	62,885	54,622	65,346	55,310	50,409	66,449	705,447	288,572
Willits	29,412	52,916	63,931	69,858	78,639	47,684	86,698	72,694	74,461	77,210	65,615	77,889	69,566	82,726	82,726	95,145	82,643	98,869	83,684	76,268	100,538	1,067,341	436,609
Fort Bragg	31,379	55,678	67,618	74,042	83,561	50,007	92,296	77,116	79,333	82,262	69,908	82,986	74,118	88,139	88,139	101,370	88,051	105,338	89,159	81,259	107,116	1,137,180	81,259
Ukiah	47,321	78,064	97,497	107,953	123,443	68,836	137,659	112,955	118,820	123,207	104,703	124,290	111,009	132,009	132,009	151,825	131,876	157,767	133,536	121,703	160,431	1,703,184	1,071,734
County DOT	34,996	60,756	74,396	81,734	92,608	54,279	98,937	85,246	88,290	91,550	77,801	92,355	82,486	98,091	98,091	112,816	97,992	117,231	99,226	90,433	119,210	1,265,571	90,433
TOTALS	162,327	286,016	348,269	381,764	431,390	256,452	473,283	397,791	460,119	500,261	461,393	528,999	483,158	645,642	645,642	714,041	645,185	734,551	650,915	610,072	743,745	10,561,015	1,968,606
Cross Check:	162,327	286,016	348,269	381,764	431,390	256,452	473,283	397,791	460,119	500,261	461,393	528,999	483,158	645,642	645,642	714,041	645,185	644,551	650,915	610,072	743,745	10,471,015	
																		Adjustment			Adjustment		
																		90,000			90,000		
																		734,551			10,561,015		
																					FY 1997/98 to 2017/18		
NOTES:																							

NOTES:

* Claimants to submit Annual Report, Project List, and compliance agreement each funding cycle.

** Reserves MCOG share "off the top" to capital fund for regional projects.

*** Reserves additional MCOG share "off the top" for Local Assistance - Project Delivery. Adjustment: Local Assistance not started until FY 2011/12.

(Blank Page)

EXHIBIT B

Sample Subrecipient Invoice

(Available by request in Excel format)

Agency Letterhead																													
INVOICE																													
Work Element/Project Title																													
To:		Invoice Date:																											
Mendocino Council of Governments																													
Attn.:		Invoice Number:																											
367 N. State St., Suite 206																													
Ukiah, CA 95482		Dates of Service:																											
Description of Activity	Personnel - Name & Title	Hourly Rate	Hours	Amount Billed																									
				\$0.00																									
				\$0.00																									
				\$0.00																									
				\$0.00																									
				\$0.00																									
				\$0.00																									
	Total Labor:			\$0.00																									
	Reimbursable Expenses - <i>attach receipts</i>	Item Cost	Quantity	Total Cost																									
				\$0.00																									
				\$0.00																									
				\$0.00																									
				\$0.00																									
				\$0.00																									
				\$0.00																									
	Total Reimbursable Expenses:			\$0.00																									
Total Amount Due:				\$0.00																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Overall Funding Summary</th> </tr> </thead> <tbody> <tr> <td style="text-align: right;">Total Budget</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td style="text-align: right;">Amount Previously Billed</td> <td></td> </tr> <tr> <td style="text-align: right;">Current Amount Billed</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td style="text-align: right;">Balance Remaining</td> <td style="text-align: right;">\$ -</td> </tr> </tbody> </table>					Overall Funding Summary		Total Budget	\$ -	Amount Previously Billed		Current Amount Billed	\$ -	Balance Remaining	\$ -															
Overall Funding Summary																													
Total Budget	\$ -																												
Amount Previously Billed																													
Current Amount Billed	\$ -																												
Balance Remaining	\$ -																												
I certify the charges for work billed are proper and that progress of the project is commensurate with cash disbursements being claimed on the "Total Amount Due" line above. I have reviewed the invoice and supporting documentation and concur that expenses are consistent with the scope of work.																													
<table style="width: 100%;"> <tr> <td style="width: 30%;">Agency Representative Signature:</td> <td style="width: 30%;"></td> <td style="width: 20%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>Print/type Name and Title:</td> <td></td> <td>Date</td> <td></td> <td></td> </tr> <tr> <td colspan="5"> </td> </tr> <tr> <td>Approved for Payment By:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Name of MCOG Representative:</td> <td></td> <td>Date</td> <td></td> <td></td> </tr> </table>					Agency Representative Signature:					Print/type Name and Title:		Date								Approved for Payment By:					Name of MCOG Representative:		Date		
Agency Representative Signature:																													
Print/type Name and Title:		Date																											
Approved for Payment By:																													
Name of MCOG Representative:		Date																											

(Blank Page)

EXHIBIT C

MCOG's Adopted Policies & Instructions

Attached:

- C-1 Transportation Planning Overall Work Program (OWP) Policies and Application Instructions (4 pages)
- C-2 Regional Surface Transportation Program (RSTP) Administrative Procedures (4 pages)
- C-3 Local Transportation Fund 2% Bicycle & Pedestrian Program Application Form (4 pages)

(Blank Page)

MENDOCINO COUNCIL OF GOVERNMENTS OVERALL WORK PROGRAM (OWP) POLICIES AND APPLICATION INSTRUCTIONS

General Information

The Mendocino Council of Governments has adopted a policy that a portion of Local Transportation Funds (LTF) will be allocated to assist in funding the annual transportation planning work program. Other funding sources for the work program include various State and Federal funds.

Eligible Applicants/Projects

Eligible applicants include the parties to MCOG's Joint Powers Agreement (JPA), which are the Cities of Ukiah, Willits, Fort Bragg, and Point Arena; and the County of Mendocino. Mendocino Transit Authority is also an eligible applicant. Other potential applicants must have an eligible JPA member sponsor agency.

Projects funded under the annual work program are of a planning nature, including studies related to transportation needs, technical assistance, transportation-related training for Technical Advisory Committee (TAC) members, Local Agency Staff, and MCOG staff; and administration of the work program, and direct costs.

Application Cycle/Schedule

The cycle for the OWP process shall begin annually October 15, at which time MCOG staff will forward the OWP application package consisting of these Policies and Application Instructions, an Application/Proposed Scope of Work Form (attached), and a Quarterly Report Form (attached) to TAC members. **There shall be a six week application period of October 15 - December 1**, with all applications due to the MCOG office no later than 5:00 p.m. on December 1 of each year (if this date falls on a weekend, the following Monday shall apply).

Applicants must submit fourteen (14) copies of the completed application/scope of work form, and one electronic copy. Incomplete applications or applications with insufficient copies will be returned to the applicant for completion.

A preliminary draft OWP is prepared by MCOG staff for review at the TAC level, and submitted to Caltrans by March 1. After incorporation of Caltrans' comments, a Final OWP is prepared for MCOG approval. The Final OWP is adopted along with the Regional Transportation Planning Agency annual budget in June of each year.

Quarterly Reporting/Payments

All agencies that are funded under the work program are required to submit quarterly progress reports to the MCOG office within 15 days following the end of each quarter. The progress of each work element is then compiled into a quarterly OWP report, which is submitted to the State.

Payments are tied to timely submittal of quarterly reports and satisfactory performance as determined by MCOG. Payments are made to work program participants upon invoicing with documentation of work performed, and subject to approval by MCOG's Executive Director.

Amendments

Any change in the approved work program requires an amendment approved by both MCOG and Caltrans, therefore any delays or problems should be promptly communicated with MCOG staff. Amendments to the approved work program are not allowed by Caltrans after April 1 of any year.

Carryover Requests

The program period for each work program is July 1 through June 30 of each year. Every attempt must be made to complete programmed activities within the programmed fiscal year; however, if there is a need to carry over a project to the next fiscal year for completion, the requesting agency must submit justification for the carry over to MCOG. Carryover requests are subject to the following restrictions:

Projects funded with State Rural Planning Assistance (RPA) funds are expected to be completed in the initial year of programming; however, limited extensions are possible and will be considered on a case-by-case basis (*subject to approval by the MCOG Executive Director*). Caltrans allows up to 25% of an agency's annual RPA allocation to be carried over for a maximum of one year, after the initial year of programming.

Projects funded with Local Transportation Funds (LTF) funds may be carried over (*subject to approval by the MCOG Executive Director*) for a maximum of two years, after the initial year of programming.

Projects funded with Planning, Programming & Monitoring (PPM) funds may be carried over (*subject to approval by the MCOG Executive Director*) for a maximum of two years, after the initial year of programming.

Grant funded projects are subject to the carryover provisions of the pertinent State or Federal funds.

Attachments: OWP Application – Scope of Work Form
OWP Quarterly Report Form

**MENDOCINO COUNCIL OF GOVERNMENTS
FY _____ OVERALL WORK PROGRAM
APPLICATION - PROPOSED SCOPE OF WORK**

Applicant Agency:**Date Submitted:****Contact Person:****Project Title:**

Use additional sheets as necessary to prepare outline.

GOAL/PURPOSE - What does this planning project intend to achieve? How does this planning work address the goals and objectives of the Regional Transportation Plan? See RTP pages 21-30 - available on MCOG's website www.mendocinocog.org.

PREVIOUS WORK - Has any related work been done in the past?

TASKS - List all tasks and responsible party for each task.

PRODUCTS - Identify products of the planning effort. How will these products be used to improve the state, regional, or local transportation system?

TIME SCHEDULE - Provide a monthly schedule by task. Schedule must indicate that all tasks can be completed in one fiscal year.

SAMPLE

Tasks	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	x	x	x									
2-6				x	x	x	x	x	x			
7										x	x	x

ESTIMATED PERSON DAYS/ COST BREAKDOWN - Provide estimated person days and costs for each agency and consultant.

PROPOSED FUNDING SOURCES & AMOUNTS - Provide amounts of proposed funding from all sources. Are there leveraging opportunities available? Has funding from other sources been sought for this planning project?

Notes:

1. Receipts and documentation are required for all direct costs, including copies of consultant invoices and receipts. Mark-up of direct costs is not allowed.
2. Travel costs are limited to Caltrans approved travel rates, available at the following link: <http://www.dot.ca.gov/hq/asc/travel/ch12/1consultant.htm#rr>.
3. It is applicant's responsibility to comply with all fiscal and procurement requirements of federal, state, regional, or local funding agencies.
4. The Transportation Development Act (TDA) requires recipients of Local Transportation Funds to submit annual fiscal audits to MCOG.

**MENDOCINO COUNCIL OF GOVERNMENTS
OVERALL WORK PROGRAM QUARTERLY REPORT
_____ Quarter, FY _____**

AGENCY:

DATE:

WORK ELEMENT NO./TITLE:

PURPOSE:

PROGRESS:

PRODUCT EXPECTED:

PROBLEMS:

OUTLOOK/STATUS:

FUNDS CLAIMED:

OWP Funding: \$_____

Claimed this quarter: \$_____

Claimed to date \$_____
(including current quarter):

Balance to be claimed: \$_____

MENDOCINO COUNCIL OF GOVERNMENTS

REGIONAL SURFACE TRANSPORTATION PROGRAM (RSTP)

Section 182.6(d)(1)

Administrative Procedures

As of September 15, 2003

Amended June 25, 2007

General Information

The Mendocino Council of Governments (MCOG) annually distributes the RSTP Section 182.6(d)(1) funds to the County of Mendocino, and the Cities of Ukiah, Willits, Fort Bragg, and Point Arena, based on a distribution formula adopted by MCOG on November 2, 1998 and amended on June 5, 2006.

Prior to this annual distribution of funds, an Exchange Agreement is executed annually between MCOG and the State Department of Transportation (Caltrans) to exchange these federal RSTP funds for state funds, thus eliminating the administrative burden of processing federal funds and some federal requirements for use of the funds.

Funding Cycle

During a normal funding cycle, MCOG receives instructions from the State to begin the process to exchange the RSTP funds sometime during the calendar year, resulting in an executed Exchange Agreement and receipt of funds by or near June 30 of each fiscal year. MCOG then notifies eligible claimants of the amount of available funding, per the formula distribution. Funds are then distributed to the County and Cities upon compliance with administrative requirements, as explained below.

Administrative Requirements/Response to Caltrans' Audit Findings

In response to the "Report on Caltrans Special Request Review" dated May 15, 2003, the following administrative requirements are hereby implemented to assure that the agencies receiving the RSTP funds are using the funds properly, and to assure that MCOG is properly tracking the funds.

1. Project Lists. Each entity shall be required to submit to MCOG a list of eligible projects on which they expect to expend the funds, prior to funds being distributed by MCOG. The list shall include the names of all streets and roads with potential projects, the type of project (*rehabilitation, maintenance, etc.*) and the functional classification based on the "annual maintained mileage report" prepared by each agency.
2. Agreement Compliance. MCOG is required to sign an annual Exchange Agreement with the State which states that MCOG (and project sponsors) agree to comply with required conditions. Therefore, each entity shall receive a copy of the agreement and be required to sign a statement of compliance in order to receive funds.
3. Annual Report. Each entity shall be required to submit an annual report before receiving new RSTP funds each annual cycle. The report shall indicate how funds were expended or explain if funds are being carried over for a larger project. The first annual report was due June 30, 2004. (Note: the annual report should agree with the project list submitted, otherwise provide a written explanation).

MENDOCINO COUNCIL OF GOVERNMENTS
REGIONAL SURFACE TRANSPORTATION PROGRAM (RSTP)
Section 182.6(d)(1)

Annual Project List – Fiscal Year _____
(List all Potential Projects)

<u>Street/Road</u>	<u>Type of Project</u>	<u>Functional Classification</u>	<u>Est. Amount</u>
--------------------	------------------------	----------------------------------	------------------------

_____ Authorized Signature	_____ Date
-------------------------------	---------------

Printed Name & Title

Agency

MENDOCINO COUNCIL OF GOVERNMENTS
REGIONAL SURFACE TRANSPORTATION PROGRAM (RSTP)
Section 182.6(d)(1)

**Statement of Compliance
with Exchange Agreement**

As required by MCOG's administrative procedures for the RSTP Section 182.6(d)(1) program, the undersigned claimant hereby acknowledges that he/she has received a copy of the Exchange Agreement dated _____ between MCOG and the State Department of Transportation (Caltrans), and agency agrees to comply with the applicable required conditions contained therein.

Authorized Signature

Date

Printed Name & Title

Agency

**This Page
For Reference Only
- Superseded by
"Subrecipient
Agreement"**

MENDOCINO COUNCIL OF GOVERNMENTS
REGIONAL SURFACE TRANSPORTATION PROGRAM (RSTP)
Section 182.6(d)(1)

Annual Report

Reporting Period: Fiscal Year ending 6/30/_____

Amount Received \$_____

Briefly describe how the RSTP funds were expended by your agency during the previous fiscal year. If expenditures do not match the previously submitted project list, please provide a written explanation.

If your agency is "saving" the RSTP funds for a larger project than cannot be funded in a single year, please indicate below. If funds are being carried over for any other reason, please explain.

1. RSTP d(1) funds were expended on the following project(s):

<u>Street/Road</u>	<u>Type of Project</u>	<u>Functional Classification</u>	<u>Amount</u>
--------------------	------------------------	----------------------------------	---------------

2. RSTP d(1) funds are being carried over as described below:

Authorized Signature

Date

Printed Name & Title

Agency



**MENDOCINO
COUNCIL OF GOVERNMENTS**

367 North State Street~Ukiah~California~95482
www.mendocinocog.org

PHILLIP J. DOW, EXECUTIVE DIRECTOR

Administration: Suite 206
(707) 463-1859
Transportation Planning: Suite 204
(707) 234-3434

Fiscal Year: _____

**APPLICATION FOR MCOG FUNDING
PEDESTRIAN and/or BICYCLE FACILITIES PROJECT**

Please complete each portion of the application in as much detail as possible/appropriate.

1. Project Name:	9. Line item cost estimate:
2. Applicant (City, County, MTA)	a. Environmental Documentation
3. Estimated Total Cost: \$	b. Design
4. Funding Requested: \$	c. Right-of-Way
5. Other Funding: (identify amounts & sources)	d. Construction
6. This Form Prepared By:	
7. Phone Number:	
8. Date:	
10. Description of project: Specify type of facility (pedestrian walkway, standard sidewalk, bikeway (Class I, II, or III) multi-use facility, ADA compliance, etc. How does this project implement the 2008 California Complete Streets legislation?	

11. How would this facility improve safety? (Upgrade existing facility, provide new facility, remove gaps in existing system?)										
12. How much use (in users per day, or per week) would this facility get? What is the basis for this estimate? (What is the traffic volume on adjacent street/road, if applicable?)										
13. To what extent would this facility be used by commuters? Commuters are people (including children) who use the facility for utilitarian purposes (including work, school, shopping, etc.). Identify below and on project map, non-motorized traffic generators and attractors (residential neighborhoods, schools, shopping, recreational areas, etc.) along or at termini of proposed project.										
14. What is the readiness of this project? Include milestones for each activity below: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black; padding-bottom: 5px;"><u>Activity</u></th> <th style="text-align: left; border-bottom: 1px solid black; padding-bottom: 5px;"><u>Date (mo/yr)</u></th> </tr> </thead> <tbody> <tr> <td style="padding-top: 10px;">Environmental</td> <td></td> </tr> <tr> <td style="padding-top: 10px;">Design</td> <td></td> </tr> <tr> <td style="padding-top: 10px;">Right-of-Way</td> <td></td> </tr> <tr> <td style="padding-top: 10px;">Construction</td> <td></td> </tr> </tbody> </table>	<u>Activity</u>	<u>Date (mo/yr)</u>	Environmental		Design		Right-of-Way		Construction	
<u>Activity</u>	<u>Date (mo/yr)</u>									
Environmental										
Design										
Right-of-Way										
Construction										

15. Will this project completely or partially implement a specific plan that has been developed and adopted for the area? Examples are: Downtown Design Plan, Community Action Plan, Downtown Streetscape Plan, ADA Implementation Plan, Transit Service Implementation Plan.								
16. Is the proposed project identified in or consistent with existing plans for the area (Bikeway Plan, City/County General Plans, Coastal Commission, Regional Transportation Plan, and others)? Identify where project is listed in plan or state how consistency with plan is achieved.								
17. What alternate sources of funding have been sought for this project? <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>Source</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Application Date</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Status</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Date Available if Approved</u></th> </tr> </thead> <tbody> <tr> <td style="height: 100px;"></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	<u>Source</u>	<u>Application Date</u>	<u>Status</u>	<u>Date Available if Approved</u>				
<u>Source</u>	<u>Application Date</u>	<u>Status</u>	<u>Date Available if Approved</u>					
18. Is this non-motorized project a component of a larger project? If so, provide details of the larger project								

19. What other funds have already been committed to this project?

<u>Fund Type</u>	<u>Amount</u>	<u>Documentation</u> (Funding Agreement, Resolution/Minute Order)

20. Does your agency currently have any open LTF 2% Bike & Pedestrian projects? If so, what is the status?

21. Other Comments:



AGENDA SUMMARY REPORT

SUBJECT: Authorize City Manager to Negotiate and Execute Lease Agreement with North Coast Opportunities for the Development and Operation of the Oak Street Park Veterans Community Garden.

DEPARTMENT: Community Services

PREPARED BY: Tami Bartolomei

ATTACHMENTS:

[Attachment 1 - Oak Street Garden Project](#)

[Attachment 2 - City of Ukiah and NCO Lease](#)

Summary: North Coast Opportunities (NCO) operates and manages a number of community garden sites throughout Lake and Mendocino Counties. Oak Street Park has been identified as an ideal location for a new garden site (Attachment #1). After hosting a community outreach and planning meeting at the Oak Park location, staff is requesting a lease agreement between the City of Ukiah and NCO for a Veterans Community Garden at an underutilized area in Oak Street Park.

Background: In April 2014, Council approved the City Manager to negotiate and execute a lease agreement between the City of Ukiah and NCO for a community garden at Vinewood Park. The Vinewood Park garden project has been very successful not only by providing fresh food to the neighborhood, but since the garden was established at the park staff has seen a decrease in vandalism.

RECOMMENDED ACTION: Authorize the City Manager to complete the steps necessary to finalize and execute a lease agreement between the City of Ukiah and North Coast Opportunities for the development and operation of a Veterans Community Garden at Oak Street Park.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: N/A

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: David Rapport, City Attorney

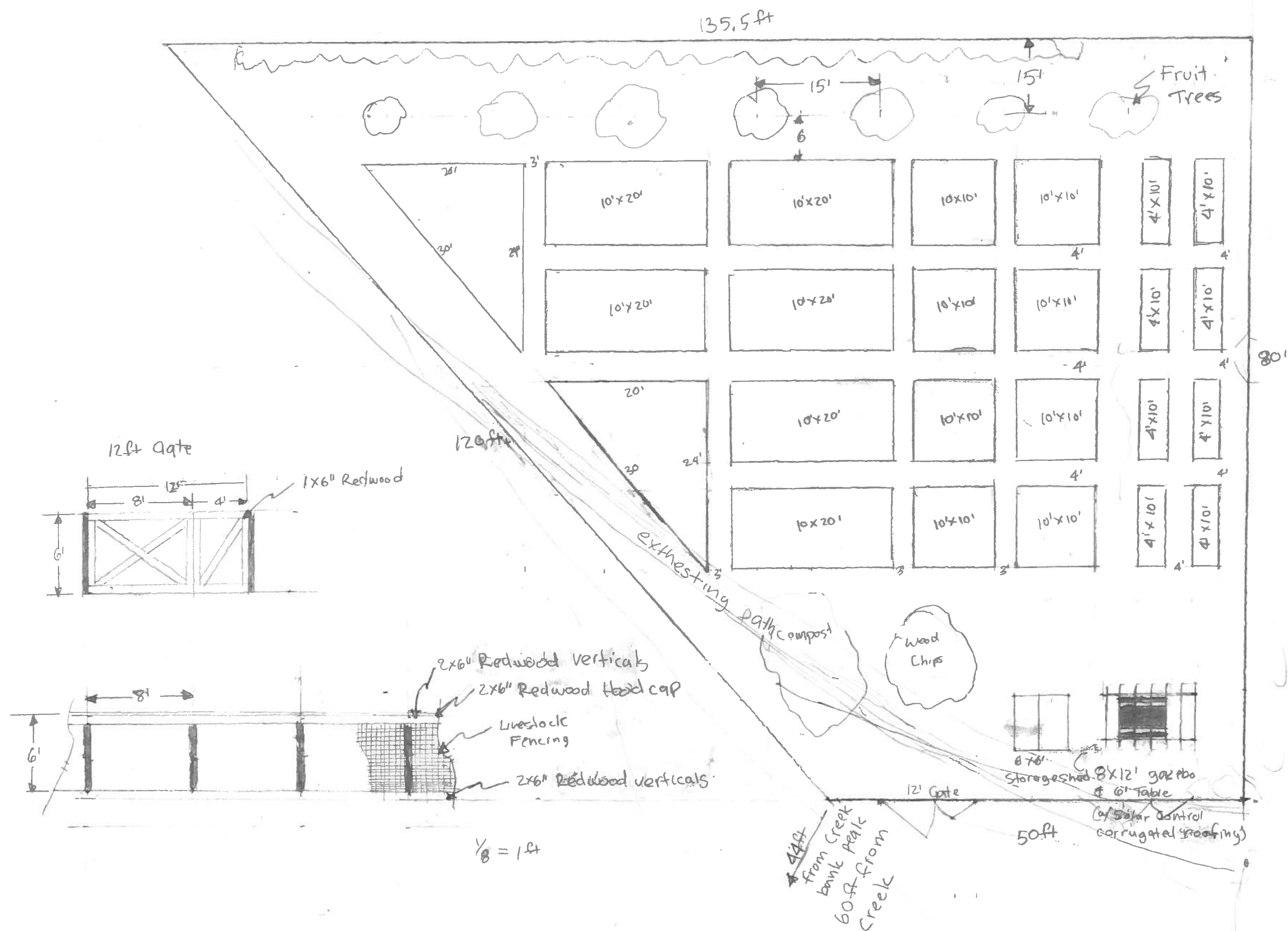
Approved: _____


Sage Sangiacomo, City Manager

Discussion: After visiting other sites, staff and NCO determined that Oak Street Park is currently underutilized and has good access; therefore the site would be an ideal location for a garden. If the lease is approved, the Oak Street Project will consist of a combination of in-ground beds and wheel-chair accessible raised beds within a fenced area (Attachment #1). The project site will be developed and operated by the NCO Gardens Project and maintained through a network of volunteers. Each plot will be assigned and cared for under a formal contract with NCO. The contract includes policies and guidelines for the maintenance of the plot. There is also a volunteer Garden Coordinator who oversees the communication and enforcement of the policies. In response to the need for water conservation, drip irrigation will be a requirement for each plot within the garden. Water for the garden will be supplied through an independent meter assigned and billed to NCO. The garden will have no fiscal impact on the City's budget.

Staff supports the proposed lease and feels that the City support of this project will continue the strong partnership with NCO and provide a healthy and active Veterans Community Garden.

Staff recommends that the Council authorize the City Manager to complete the steps necessary to finalize and execute the lease agreement. The draft lease agreement is included as Attachment #2; the term of the lease is through 2022, with the option for two 5-year renewals (at \$1 per year).



Drawing by
John Johns
462-5084

LEASE AGREEMENT

This Lease, made this 1st day of September, 2017, by and between the City of Ukiah, State of California, acting by and through its City Council, hereinafter referred to as “Lessor”, and North Coast Opportunities, a non-profit corporation organized and existing under and in compliance with the laws of the State of California and its officers, hereinafter referred to as “Lessee”.

RECITALS:

1. Lessor has the authority contained in Government Code §§37380 and 37395 and does determine that the use of certain property owned by the Lessor is not required for its use at this time and is available for Lease; and
2. The use of said property by the Lessee would be and is beneficial for the citizens of the City of Ukiah.

LEASE AGREEMENT

1. LEASE.

The parties hereto agree on the terms and conditions hereinafter expressed. Lessor does hereby let to Lessee and Lessee does hereby hire from Lessor a portion of Assessor's Parcel # 002-111-39 as more specifically described on the attached “Exhibit A” Oak Street Park (“Leased Premises”).

2. TERM.

The initial term of the lease will begin at the execution date and end December 31, 2022, with the option of two 5 year duration renewals thereafter.

3. RENT.

As rent for the term hereby demised, Lessee agrees to pay to Lessor the sum of One Dollar (\$1.00) per year in full consideration hereof for the use of said property.

3.1. Lessee specifically represents that it does not intend to make a profit on the use of the Leased Premises. All income derived from use of the Leased Premises shall be used exclusively to sponsor or promote community gardening on the Leased Premises or for improvements to the Leased Premises.

3.2. Lessee shall maintain regular books of account which it shall make available to Lessor upon demand for inspection or audit.

3.3 Lessee agrees to provide signage in a location of visibility on the Leased Premises which identifies Lessor as a sponsor of the Community Garden.

4. USE AND IMPROVEMENTS

Lessee hereby agrees to install all improvements which shall become part of said property and title to said improvements shall be vested in the Lessor upon termination of this Lease except as set forth herein.

4.1. Lessee shall use the Leased Premises exclusively as a community garden *under* the Lessee's sponsorship and supervision.

4.2. Improvements, excavations, removal of any trees, brush, grass or improvements and other modifications to the property shall be the sole responsibility of Lessee and shall be approved by Lessor prior to conducting work.

4.3. Lessee agrees to keep the Premises and all improvements in good repair and order and to bear the full cost for maintenance of all improvements.

4.4. Lessee shall acquire the necessary and required permits from the appropriate regulating body for the development proposed under this lease.

4.5. Lessee is responsible for the relocation, alteration, removal, construction, reconstruction of any municipal or private facilities, structures or utilities existing on Leased Premises which are presently in use or abandoned.

4.6. Lessee shall insure that no alcoholic beverages are possessed or consumed on the Leased Premises at any time. Lessee shall not use or permit the Leased Premises to be used except in full compliance with all rules, regulations, laws or ordinances of the City of Ukiah and the State of California. Lessee shall not permit use of the property for any reason after the hour of 10:00 PM. Lessee shall not permit vehicles to park on the Premises between the hours of 10:00 PM and 8:00AM, and shall properly post the Premises in accordance with Vehicle Code requirements.

4.7 Lessee shall be responsible for the cost of the water, metered to the Community Garden. Furthermore, the Lessee is aware that continued drought conditions may require mandatory conservation requirements that could impact the availability of water for irrigation purposes. This Lease does not guarantee that the City will be able to make water available for irrigation.

5. ASSIGNMENT.

Lessee will not assign this Lease or any interest therein and will not let or underlet the said Premises or any part thereof without the prior written consent of the Lessor.

6. INDEMNIFICATION AND INSURANCE

6.1. Lessor shall not be liable for and is free from the cost of any damages for personal injury or property damage resulting from the use made by Lessee of the Leased Premises, any defective condition or faulty construction of the Leased Premises existing at the time of letting or arising thereafter and Lessee covenants and agrees to indemnify and hold harmless said Lessor and its officers, agents and employees from and against any and all liability, loss, cost, or other obligation, including reasonable attorney's fees and costs, on account of or arising out of any such injuries or losses however occurring.

6.2. Lessee covenants and agrees during the life of this Lease at Lessee's sole expense to comply with the requirements of Exhibit B, Insurance Requirements for Lessees (No Auto Risks), attached hereto and incorporated herein by reference.

6.3. Notwithstanding the provisions of Exhibit B requiring Lessee to procure workmen's compensation insurance, Lessee need not procure such insurance provided all of the following conditions are met:

- a. It maintains its status as a non-profit tax exempt organization;
- b. Its Board of Directors takes no action to designate any person providing services or work to the organization as its employee; and
- c. All persons performing services for the organization do so strictly as volunteers without receiving any compensation whatsoever.

Lessee shall immediately notify Lessor if it fails to meet all of the conditions of this paragraph 6.3 and shall immediately thereafter comply with the workmen's compensation provisions of Exhibit B.

7. TERMINATION.

7.1. This lease or any renewal thereof, may be cancelled for any reason by either party on ninety (90) days written notice to the other party.

7.2. Lessor can cancel this Lease immediately for any breach of this lease by Lessee, including, but not limited to, failure to provide insurance, without any prior notice to Lessee.

8. ATTORNEY'S FEES.

Lessee shall pay Lessor its reasonable costs and attorney's fees if Lessor prevails in any legal action to enforce any of the terms of the Lease.

9. TIME OF ESSENCE.

Time is of the essence of this agreement.

10. WAIVER.

City's waiver of any default in Lessee's performance of any condition of this Lease, including the obligation to pay rent, shall not constitute a waiver of remedies available for a subsequent breach of the same or a different condition of this Lease. Acceptance of subsequent rental payments from Lessee or its assignees shall not constitute a waiver of the failure of Lessee to pay rent or obtain prior approval to an assignment of this Lease.

11. NOTICES

Any written notice required hereby shall be deemed sufficient *when placed in* the United States mail, postage prepaid and addressed as follows:

TO LESSEE:

North Coast Opportunities
The Gardens Project
413 North State Street
Ukiah, CA 95482

TO LESSOR:

City Manager
Ukiah Civic Center
300 Seminary Avenue
Ukiah, CA 95482

12. PARAGRAPH HEADINGS.

Paragraph headings are included for the convenience of the parties and are not intended to define or limit the scope of this Lease.

13. PREVIOUS AGREEMENTS.

Any and all existing statements or agreements, whether oral or written, or renewals thereof, between the parties hereto, covering the same subject matter, are hereby cancelled and superseded by the terms of this Lease, and such prior agreements, statements or understandings shall have no further force or effect.

14. DUPLICATE ORIGINALS

This Lease may be executed in one or more duplicate originals bearing the original signature of both parties and when so executed any such duplicate original shall be admissible as proof of the existence and terms of this lease.

Entered on the date first written above.

CITY OF UKIAH

By: _____

Title: _____

ATTEST:

City Clerk

North Coast Opportunities

By: _____

Title: _____



CERTIFICATE OF LIABILITY INSURANCE

DATE IMMEDIATELY
05/22/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsements.

PRODUCER
InterWest Insurance Services
License #OB01094
P.O. Box 8110
Chico, CA 95927-8110

Phone: 530-895-10101 2 a ACT
Fax: 530-895-1313 1PHQ'NE
INC. • ExtJ•
E-MAIL
00RESS

FAX
JALC...joj

Chip Arenchld

INSURER(S) AFF O...QI\$ qq GE-----

NAig; _____

INSURED
North Coast Opportunities, Inc
413 N. State St.
Ukiah, CA 95482

INSURER A, State Comp Ins f un_Q {g_O.). - -
INSURER B: Nonpro ts· Inurl!n<?_<!_All ne
INSURER C·NO[th.frn oiC J1. iile.Jr: !S.yO_____

3507 ---

INSJIE -----

ERE:

INSURER F:

--- POLICY PERIOD

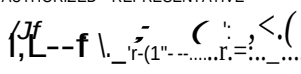
I S!!! CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO C. fl. :TI-I CERTIFICATE MAY BE ISSUED OR MAY, !AIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS.

EXCLUSIONS AND CONDITIONS OF SUCH "LIMITS SHOWN MAY HAVE BEEN 7E q y PAID CLAIMS,

	INSURANCE	POLICY NUMBER	LIMITS
B	GENERAL LIABILITY CO_MMERICALGENER LIABILITY CLAIMS-MADE [X] OCCUR	.201302640NPO	EACH OCCURRENCE DMViGETmiDITE0 H.tMI F.S/I::IIQ(;uriOfll;6j MEDEXP(Anyoneperson) PERSONAL & AOV INJURY
B	Professional Lj8'b	'201302640NPO	6013012013 0613012014 i;NERALAGGREGATE-
B	ANY AUTO		06/30/2013 06130/2014. BQDILYINJURY(Perperson) :\$
B	UMBRELLA UAB EXCESS LIAS OED IX;	1201302640UMB	
A	AND I	YIN	07/01/2013 07/01/2014 E.I_ EACH ACCIDENT jS
C		1116601	0613012014 limit deduct

CPERAnoNS ... ,1U,... (AHigh ACORD 101, Additional Remark: s Schedule, If more space is required)

C1 v. its officers, agents, employees and volunteers are included as
AA; , insured with respects to General Liability par form CG2026 0704
re: Vinewood Park Community Garden

CIU0300	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

© 1988-2010 ACORD CORPORATION. All rights reserved.

ACORD 25 (2010105)

The ACORD name and logo are registered marks of ACORD

POLICY NUMBER: 201302640NPO

COMMERCIAL GENERAL LIABILITY
CG20 26 07 04

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED-DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) (Dr. Organizatio)-

Any person or organization that you are required to *add* as an additional insured on this policy, under a written contract or agreement currently in effect, or becoming effective during the term of this policy. The additional insured status will not be *afforded* with respect to liability arising out of or related to your activities as a real estate manager for that person or organization.

Information "CJured to COillJ' I_el" this Schedule, if r1() (9wn ab()ve . will be shown in the Declarations.

Section II – Who Is An Insured is amended to include as an additional insured *the* person(s) *or* organization(s) shown in the Schedule, but only with respect to liability for “bodily injury”, “property damage” or “personal and advertising Injury” caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

- A. In the *performance* of your ongoing operations; or
- B. In connection with your premises owned by or rented to *you*.

A - ?RD'

CERTIFICATE OF LIABILITY INSURANCE

r ; ; ; ;

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of a written endorsement(s).

PRO(C)CEP

Phone: 530-895-1010 M C. Peidre Hagen

InterWest Insurance Services
Licenses 110B01Q9A
P.O. Box 8110
Chico, CA 95927-8110
Chip. Ar tich11d

Fax: 530-895-1313

-PHONE - (FA)
fA.c.w.f... ..
... .. S' dht: "en_@IW_ lns_ .com_

tt-ll:l_1-ts . " - q_ co: (l-(>:) N lc f

... IN RER .: in U _r JC _9. O.t.IJ West1 -47

INSURED North Coast Opportunity5, Jnc
413 N. Stale St.
Ukiah, CA 95482

!!! Y f-s: NO! _ l _£1 !?! - n ance Altiance

IN llt-e = . ; _ , Amori_ ca_n) i! _ lJ] _go

_l4 _SURCRD : _

INSURER E •

lil'l)RE.IU'.

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ABOLISHED INSR W/2	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	GENERAL LIABILITY 1. COMMERCIAL GEN'L LIAB (1) () 1. COMMERCIAL GEN'L LIAB (1) 2. EXCESS GEN'L LIAB (1) 3. AUTOMOBILE LIABILITY (1) 4. UMBRELLA & EXCESS (1) 5. WORKERS COMPENSATION & EMPLOYERS' LIABILITY (1) 6. ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED (Mandatory in NH) If yes, describe the DESCRIPTION OF OPERATIONS below	X	201402640NPO	06/30/2014	06/30/2015	EACH OCCURRENCE DAMAGE TO RENTALS PREMISES (EXCLUDED) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PROFITS (EMPLOYERS) Emp Ben. BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per person)
8	X. l r ? f . l Li		201402640NPO	06/30/2014	06/30/2015	EACH OCCURRENCE DAMAGE TO RENTALS PREMISES (EXCLUDED) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PROFITS (EMPLOYERS) Emp Ben. BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per person)
B	X. ANY AUTO ALL OWNED AUTOS HIRED AUTOS		201402640NPO	06/30/2014	06/30/2015	EACH OCCURRENCE DAMAGE TO RENTALS PREMISES (EXCLUDED) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PROFITS (EMPLOYERS) Emp Ben. BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per person)
C	X. UMBRELLA & EXCESS EXCESS LAB DED X RETENTION \$ 10000	X. OCCUR CLAIMS MADE	CWB001116601	06/30/2014	06/30/2015	EACH OCCURRENCE AGGREGATE
A	WORKERS COMPENSATION & EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED (Mandatory in NH) If yes, describe the DESCRIPTION OF OPERATIONS below	Y/N N/A	WSA502691900	07/01/2014	07/01/2015	X. WORKERS COMPENSATION & EMPLOYERS' LIABILITY F. EACH ACCIDENT E. DISEASE - EACH EMPLOYEE E. DISEASE - POLICY LIMIT
C						Q6(30)2016Limit Deduct

CLERK ATTACH ACORD 101, Additional Remarks Schedule, if applicable, space is required.
The undersigned, its officers, agents, employees and volunteers are included as
insureds in the above described with respect to General Liability per form CG2026 0704
re: Vinewood Park Community Garden

CERTIFICATE HOLDER.

CIU0300

City of Ukiah
300 Seminary Avenue
Ukiah, CA 95482

CANCELLATION

NO HOLD ADV OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

f
1988-20
10
ACORD
CORPOR
ATION.
All rights
reserved,
The
ACORD
name and
logo are
registered
marks of
ACORD

POLICY NUMBER

COMMERCIAL **GENERAL** LIABILITY
CG 2026 07 04

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED- DESIGNATED
PERSON OR ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL L'ABILJTY COVERAGE PART

SCHEDULE

Name Of Audit/Insured Person() Or Or an:u llon(o)

Any person or organization that you are required to add as an additional insured on this policy, under a written contract or agreement currently in effect, or becoming effective during the term of this policy. The additional insured status will not be afforded with respect to liability arising out of or related to your activities as a real estate manager for that person or organization.

if _____ . _____ . _____ , _____ . _____ .
 0!!!;rmation t<|Qu.rld to co"" "thl_ Schedule if not s1 own abnve. w'll be shown in the Declatons.

Section II – Who Is An Insured Is amended to include as an addUor insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for “bodily injury”, “property damage” or “personal and advertis 11g 1, jul”) CIIJS<d. in wi, qte or In part, i>y your acts or om’s, or i •” acts or om’s.. .sio”IG al’!hol: e m ling on your bo”LaJ-f.

- A.** In the performance of your ongoing operations: or
- B.** In connection with your premises owned by or rented to you.



AGENDA SUMMARY REPORT

SUBJECT: Notification of Purchase of Professional Consulting Services for Landscape Design and Grant Writing Assistance for California Urban Rivers Grant for Riverside Park from Ann Baker Landscaping in the Amount of \$11,987.31.

DEPARTMENT: Community Services

PREPARED BY: Tami Bartolomei

ATTACHMENTS:

[Attachment 1 - COU Resolution 2016-43](#)

Summary: Council to receive a Notification of Purchase of Professional Consulting Services for Landscape Design and Grant Writing Assistance for California Urban Rivers Grant for Riverside Park from Ann Baker Landscaping in the Amount of \$ 11,987.31 from Fund Number # 10022100.52100, Contract #1516-231.

Background: The City of Ukiah entered into an agreement with Ann Baker Landscape Architecture on June 30, 2016, in the amount of \$9,750, for the purpose of landscape design and grant writing services for the California Urban Rivers Grant for the development of Riverside Park. On July 20, 2016, Council approved Resolution 2016-43, approving grant application submittal to California Urban Rivers Natural Resources Grant program (Attachment 1).

On May 1, 2017, staff received notification from California Urban Rivers Grant Program that the City would be having a site visit by the State grant program on June 2, 2017, because the City was being considered for the

RECOMMENDED ACTION: Receive Notification of Purchase of professional consulting services for landscape design and grant writing assistance for California Urban Rivers Grant for Riverside Park from Ann Baker Landscaping in the amount of \$11,987.31.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: \$11,987.31 - Account #10022100.52100

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: COU No. 1516-231

COORDINATED WITH: Mary Horger, Procurement Manager

Approved: _____


Sage Sangiacomo, City Manager

grant. During the site visit the State had requested more information be submitted less than two weeks from the date of the visit. Ann Baker having the knowledge and skill to produce the additional information, completed the necessary information that was then submitted by staff to the State. Staff was notified late July the grant was awarded in the amount \$1.1 million for the Phase 2 of the Riverside Park Development project.

Discussion: Because of the State's additional services needed, there was an additional fee for Baker's services in the amount of \$2,237.31. This increased the amount of the contract to \$11,987.31. Funds were budgeted and available to cover this contract's final cost. The project is anticipated to start in 2018 and we are looking forward to completing the next phase of the Riverside Park project for our community.

Resolution No: 2016-43

RESOLUTION CITY OF UKIAH

APPROVING THE APPLICATION FOR GRANT FUNDS FOR THE CALIFORNIA URBAN RIVERS
GRANT PROGRAM UNDER THE WATER QUALITY, SUPPLY, AND INFRASTRUCTURE
IMPROVEMENT ACT OF 2014 (Proposition 1)City of Ukiah

WHEREAS, the Legislature and Governor of the State of California have provided Funds for the program shown above; and

WHEREAS, the California Natural Resources Agency has been delegated the responsibility for the administration of this grant program, establishing necessary procedures; and

WHEREAS, said procedures established by the California Natural Resources Agency require a resolution certifying the approval of application(s) by the Applicants governing board before submission of said application(s) to the State; and

WHEREAS, the Applicant, if selected, will enter into an agreement with the State of California to carry out the Project

NOW, THEREFORE, BE IT RESOLVED that the Ukiah City Council

1. Approves the filing of an application for the *City of Ukiah Riverside Park Phase Two Project*;
2. Certifies that Applicant understands the assurances and certification in the application; and,
3. Certifies that Applicant or title holder will have sufficient Funds to operate and maintain the Project(s) consistent with the land tenure requirements; or will secure the resources to do so; and,
4. Certifies that it will comply with all provisions of Section 1771.5 of the California Labor Code; and,
5. If applicable, certifies that the project will comply with any laws and regulations including, but not limited to, the *California Environmental Quality Act* (CEQA), legal requirements for building codes, health and safety codes, disabled access laws, and, that prior to commencement of construction, all applicable permits will have been obtained; and,
6. Certifies that applicant will work towards the State Planning Priorities intended to promote equity, strengthen the economy, protect the environment, and promote public health and safety as included in Government Code Section 65041.1, and
7. Appoints the City Manager, Sage Sangiacomo, or designee, as agent to conduct all negotiations, execute and submit all documents including, but not limited to applications, agreements, payment requests and so on, which may be necessary for the completion of the aforementioned Project(s).

Approved and adopted the 20th day of July, 2016. I, the undersigned, hereby certify that the foregoing Resolution Number 2016-43 was duly adopted by the Ukiah City Council.
Ukiah City Council

Following Roll Call Vote:

AYES: Councilmembers Crane, Doble, Brown, and Mayor Scalmanini

NOES: None

ABSENT: Councilmember Mulheren

ABSTAIN: None



Clerk/Secretary for the Governing Board



AGENDA SUMMARY REPORT

SUBJECT: Notification of Acquisition of Professional Services from SHN Consulting Engineers and Geologists for Materials, Compaction and Geotechnical Testing and Inspection Services for the North State Street Intersection Improvements at Low Gap Road/Brush Street, Specification No 17-02, in the Amount of \$13,060 and Approval of Corresponding Budget Amendment.

DEPARTMENT: Public Works

PREPARED BY: Jarod Thiele

ATTACHMENTS:

[Attachment 1 - RFP - 2017 Low Gap Rd, Specification 17-02](#)

[Attachment 2 - Addendum No. 1 - N. State St. and Low Gap Rd. with Plan Sheets](#)

[Attachment 3 - SHN Proposal](#)

Summary: Council will receive a report on the acquisition of professional services from SHN Consulting Engineers and Geologists for materials, compaction and Geotechnical testing and inspection services for the North State Street Intersection Improvement at Low Gap Road/Brush Street, Specification No 17-02, in the amount of \$13,060.

Background: On August 15, 2017 a Request for Proposal (Attachment 1) was released for Materials and Compaction Testing Services. On August 17, 2017, an Addendum (Attachment 2) was issued to increase the amount of tests and to add Geotechnical Inspections. Proposals were received until August 29, 2017, at which time one (1) proposal was received (Attachment 3).

RECOMMENDED ACTION: Receive report and approve budget amendment.

BUDGET AMENDMENT REQUIRED: Yes

CURRENT BUDGET AMOUNT: \$0

PROPOSED BUDGET AMOUNT: Engineering: #10024210.52100 - \$4,354; STP d(1): #50924220.80230 - \$4,354; Local Transportation Funds: #50824220.80230 - \$4,354

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: Tim Eriksen, Director of Public Works/City Engineer; Andrew Stricklin; Engineering Analyst

Approved: _____


Sage Sangiacomo, City Manager

Discussion: Based on the review of the proposal and their prior work for the City, staff will engage SHN Consulting Engineers and Geologists (SHN) for the Scope of Work. The total contract price is \$13,060.



**PUBLIC WORKS DEPARTMENT
REQUEST FOR PROPOSAL**

**TESTING SERVICES FOR NORTH STATE ST.
INTERSECTION – LOW GAP AND BRUSH ST.
Specifications No. 17-02**

PROPOSAL DUE: AUGUST 29, 2017 AT 2:00 PM

GENERAL INFORMATION / PROJECT LOCATION

The City of Ukiah (City) with a population of 16,075 people, is located approximately 115 miles north of San Francisco, CA on the US Highway 101 corridor. Ukiah is the retail service hub to an area reaching a 50 mile perimeter and experiences a daytime service population exceeding 35,000 people.

The City has awarded construction of this project to Granite Construction Co. with anticipated construction beginning September 2017 that will require testing of materials and compaction. The City of Ukiah will be utilizing staff for project management and inspections during the course of the project.

The project involves the following testing:

SCOPE OF SERVICES:

The scope of services COMPACTION TESTING for this project shall include:

- (15) Compaction tests for trench and excavation backfill
- (8) In-Place density and relative compaction of Asphalt Concrete (nuclear) – one test per day during placement of at least 300 tons AC.

The scope of services for MATERIALS TESTING for the project shall include:

- (3) Material Quality – Trench Backfill
 - Minimum 3 gradation and SE tests

SCHEDULE:

- Construction is scheduled to start September, 2017 and the first compaction testing is anticipated to start shortly thereafter
- The City Engineer or his designee will direct the locations of testing and provide consultant 24 hours' notice of each testing day
- The current number of contractor working days is 80 working days though this is likely to decrease with the City's election of night work, thus less interference with traffic

SELECTION:

Consultant selection will be made on the basis of qualifications. The following evaluation criteria will be used in evaluating and selecting candidates:

- Candidate's specialized experience and technical competence as applicable to the services required.
- Testing laboratory should be accredited by Caltrans.

CONSULTANT'S PROPOSAL:

Proposals shall be labeled:

"Testing Services for North State St. Intersection – Low Gap/Brush St."

Proposals shall be submitted to:

Jarod Thiele, Management Analyst
City of Ukiah, Department of Public Works
300 Seminary Avenue
Ukiah, CA 95482-5400

Five (5) copies of the PROPOSAL are required. Proposals must be received prior to 2:00 PM, August 29, 2017

Proposals shall include the following:

The proposal should include a brief overview of the specific approach and procedures the firm proposes to complete the tasks described in the Scope of Services. The proposal must be signed by an official authorized to bind the successful firm contractually and shall contain a statement to the effect that the proposal is a firm offer for a minimum period of thirty (30) days after the submittal date. The proposal shall also provide the following: name, title, address, and telephone number of individuals with the authority to negotiate a contract and bind the consultant to the terms of the contract.

Provide a “not to exceed” maximum cost fee proposal for all identified work in the Scope of Services above, including all labor costs for proposed tests. Indicate if travel time, mileage, and per diem will be charged. Indicate all cost differences for required night work. Include any sub-consultant cost. Additionally, please identify miscellaneous costs associated with this proposal. Submit a copy of your firm’s current itemized hourly rate and testing fee schedule. Consultant selection will be made on the basis of qualifications.

In addition, please provide a unit cost for additional tests, if requested by the City during the course of the project

Lead Times

Please provide the amount of time needed to collect material samples for analysis and the quantity of material needed for each sample. It is assumed the Consultant will collect samples for analysis and coordinate with City and Contractor. Also indicate time for sample to be analyzed for approval/denial.

Qualifications

Describe the qualifications and experience of the firm as related to the project.

References

Provide a list of similar projects for which the firm has completed similar projects with a list of at least three client references associated with these projects. Include client references for any proposed sub-consultants. Provide names of contact person, addresses and telephone numbers for all client references.

Exceptions

Identify any exceptions you are proposing with respect to the Scope of Services. Additionally, if there are any exceptions to the City's insurance requirements and/or the City's draft professional services agreement as shown in the attachments, the Consultant should list the exceptions in the proposal.

SPECIAL PROPOSAL REQUIREMENT

Proposal documents shall be produced on recycled paper, when practicable. The proposal front cover shall be labeled in such a way as to identify that the document was produced on recycled paper and the pages of the proposal shall be produced double sided, where feasible.

INSURANCE REQUIREMENTS

The insurance requirements are set forth in Attachment "B".

RIGHT OF REFUSAL

The City reserves the right to reject any and all proposals without qualifications. Proposals will be considered only in their entirety. The City reserves the right to negotiate the specific requirements and costs using the selected proposal as a basis.

QUESTIONS

Questions shall be directed to Jarod Thiele, Management Analyst, City of Ukiah, Department of Public Works, 300 Seminary Avenue, Ukiah, CA 95482-5400, voice phone: (707) 463-6755, fax phone: (707) 463-6204, email (preferred contact method): jthiele@cityofukiah.com

ATTACHMENT "A"

AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES [Design Professional]

This Agreement, made and entered into this ____ day of _____, 2016 ("Effective Date"), by and between CITY OF UKIAH, CALIFORNIA, hereinafter referred to as "City" and _____, a _____ [sole proprietorship, corporation, partnership, limited partnership, limited liability company, etc] organized and in good standing under the laws of the state of _____, hereinafter referred to as "Consultant".

RECITALS

This Agreement is predicated on the following facts:

- a. City requires consulting services related to _____.
- b. Consultant represents that it has the qualifications, skills, experience and properly licensed to provide these services, and is willing to provide them according to the terms of this Agreement.
- c. City and Consultant agree upon the Scope-of-Work and Work Schedule attached hereto as Attachment "A", describing contract provisions for the project and setting forth the completion dates for the various services to be provided pursuant to this Agreement.

TERMS OF AGREEMENT

1.0 DESCRIPTION OF PROJECT

- 1.1 The Project is described in detail in the attached Scope-of-Work (Attachment "A").

2.0 SCOPE OF SERVICES

- 2.1 As set forth in Attachment "A".
- 2.2. Additional Services. Additional services, if any, shall only proceed upon written agreement between City and Consultant. The written Agreement shall be in the form of an Amendment to this Agreement.

3.0 CONDUCT OF WORK

- 3.1 Time of Completion. Consultant shall commence performance of services as required by the Scope-of-Work upon receipt of a Notice to Proceed from City and shall complete such services within _____ from receipt of the Notice to Proceed. Consultant shall complete the work to the City's reasonable satisfaction, even if contract disputes arise or Consultant contends it is entitled to further compensation.

4.0 COMPENSATION FOR SERVICES

- 4.1 Basis for Compensation. For the performance of the professional services of this Agreement, Consultant shall be compensated on a time and expense basis not to exceed a guaranteed maximum dollar amount of \$--- ----. Labor charges shall be based upon hourly billing rates for the various classifications of personnel employed by Consultant to perform the Scope of Work as set forth in the attached Attachment B, which shall include all indirect costs and expenses of every kind or nature, except direct expenses. The direct expenses and the fees to be charged for same shall be as set forth in Attachment B. Consultant shall complete the Scope of Work for the not-to-exceed guaranteed maximum, even if actual time and expenses exceed that

amount.

- 4.2 Changes. Should changes in compensation be required because of changes to the Scope-of-Work of this Agreement, the parties shall agree in writing to any changes in compensation. "Changes to the Scope-of-Work" means different activities than those described in Attachment "A" and not additional time to complete those activities than the parties anticipated on the date they entered this Agreement.
- 4.3 Sub-contractor Payment. The use of sub-consultants or other services to perform a portion of the work of this Agreement shall be approved by City prior to commencement of work. The cost of sub-consultants shall be included within guaranteed not-to-exceed amount set forth in Section 4.1.
- 4.4 Terms of Payment. Payment to Consultant for services rendered in accordance with this contract shall be based upon submission of monthly invoices for the work satisfactorily performed prior to the date of invoice less any amount already paid to Consultant, which amounts shall be due and payable thirty (30) days after receipt by City. The invoices shall provide a description of each item of work performed, the time expended to perform each task, the fees charged for that task, and the direct expenses incurred and billed for. Invoices shall be accompanied by documentation sufficient to enable City to determine progress made and the expenses claimed.
- 5.0 ASSURANCES OF CONSULTANT
- 5.1 Independent Contractor. Consultant is an independent contractor and is solely responsible for its acts or omissions. Consultant (including its agents, servants, and employees) is not City's agent, employee, or representative for any purpose.

It is the express intention of the parties hereto that Consultant is an independent contractor and not an employee, joint venturer, or partner of City for any purpose whatsoever. City shall have no right to, and shall not control the manner or prescribe the method of accomplishing those services contracted to and performed by Consultant under this Agreement, and the general public and all governmental agencies regulating such activity shall be so informed.

Those provisions of this Agreement that reserve ultimate authority in City have been inserted solely to achieve compliance with federal and state laws, rules, regulations, and interpretations thereof. No such provisions and no other provisions of this Agreement shall be interpreted or construed as creating or establishing the relationship of employer and employee between Consultant and City.

Consultant shall pay all estimated and actual federal and state income and self-employment taxes that are due the state and federal government and shall furnish and pay worker's compensation insurance, unemployment insurance and any other benefits required by law for himself and his employees, if any. Consultant agrees to indemnify and hold City and its officers, agents and employees harmless from and against any claims or demands by federal, state or local government agencies for any such taxes or benefits due but not paid by Consultant, including the legal costs associated with defending against any audit, claim, demand or law suit.

Consultant warrants and represents that it is a properly licensed professional or professional organization with a substantial investment in its business and that it maintains its own offices and staff which it will use in performing under this Agreement.

- 5.2 Conflict of Interest. Consultant understands that its professional responsibility is solely to City. Consultant has no interest and will not acquire any direct or indirect interest that would conflict with its performance of the Agreement. Consultant shall not in the performance of this Agreement employ a person having such an interest. If the City Manager determines that the Consultant has a disclosure obligation under the City's local conflict of interest code, the Consultant shall file the required disclosure form with the City Clerk within 10 days of being notified of the City Manager's determination.

6.0 INDEMNIFICATION

- 6.1 Insurance Liability. Without limiting Consultant's obligations arising under Paragraph 6.2 Consultant shall not begin work under this Agreement until it procures and maintains for the full period of time allowed by law, surviving the termination of this Agreement insurance against claims for injuries to persons or damages to property, which may arise from or in connection with its performance under this Agreement.

A. Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office ("ISO") Commercial General Liability Coverage Form No. CG 20 10 10 01 and Commercial General Liability Coverage – Completed Operations Form No. CG 20 37 10 01.
2. ISO Form No. CA 0001 (Ed. 1/87) covering Automobile Liability, Code 1 "any auto" or Code 8, 9 if no owned autos and endorsement CA 0025.
3. Worker's Compensation Insurance as required by the Labor Code of the State of California and Employers Liability Insurance.
4. Errors and Omissions liability insurance appropriate to the consultant's profession. Architects' and engineers' coverage is to be endorsed to include contractual liability.

B. Minimum Limits of Insurance

Consultant shall maintain limits no less than:

1. General Liability: \$1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage including operations, products and completed operations. If Commercial General Liability Insurance or other form with a general aggregate limit is used, the general aggregate limit shall apply separately to the work performed under this Agreement, or the aggregate limit shall be twice the prescribed per occurrence limit.
2. Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage.
3. Worker's Compensation and Employers Liability: Worker's compensation limits as required by the Labor Code of the State of California and Employers Liability limits of \$1,000,000 per accident.
4. Errors and Omissions liability: \$1,000,000 per occurrence.

C. Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects to the City, its officers, officials, employees and volunteers; or the Consultant shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

D. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverages

- a. The City, its officers, officials, employees and volunteers are to be covered as additional insureds as respects; liability arising out of activities performed by or on behalf of the Consultant, products and completed operations of the Consultant, premises owned, occupied or used by the Consultant, or automobiles owned, hired or borrowed by the Consultant for the full period of time allowed by law, surviving the termination of this Agreement. The coverage shall contain no special limitations on the scope-of-protection afforded to the City, its officers, officials, employees or volunteers.
- b. The Consultant's insurance coverage shall be primary insurance as respects to the City, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees or volunteers shall be in excess of the Consultant's insurance and shall not contribute with it.
- c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the City, its officers, officials, employees or volunteers.
- d. The Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

2. Worker's Compensation and Employers Liability Coverage

The insurer shall agree to waive all rights of subrogation against the City, its officers, officials, employees and volunteers for losses arising from Consultant's performance of the work, pursuant to this Agreement.

3. Professional Liability Coverage

If written on a claims-made basis, the retroactivity date shall be the effective date of this Agreement. The policy period shall extend from ----- to -----.

4. All Coverages

Each Insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the City.

E. Acceptability of Insurers

Insurance is to be placed with admitted California insurers with an A.M. Best's rating of no less than A- for financial strength, AA for long-term credit rating and AMB-1 for short-term credit rating.

F. Verification of Coverage

Consultant shall furnish the City with Certificates of Insurance and with original Endorsements effecting coverage required by this Agreement. The Certificates and Endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The Certificates and Endorsements are to be on forms provided or approved by the City. All Certificates and Endorsements are to be received and approved by the City before Consultant begins the work of this Agreement. The City reserves the right to require complete, certified copies of all required insurance policies, at any time. If Consultant fails to provide the coverages required herein, the City shall have the right, but not the obligation, to purchase any or all of them. In that event, after notice to Consultant that City has paid the premium, the cost of insurance may be deducted from the compensation otherwise due the contractor under the terms of this Contract.

G. Subcontractors

Consultant shall include all sub-contractors or sub-consultants as insured under its policies or shall furnish separate certificates and endorsements for each sub-contractor or sub-consultant. All coverage for sub-contractors or sub-consultants shall be subject to all insurance requirements set forth in this Paragraph 6.1.

- 6.2 Indemnification. Notwithstanding the foregoing insurance requirements, and in addition thereto, Consultant agrees, for the full period of time allowed by law, surviving the termination of this Agreement, to indemnify the City for any claim, cost or liability that arises out of, or pertains to, or relates to any negligent act or omission or the willful misconduct of Consultant and its agents in the performance of services under this contract, but this indemnity does not apply to liability for damages for death or bodily injury to persons, injury to property, or other loss, arising from the sole negligence, willful misconduct or defects in design by the City, or arising from the active negligence of the City.

“Indemnify,” as used herein includes the expenses of defending against a claim and the payment of any settlement or judgment arising out of the claim. Defense costs include all costs associated with defending the claim, including, but not limited to, the fees of attorneys, investigators, consultants, experts and expert witnesses, and litigation expenses.

References in this paragraph to City or Consultant, include their officers, employees, agents, and subcontractors.

7.0 CONTRACT PROVISIONS

- 7.1 Documents and Ownership of Work. All documents furnished to Consultant by City and all documents or reports and supportive data prepared by Consultant under this Agreement are owned and become the property of the City upon their creation and shall be given to City immediately upon demand and at the completion of Consultant's services at no additional cost to City. Deliverables are identified in the Scope-of-Work, Attachment "A". All documents produced by Consultant shall be furnished to City in digital format and hardcopy. Consultant shall produce the digital format, using software and media approved by City.
- 7.2 Governing Law. Consultant shall comply with the laws and regulations of the United States, the State of California, and all local governments having jurisdiction over this Agreement. The interpretation and enforcement of this Agreement shall be governed by California law and any action arising under or in connection with this Agreement must be filed in a Court of competent jurisdiction in Mendocino County.
- 7.3 Entire Agreement. This Agreement plus its Attachment(s) and executed Amendments set forth the entire understanding between the parties.

- 7.4 Severability. If any term of this Agreement is held invalid by a court of competent jurisdiction, the remainder of this Agreement shall remain in effect.
- 7.5 Modification. No modification of this Agreement is valid unless made with the agreement of both parties in writing.
- 7.6 Assignment. Consultant's services are considered unique and personal. Consultant shall not assign, transfer, or sub-contract its interest or obligation under all or any portion of this Agreement without City's prior written consent.
- 7.7 Waiver. No waiver of a breach of any covenant, term, or condition of this Agreement shall be a waiver of any other or subsequent breach of the same or any other covenant, term or condition or a waiver of the covenant, term or condition itself.
- 7.8 Termination. This Agreement may only be terminated by either party: 1) for breach of the Agreement; 2) because funds are no longer available to pay Consultant for services provided under this Agreement; or 3) City has abandoned and does not wish to complete the project for which Consultant was retained. A party shall notify the other party of any alleged breach of the Agreement and of the action required to cure the breach. If the breaching party fails to cure the breach within the time specified in the notice, the contract shall be terminated as of that time. If terminated for lack of funds or abandonment of the project, the contract shall terminate on the date notice of termination is given to Consultant. City shall pay the Consultant only for services performed and expenses incurred as of the effective termination date. In such event, as a condition to payment, Consultant shall provide to City all finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs and reports prepared by the Consultant under this Agreement. Consultant shall be entitled to receive just and equitable compensation for any work satisfactorily completed hereunder, subject to off-set for any direct or consequential damages City may incur as a result of Consultant's breach of contract.
- 7.9 Duplicate Originals. This Agreement may be executed in duplicate originals, each bearing the original signature of the parties. When so signed, each such document shall be admissible in administrative or judicial proceedings as proof of the terms of the Agreement between the parties.
- 8.0 NOTICES
Any notice given under this Agreement shall be in writing and deemed given when personally delivered or deposited in the mail (certified or registered) addressed to the parties as follows:

CITY OF UKIAH _____
DEPT. OF PUBLIC WORKS _____
300 SEMINARY AVENUE _____
UKIAH, CALIFORNIA 95482-5400

9.0 SIGNATURES

IN WITNESS WHEREOF, the parties have executed this Agreement the Effective Date:

CONSULTANT

BY: _____

Date _____

PRINT NAME: _____

IRS IDN Number

CITY OF UKIAH

BY: _____
SAGE SANGIACOMO
CITY MANAGER

Date

ATTEST

KRISTINE LAWLER
CITY CLERK

Date

ATTACHMENT “B”

INSURANCE REQUIREMENTS FOR CONSULTANTS

Consultant(s) shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Consultant(s), his agents, representatives, or employees.

I. Minimum Scope of Insurance

Coverage shall be at least as broad as:

- A. Insurance Services Office **Commercial General Liability** coverage (Form No. CG 20 10 10 01 and Commercial General Liability – Completed Operations Form No. CG 20 37 10 01).
- B. Insurance Services Office form number CA 0001 (Ed. 1/87) covering **Automobile Liability**, code 1 (any auto).
- C. **Workers’ Compensation** insurance as required by the State of California and Employer’s Liability Insurance.
- D. **Errors and Omissions liability** insurance appropriate to the consultant’s profession. Architects’ and engineers’ coverage is to be endorsed to include contractual liability.

II. Minimum Limits of Insurance

Consultant shall maintain limits no less than:

- A. General Liability: \$1,000,000 per occurrence for bodily injury, personal injury and property damage including **operations, products and completed operations**, as applicable. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit. Insurance must be written on an occurrence basis.
- B. Automobile Liability: \$1,000,000 per accident for bodily injury and property damage. Insurance must be written on an occurrence basis.
- C. Workman’s Compensation Employer’s Liability: \$1,000,000 per accident for bodily injury or disease.
- D. Errors and Omissions liability: \$1,000,000 per occurrence. If written on a claims-made basis, insurance coverage must cover claims filed within 3 years after contract work completed.

III. Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the City. The City may require the insurer to reduce or eliminate such deductibles or self-insured retentions with respect to the City, its officers, officials, employees and volunteers; or the Consultant to provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration and defense expenses; or to approve the deductible without a guarantee.

IV. REQUIRED Insurance Provisions

Proof of **general liability and automobile liability** policies are to contain, or **be endorsed** to contain, the following provisions:

- A. The City, its officers, officials, employees, and volunteers are to be covered as **ADDITIONAL INSURED** with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the contractor; and with respect to liability arising out of work or operations

performed by or on behalf of the Consultant including materials, parts or equipment, furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Consultant's insurance, or as a separate owner's policy.

B. The workers' compensation policy is to be endorsed with a waiver of subrogation. The insurance company, in its endorsement, agrees to waive all rights of subrogation against the City, its officers, officials, employees and volunteers for losses paid under the terms of this policy which arises from the work performed by the named insured for the City. NOTE: You cannot be added as an additional insured on a workers' compensation policy.

C. For any claims related to this project, the Consultant's insurance coverage shall be **primary insurance** with respect to the City, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees, or volunteers shall be in excess of the Consultant's insurance and shall not contribute with it.

D. Each insurance policy required by this clause shall be endorsed to state that coverage shall **not be canceled** by either party, except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the City.

V. RATING - Acceptability of Insurers

Insurance is to be placed with admitted California insurers with a current A.M. Best's rating of no less than A- for financial strength, AA for long-term credit rating and AMB-1 for short-term credit rating.

VI. Verification of Coverage

Consultant shall furnish the City with original certificates and amendatory endorsements effecting coverage required by this clause. The endorsements should be **on forms provided by the City**. If endorsements are on forms other than the City's forms, those endorsements must provide coverage that is equivalent to or better than the forms requested by the City. All certificates and endorsements are to be received and approved by the City before work commences. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications at any time.

VII. Subcontractors

If Consultant uses subcontractors or sub-consultants, it shall cover them under its policies or require them to separately comply with the insurance requirements set forth in Paragraph 6.1 of Attachment "A"

If you have questions regarding our insurance requirements contact:

**Risk Manager
(707) 463-6287 or FAX (707) 463-6204**

Revised: 11/20/08

August 17, 2017

ADDENDUM NO. 1

Subject: TESTING SERVICES FOR NORTH STATE STREET INTERSECTION- LOW
GAP AND BRUSH STREET

To all Prospective Consultants:

Attached herewith is ADDENDUM NO.1 for the subject project.

- 1) Increase the quantity of COMPACTION TESTING to 42 total**
- 2) Add GEOTECHNICAL INSPECTION and APPROVE Footing Excavations prior to placement of forms and rebar. See attached Plans for Profile and Detail 20 and Detail 21 (2 sheets)**

The proposal due date for this project will still be: **AUGUST 29, 2017 AT 2:00pm.**

IF YOU SUBMIT A PROPOSAL, ACKNOWLEDGMENT OF THIS ADDENDUM MUST BE SHOWN ON THIS ADDENDUM. IN ADDITION THIS SIGNED ACKNOWLEDGEMENT MUST BE SUBMITTED WITH THE PROPOSAL.

This Addendum is being sent to you in order that this office may be assured all consultants have received same.

It should be noted it is the responsibility of the consultant to notify all prospective sub consultants of any and all changes.

Sincerely,

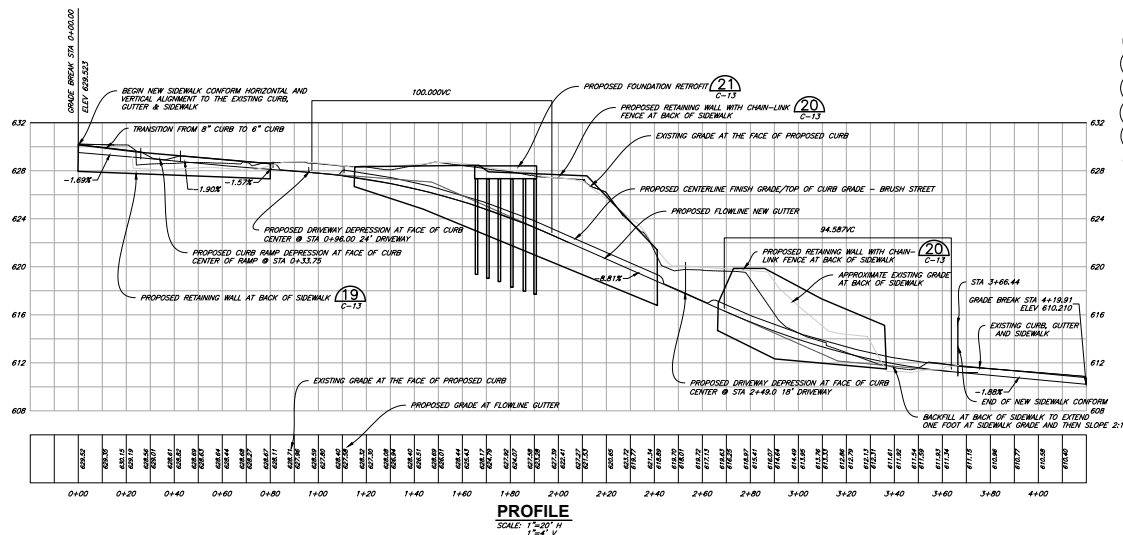
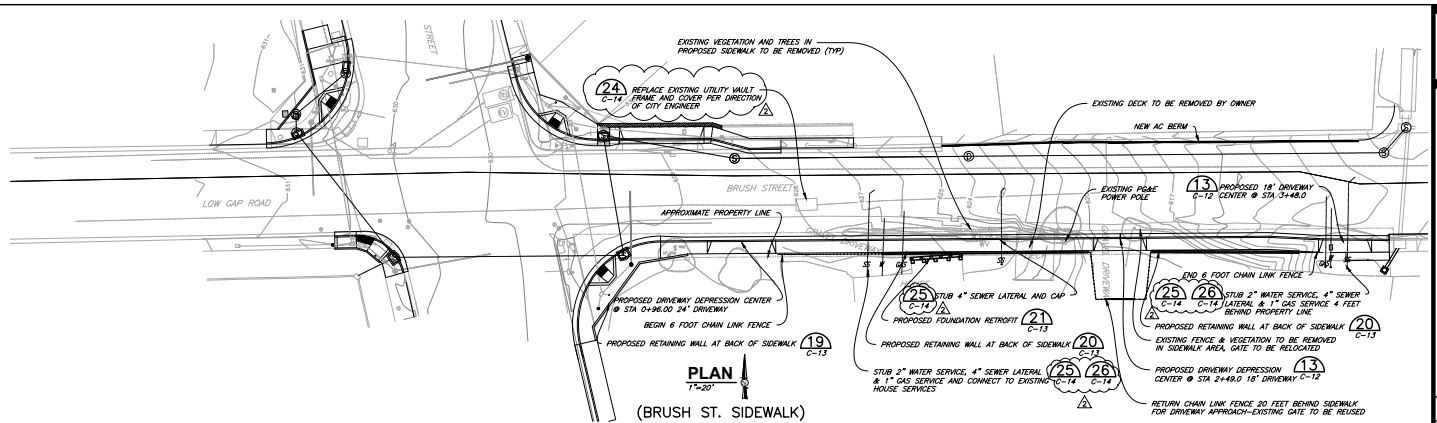


Jarod L. Thiele
Public Works Management Analyst

ACKNOWLEDGEMENT

I hereby acknowledge that I have received this Addendum No. 1 and have reviewed and considered it before submitting my proposal.

Signed: _____ Date: _____



- ## NOTES:
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH FORD FOR THE INSTALLATION OF GAS MAIN TAPS AND SERVICE PIPES TO TERMINATION POINTS. THE CONTRACTOR SHALL PROVIDE TRENCHES TO ACCOMMODATE ALL GAS PIPES AND QUOTE ALL TRENCH SPECIFICATIONS.
 2. THE TERMINATION OF THE NEW SEWER LATERALS SHALL EXTEND BEYOND THE BEGINNING OF THE EXISTING SEWER LATERAL 4' BELOW TOP OF CURB AND 4' BEHIND SIDEWALK.
 3. THE EXISTING SEWER LATERAL SHALL BE EXPOSED, CONNECTED TO THE EXISTING SEWER LATERAL, AND THE HOUSE, THE CONTRACTOR SHALL PATCH/TOE TO LOCATE THE EXISTING SEWER LATERAL. PRIOR TO ANY PATCH/TOE, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE OTHER 2 SEWER LATERALS SHALL TERMINATE 4' BEHIND THE BACK OF SIDEWALK AND ARE TO BE PATCHED/TOED TO LOCATE THE EXISTING SEWER LATERAL. THE CONTRACTOR SHALL PROVIDE A SUBMITTAL OF THE PROPOSED PATCH/TOE FOR APPROVAL DURING THE INITIAL PHASE OF CONSTRUCTION.

DETAIL 17
NTS —
(QUEST MART SIGN FOUNDATION)

DETAIL 18
NTS
(STORM DRAIN ABANDONMENT)

DETAIL 21
NTS
(RETAINING WALL ADJACENT TO
EXISTING STRUCTURE)

DETAIL 19
NTS
(RETAINING WALL BELOW
SIDEWALK)

DETAIL 20
NTS
(RETAINING WALL ABOVE
SIDEWALK)



CONSULTING ENGINEERS & GEOLOGISTS, INC.

335 S. Main St. • Willits, CA 95490-3977 • 707/459-4518 • FAX: 707/459-1884 • willitsinfo@shn-engr.com

Reference: 417000.106

August 23, 2017

Mr. Jarod Thiele, Project Analyst
City of Ukiah
300 Seminary Avenue
Ukiah, CA 95482

Subject: Proposal to Provide Construction Testing Services for the North State Street Intersection - Low Gap & Brush Street Project, Specification No. 17-02

Dear Mr. Thiele:

Thank you for this opportunity for SHN Consulting Engineers & Geologists, Inc. (SHN), to offer the following proposal to the City of Ukiah (City) to provide Construction Materials Testing & Inspection for the North State St. Intersection - Low Gap & Brush St. (Project). Following is a brief discussion of SHN's construction materials testing services qualifications, our project understanding including scope of services, and our proposed fee estimate.

Firm Qualifications

SHN's construction materials testing staff is comprised of civil engineers, certified construction inspectors, and material testers. Our field and laboratory testing technicians are certified by Caltrans, American Concrete Institute (ACI), National Institute for Certification in Engineering Technologies (NICET), International Code Council (ICC) and our laboratory is accredited by Caltrans and the AASHTO Accreditation Program (AAP). Our laboratory and field technicians use state of the art, calibrated testing equipment to provide accurate and timely construction materials compliance analysis. Refer to Attachment B - Technician and Laboratory Certifications.

References

SHN has provided construction materials testing services for the City of Ukiah, Mendocino County, County of Lake, City of Fort Bragg, City of Willits, Frank R. Howard Memorial Hospital, and Mendocino Coast District Hospital among others. Our recent construction materials testing services projects include:

- ❖ North State Street Sewer Main Improvements - City of Ukiah Dept. of Public Works - client contact: Jarod Thiele, 300 Seminary Ave., Ukiah, CA 95482-5400, 707-463-6755
- ❖ City of Ukiah Sewer & Water Replacement - City of Ukiah - client contact: Jarod Thiele, 300 Seminary Ave., Ukiah, CA 95482-5400, 707-463-6755
- ❖ Chestnut Street Corridor Improvements - City of Fort Bragg - client contact: Tom Varga, 416 North Franklin Street, Fort Bragg, CA, 707-961-2823

Project Understanding and Scope of Work

Our project understanding and scope of work is based upon a review of the Project plans and specifications and the specific items of work identified in the Request for Proposal (RFP) received on August 17, 2017. Following is a discussion of SHN's approach to providing the specific construction materials testing services outlined in the RFP.

Scheduling and Reporting of Test Results

The request for proposals (RFP) indicates a construction start date of September, 2017, and compaction testing of trench backfill is anticipated to start shortly thereafter. SHN will be in direct contact with the City Engineer or his designee for scheduling of any field sampling and/or testing activities, with a minimum notice of twenty four hours. Test results of compaction tests will be provided to our client representative in the field immediately upon completion of testing, followed by a written test report within a forty eight hour period. Results of all laboratory testing will be reported in writing within a forty eight hour period from the time the testing is completed.

Compaction Testing

Based on the anticipated amount of individual compaction tests requested in the RFP (15 - 44 on trench backfill and roadway structural section), and the cumulative total length and depth of utility trenches, and the amount of work days anticipated, we estimate an average of one to three compaction tests per day, with an approximate testing frequency of one test per two hundred linear feet of pipe installed, at depth intervals of approximately twelve inches, for a total of 15 days. We propose to provide 2 hours or less of on-site compaction testing services for each site visit. All utility trenches can be tested for relative compaction on a random basis at the discretion of the project inspector. Our testing technician will also provide subgrade and aggregate base compaction testing for the roadway improvements upon the completion of the new utilities and curb returns as well as inspection of footing excavations for retaining walls on Brush St. All soils compaction testing will be performed in accordance with ASTM D1557/D6938 (nuclear method). Subsequent asphalt paving will be tested in accordance with Caltrans test method CT 375/309 (nuclear method using maximum density). We propose to perform the asphalt pavement compaction testing on a total of 3 individual days when the anticipated total daily quantity of asphalt is at least 300 tons or greater.

Materials Testing

The testing technician will collect construction materials samples as required in the Project specifications and transport them to our Caltrans certified Willits laboratory for testing and analysis. The scope of services for materials testing requested in the RFP includes three individual samples of trench backfill to be tested for quality requirements (Sand Equivalent CT 217, and Sieve Analysis CT 202). Sampling of trench backfill material for the purpose of quality testing can be performed while on site for compaction testing and lead time for laboratory testing and reporting of test results are typically within 48 hours of sampling in the field. A minimum of one full five gallon bucket of material, sampled in accordance with Caltrans sampling method CT 125, is required to ensure the minimum amount of materials to perform laboratory quality testing. Sampling events will be coordinated with the city of Ukiah Inspector and/or the contractor's representative.

Proposed Fee

We understand that the Project is projected to have a construction period of 80 working days. Because construction projects often proceed on a schedule that is unforeseeable, we have estimated our costs based upon an assumption that our scope of services will be completed in 20 nonconsecutive working days. Our estimated fees are based on daily rates, including two hour onsite, plus travel expenses, for the number of working days anticipated for our scope of work on the Project. SHN does not have minimum time charges per site visit and we will invoice the City only for time spent performing the required services. Where possible, we will combine multiple tasks into one trip to reduce testing and inspection costs for the project.

We propose to provide the required services on accrued time and expenses as set forth below and the final cost will not exceed \$13,060. Additional testing, if required, will be billed at the daily rate shown

below. This proposal is to be considered a firm offer for a minimum period of thirty (30) days after the submittal date.

Task	Day Work Cost Estimate Staff	Cost
Daily Construction Testing (2 hours per site visit on 20 working days) <i>Assumes 40hours</i>	Materials Testing Technician \$117 per hour-prevailing wage	\$ 4,680
Travel <i>Assumes: 40 round trips from Willits to Ukiah (1 hour travel time and no mileage charges)</i>	Technician - \$100 per hour Mileage Rate - \$.00/mile	4,000
Materials Testing: <i>Compaction testing of trench backfill and existing subgrade, aggregate base, and AC paving for roadways. Estimate includes six compaction curves, three sieve analysis, three SE, & nuclear gage usage (two hours per day).</i>		3,380
Project Management: Scheduling, & Reporting <i>Assumes: 10 hours</i>	Project Manager - \$100 per hour	1,000
Total not to exceed		\$13,060

Task	Night Work Cost Estimate Staff	Cost
Daily Construction Testing (2 hours per site visit on 20 working days) <i>Assumes 40hours</i>	Materials Testing Technician \$120 per hour-2 nd shift prevailing wage	4,800
Travel <i>Assumes: 40 round trips from Willits to Ukiah (1 hour travel time and no mileage charges)</i>	Technician - \$100 per hour Mileage Rate - \$.00/mile	4,000
Materials Testing: <i>Compaction testing of trench backfill and existing subgrade, aggregate base, and AC paving for roadways. Estimate includes six compaction curves, three sieve analysis, three SE, & nuclear gage usage (two hours per day).</i>		3,380
Project Management: Scheduling, & Reporting <i>Assumes: 10 hours</i>	Project Manager - \$100 per hour	1,000
Total not to exceed		\$13,180

Mr. Jarod Thiele
Testing Services for the North State St. Intersection - Low Gap & Brush St. Project, Spec. No. 17-02
August 23, 2017
Page 4

SHN has a proven track record of working successfully with the City. SHN appreciates the opportunity to provide these services for the City and we look forward to assisting you with the completion of the Project. Should you have any questions, or need additional information please do not hesitate to call.

Again, thank you for this opportunity to be of service.

Sincerely,

SHN Consulting Engineers & Geologists, Inc.



Thomas M. Herman
Regional Manager

Attachments:

- Attachment A - Technician and Laboratory Certifications
- Attachment B - 2017 Schedule of Charges



A

Technician and Laboratory Certifications



NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES®

Providing Certification Programs Since 1961

BE IT KNOWN THAT

Stephen P James

IS HEREBY AWARDED CERTIFICATION AT

LEVEL II

**IN CONSTRUCTION MATERIALS TESTING
ASPHALT**

**BASED UPON SUCCESSFUL DEMONSTRATION OF REQUISITE KNOWLEDGE,
EXPERIENCE AND WORK PERFORMANCE AS SET FORTH BY THIS INSTITUTE.**

Certification Valid through August 1, 2020

CERTIFICATION NUMBER 123262

CHAIRMAN OF THE NICET BOARD OF GOVERNORS

A DIVISION OF THE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS



NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES®

Providing Certification Programs Since 1961

BE IT KNOWN THAT

Stephen P James

IS HEREBY AWARDED CERTIFICATION AT

LEVEL II

**IN CONSTRUCTION MATERIALS TESTING
SOILS**

**BASED UPON SUCCESSFUL DEMONSTRATION OF REQUISITE KNOWLEDGE,
EXPERIENCE AND WORK PERFORMANCE AS SET FORTH BY THIS INSTITUTE.**

Certification Valid through August 1, 2020

CERTIFICATION NUMBER 123262

CHAIRMAN OF THE NICET BOARD OF GOVERNORS

A DIVISION OF THE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

State of California Department of Transportation
CALTRANS QUALIFIED LABORATORY INSPECTION REPORT
Form TL-0113

Expiration date: 04/21/2017
Inspection by: **Loren T. Lee**
IA No.: 099
Phone: 707-445-6374
File: Materials Category 500

Laboratory: **SHN Consulting Engineers & Geologists Inc.**

Address: **335 South Main Street**

City: **Willits**

State: **CA**

Zip: **95490**

Lab QC Mgr.: **Stephen James**

e-mail: **sjames@shn-engr.com**

Telephone: **707-459-4518**

Fax #: **707-459-1884**

A certified Independent Assurance (IA) visited this laboratory on (Date) **03/16/2016**
Only the equipment to be used on Caltrans construction projects and/ or local construction
projects on the National Highway System was checked for qualification.

At the time of Caltrans Qualification, this laboratory had all necessary equipment of perform
the test methods indicated below. Testing personnel shall be Caltrans Qualified and possess
a current Caltrans Certificate of proficiency Form TL-0111 prior to performing any sampling
or testing.

125	202	205	206	216	217
226	227	229	231	308	309
370	375	379	382	504	518
521	533	539	540	556	557

A visual check was performed and documents provided as necessary for the following items:

- X Facility Safety Manual
- X Laboratory Procedures Manual
- X Laboratory Quality Control Manual
- X Proper test equipment
- X Copies of current applicable test procedures
- X Calibration and service documentation
- X Calibration stickers affixed to test equipment (dated within the 12 months)

On **04/21/2016** this laboratory was *Caltrans Qualified* by:

Loren T. Lee



CALIFORNIA DEPARTMENT OF TRANSPORTATION



Presents this

CERTIFICATE OF PROFICIENCY

to

STEPHEN JAMES
SHN

who is qualified to perform the following tests:

Expiration Date	Test Method
NEVER	☒ CTM 105 - CALCULATIONS
03/16/18	☒ CTM 125 - SAMPLING MATERIALS
03/16/18	☒ CTM 201 - SAMPLE PREPARATION
03/16/18	☒ CTM 202 - SIEVE ANALYSIS
03/16/18	☒ CTM 205 - % CRUSHED PARTICLES
03/16/18	☒ CTM 206 - S.G. & ABSORPTION C. AGG
03/16/18	☒ CTM 216 - RELATIVE COMPACTION (SOILS)
03/16/18	☒ CTM 217 - SAND EQUIVALENT
03/16/18	☒ CTM 226 - MOISTURE CONTENT
03/16/18	☒ CTM 227 - CLEANNESS OF COARSE AGGREGATE
03/16/18	☒ CTM 229 - DURABILITY
03/16/18	☒ CTM 231 - RELATIVE COMPACTION (NUCLEAR)
03/16/18	☒ CTM 308 - BULK S.G. OF HMA
03/16/18	☒ CTM 309 - RICE S.G. OF HMA
03/16/18	☒ CTM 370 - MOISTURE CONTENT (MICROWAVE)
03/16/18	☒ CTM 375 - AC COMPACTION (NUCLEAR)
03/16/18	☒ CTM 379 - PERCENT ASPHALT (NUCLEAR)
03/16/18	☒ CTM 382 - PERCENT ASPHALT (IGNITION)
03/16/18	☒ CTM 504 - PCC AIR CONTENT
03/16/18	☒ CTM 518 - PCC UNIT WEIGHT
03/16/18	☒ CTM 521 - PCC COMPRESSIVE STRENGTH
03/16/18	☒ CTM 382 - PERCENT ASPHALT (IGNITION)
03/16/18	☒ CTM 533 - PCC BALL PENETRATION
03/16/18	☒ CTM 382 - PERCENT ASPHALT (IGNITION)
03/16/18	☒ CTM 382 - PERCENT ASPHALT (IGNITION)
03/16/18	☒ CTM 539 - PCC SAMPLING
03/16/18	☒ CTM 540 - PCC TEST SPECIMENS
03/16/18	☒ CTM 556 - PCC SLUMP CONE
03/16/18	☒ CTM 557 - PCC TEMP

Loren T. Lee Certified Independent Assurance (IA) 099

Date Issued 03/16/2016 Note:

This certificate is valid as long as the Tester
complies with applicable requirements in Caltrans' Independent Assurance Program Manual.

CALIFORNIA DEPARTMENT OF TRANSPORTATION



Presents this

CERTIFICATE OF PROFICIENCY

to

STEVE PECKHAM

SHN

who is qualified to perform the following tests:

Expiration Date		Test Method
NEVER	.....	☒ CTM 105 – CALCULATIONS
03/16/18	.....	☒ CTM 125 – SAMPLING MATERIALS
03/16/18	.....	☒ CTM 201 – SAMPLE PREPARATION
03/16/18	.....	☒ CTM 202 – SIEVE ANALYSIS
	.....	☐ CTM 205 – % CRUSHED PARTICLES
	.....	☐ CTM 206 – S.G. & ABSORPTION C. AGG
03/16/18	.....	☒ CTM 216 – RELATIVE COMPACTION (SOILS)
03/16/18	.....	☒ CTM 217 – SAND EQUIVALENT
03/16/18	.....	☒ CTM 226 – MOISTURE CONTENT
	.....	☐ CTM 227 – CLEANNESS OF COARSE AGGREGATE
	.....	☐ CTM 229 – DURABILITY
03/16/18	.....	☒ CTM 231 – RELATIVE COMPACTION (NUCLEAR)
	.....	☐ CTM 308 – BULK S.G. OF HMA
	.....	☐ CTM 370 – MOISTURE CONTENT (MICROWAVE)
03/16/18	.....	☒ CTM 375 – AC COMPACTION (NUCLEAR)
	.....	☐ CTM 379 – PERCENT ASPHALT (NUCLEAR)
03/16/18	.....	☒ CTM 504 – PCC AIR CONTENT
03/16/18	.....	☒ CTM 518 – PCC UNIT WEIGHT
03/16/18	.....	☒ CTM 521 – PCC COMPRESSIVE STRENGTH
03/16/18	.....	☒ CTM 533 – PCC BALL PENETRATION
03/16/18	.....	☒ CTM 539 – PCC SAMPLING
03/16/18	.....	☒ CTM 540 – PCC TEST SPECIMENS
03/16/18	.....	☒ CTM 556 – PCC SLUMP CONE
03/16/18	.....	☒ CTM 557 – PCC TEMP

Loren T. Lee Certified Independent Assurance (IA) 099

Date Issued 03/16/2016 Note:

This certificate is valid as long as the Tester
complies with applicable requirements in Caltrans'
Independent Assurance Program Manual.

CALIFORNIA DEPARTMENT OF TRANSPORTATION



Presents this

CERTIFICATE OF PROFICIENCY

to

Tim Couevas

SHN

who is qualified to perform the following tests:

Expiration Date		Test Method
NEVER	.....	☒ CTM 105 – CALCULATIONS
	.....	☐ CTM 125 – SAMPLING MATERIALS
	.....	☐ CTM 201 – SAMPLE PREPARATION
	.....	☐ CTM 202 – SIEVE ANALYSIS
	.....	☐ CTM 205 – % CRUSHED PARTICLES
	.....	☐ CTM 206 – S.G. & ABSORPTION C. AGG
06/06/17	.....	☒ CTM 216 – RELATIVE COMPACTION (SOILS)
	.....	☐ CTM 217 – SAND EQUIVALENT
	.....	☐ CTM 226 – MOISTURE CONTENT
	.....	☐ CTM 227 – CLEANNESS OF COARSE AGGREGATE
	.....	☐ CTM 229 – DURABILITY
06/06/17	.....	☒ CTM 231 – RELATIVE COMPACTION (NUCLEAR)
	.....	☐ CTM 308 – BULK S.G. OF HMA
	.....	☐ CTM 370 – MOISTURE CONTENT (MICROWAVE)
	.....	☐ CTM 375 – AC COMPACTION (NUCLEAR)
	.....	☐ CTM 379 – PERCENT ASPHALT (NUCLEAR)
03/16/17	.....	☒ CTM 504 – PCC AIR CONTENT
03/16/17	.....	☒ CTM 518 – PCC UNIT WEIGHT
	.....	☐ CTM 521 – PCC COMPRESSIVE STRENGTH
03/16/17	.....	☒ CTM 533 – PCC BALL PENETRATION
03/16/17	.....	☒ CTM 539 – PCC SAMPLING
03/16/17	.....	☒ CTM 540 – PCC TEST SPECIMENS
03/16/17	.....	☒ CTM 556 – PCC SLUMP CONE
03/16/17	.....	☒ CTM 557 – PCC TEMP

Loren T. Lee Certified Independent Assurance (IA) 099

Date Issued 06/06/2016 Note:

This certificate is valid as long as the Tester
complies with applicable requirements in Caltrans'
Independent Assurance Program Manual.

**American Association of State Highway and Transportation Officials
AASHTO Accreditation Program - Certificate of Accreditation**

This is to signify that

SHN Consulting Engineers & Geologists, Inc.
Willits, California

has demonstrated proficiency for the testing of construction materials
and has met the minimum requirements in AASHTO R18
set forth by the AASHTO Highway Subcommittee on Materials.

The scope of accreditation can be obtained by viewing
the AAP Directories of Accredited Laboratories (www.amrl.net)
or by contacting AMRL.


Executive Director


Chair, AASHTO Highway
Subcommittee on Materials

1914

AAR[®]
AASHTO R18



B

2017 Schedule of Charges



Consulting Engineers & Geologists, Inc.

Fee Schedule January 1, 2017

When accurate definition of the proposed work is not possible, an hourly charge out rate for determining compensation shall be used. Hourly charge rates include payroll costs, overhead, and profit. Hourly services are billed portal to portal and are subject to a 2-hour minimum. Current rates are as follows:

Hourly Charge Rates			
Position ¹	Hourly Rates		
Principal Engineer	\$ 135.00	-	\$180.00
Principal Engineering Geologist	\$ 125.00	-	\$155.00
Principal Surveyor	\$ 125.00	-	\$155.00
Project Manager	\$ 85.00	-	\$155.00
Senior Planner	\$ 100.00	-	\$140.00
Senior Engineer	\$ 115.00	-	\$150.00
Senior Geotechnical Engineer	\$ 125.00	-	\$155.00
Senior Geologist	\$ 115.00	-	\$145.00
Senior Surveyor	\$ 105.00	-	\$135.00
Engineer	\$ 85.00	-	\$120.00
Traffic Engineer	\$ 85.00	-	\$140.00
Geologist	\$ 85.00	-	\$115.00
Certified Industrial Hygienist	\$ 95.00	-	\$140.00
Environmental Specialist	\$ 75.00	-	\$130.00
Environmental Planner	\$ 75.00	-	\$115.00
Staff Surveyor ³	\$ 75.00	-	\$105.00
Assistant Engineer	\$ 75.00	-	\$120.00
Survey Party Chief ³	\$ 75.00	-	\$105.00
Junior Engineer	\$ 65.00	-	\$ 90.00
Engineering Technician/Draftsperson ³	\$ 65.00	-	\$ 90.00
Lab/Field Technician ³	\$ 65.00	-	\$100.00
Survey Technician ³	\$ 65.00	-	\$ 90.00
Technical Writer	\$ 55.00	-	\$ 70.00
Clerical	\$ 50.00	-	\$ 70.00
Expert Witness ^{2,4}	\$155.00	-	\$255.00

¹ Incidental expenses, i.e., lodging, meals, airplane tickets, etc., are billed at cost plus 15%.
² Minimum daily charge is four hours.
³ Rates depend on the specific personnel assigned and if prevailing wage rates are required in the area of work.
⁴ Rates for Expert Witness are charged for preparation and testimony for both deposition(s) and trial(s).

Reimbursables	
The following direct charges are charged in addition to the hourly charge rates set forth above.	
Direct Charges:	
CADD plots (black & white)	\$ 4.00/ea.
CADD plots (color)	\$ 20.00/ea.
Copies	\$.15/ea.
Equipment and other expenditures (required for projects)	Cost + 15%
Field office	Cost + 15%
Filing fees, telephone expense, etc.	Cost + 15%
Iron pipe, monuments, flagging, etc.	Cost + 15%
Mylars	\$ 2.50/sq. ft.
Services of other consultants	Cost + 15%
Stakes, hubs, lath, etc.	Cost + 15%
Subsistence, air travel, etc.	Cost + 15%
Vehicles	\$ 50.00/day
Field Testing and Equipment:	
Anchor bolt tension testing	\$ 80.00/day plus operator
CO ₂ Meter	\$ 10.00/day
Concrete Compression Impact Hammer	\$ 25.00/day*+
Core Drilling Machine	\$ 75.00/day + \$3.00/inch cored
Dissolved Oxygen Meter	\$ 53.00/day*+
Expendable Supplies	\$ 40.00/day*+
Fyrite Meter	\$ 33.00/day*+
Generator	\$ 53.00/day*+
Geophysical Equipment	By Quotation
Grundfos Controller & Pump	\$275.00/day
Hand Auger	\$ 33.00/day
Health & Safety Level D	\$ 35.00/day*+
Health & Safety Level C	\$ 60.00/day*+
High Pressure Controller	\$ 60.00/day*+
Inclinometer	\$200.00/day*
LEL Meter	\$ 66.00/day*+
Nuclear Density Testing	\$ 25.00/hour plus operator
Other equipment including drill rigs, backhoes, etc.	Cost + 15%
ORP Meter	\$ 15.00/day
OVA	\$132.00/day*+
Peristaltic Pump	\$ 50.00/day*+
pH/Conductivity Meter	\$ 53.00/day*+
Pumps	\$ 45.00/day*+
Quad (ATV)	\$150.00/day
Rebar Locating Device	\$ 40.00/day plus operator
* 1/2 Day Minimum Charge. + 25% Weekly Discount, 40% Monthly Discount. (1) If concrete is sampled and delivered to SHN lab by outside contractor, add \$5.00/ea. for processing and curing per ASTM C-31.	

Reimbursables, Continued	
Field Testing and Equipment, Continued:	
Roto-hammer	\$ 50.00/day*+
Skidmore-Wilhelm Bolt Tension Calibration	\$ 50.00/day
Soil/Gas Purge Pumps	\$ 30.00/day*+
Soil Gas Probes	\$200.00/day*+
Torque Wrench (0 to 250 ft lbs)	\$ 25.00/day
Torque Wrench (250 to 1,000 ft lbs)	\$ 50.00/day
Turbidity Meter	\$ 26.00/day*+
Ultrasonic Test Device	\$ 20.00/hour plus operator
Vapor Extraction System	\$500.00/day*+
Water Level Data Logger	\$ 60.00/day*+
Water Level Meter	\$ 33.00/day*+
Well Point	\$ 50.00/day
Survey Equipment:	
GPS Station	\$300.00/day*
Level	\$ 25.00/day*
Resource GPS	\$ 150.00/day*
Robotic Total Station	\$ 200.00/day
Total Station	\$ 7.50/hour
Total Station w/Data Collector	\$ 100.00/day
Toughbook	\$ 150.00/day*
Trimble GeoXT GPS Unit	\$ 150.00/day*
Laboratory Tests:	
Asphalt Briquette Compaction	\$ 50.00/ea. ⁽¹⁾
Asphalt Bulk Specific Gravity	\$ 30.00/ea.
Asphalt Content by Nuclear Method	\$ 75.00/test
Asphalt Content Gauge Calibration	\$200.00/ea.
Asphalt Extraction (% Bitumen)	On Request
Asphalt (Hveem) Mix Design	On Request
Brass Tube (Liner)	\$ 5.00/ea.
Cleanness Value (CT 227)	\$ 75.00/ea.
Compaction Curves (ASTM D 1557 or Caltrans CT216):	
4-inch Mold	\$200.00/ea.
6-inch Mold	\$200.00/ea.
Check Point	\$ 75.00/ea.
Concrete Compressive Strength (CT 521 or ASTM C39)	\$ 25.00/ea. ⁽²⁾
Concrete Linear Shrinkage (3 Bars)	\$200.00
Concrete Moisture	\$ 25.00/test (floor test)
Consolidation Test	\$300.00/ea.
Direct Shear, per point: (ASTM D3080)	
Consolidated-Drained (CD)	\$145.00/point
Unconsolidated-Undrained (UU) (Modified ASTM)	\$115.00/point
Consolidated-Undrained (CU) (Modified ASTM)	\$130.00/point
Additional cycles (each)	\$ 65.00/ea.
Disposable Concrete Molds	\$ 2.00/ea.
* 1/2 Day Minimum Charge. + 25% Weekly Discount, 40% Monthly Discount. (1) If asphalt is delivered to SHN lab unmixed, add \$75.00/ea. for processing and mixing per Caltrans CT304. (2) If concrete is sampled and delivered to SHN lab by outside contractor, add \$5.00/ea. for processing and curing per ASTM C-31.	

Reimbursables, Continued	
Laboratory Tests, Continued:	
Durability Index	\$ 75.00/ea.
Expansion Index	\$175.00/test
Fireproofing Density	\$ 50.00/ea.
Grout Compressive Strength	\$ 40.00/ea.
LA Rattler (abrasion resistance)	\$200.00/test
Liquid Limit	\$100.00/ea.
Masonry Block Compressive Strength	\$ 65.00/ea.
Masonry Block Linear Shrinkage	\$ 85.00/ea.
Masonry Block Prism Compressive Strength	\$125.00/ea.
Masonry Core Shear Test	\$ 50.00/core
Moisture Content	\$ 20.00/ea.
Moisture-Density Test	\$ 30.00/ea.
Particle Size Analysis (ASTM 422)	\$115.00/ea.
Percent Crushed Particles	\$125.00/ea.
Percent Entrained Air In Concrete	\$ 10.00/ea.
Percent Organics	\$ 50.00/ea.
Plastic Limit	\$ 50.00/ea.
Plasticity Index	\$150.00/ea.
R-Value	\$300.00/ea.
Rice Specific Gravity of Asphalt (ASTM D2041)	\$ 75.00/ea.
Sand Equivalent	\$ 50.00/ea.
Sawing Rocks and Concrete Cores	\$ 30.00/unit
Sieve Analysis--Coarse	\$ 50.00/ea.
Sieve Analysis--Fine	\$ 60.00/ea.
Sieve Analysis--Passing 200	\$ 45.00/ea.
Specific Gravity, Rock	\$ 45.00/ea.
Stabilometer of Premixed AC	\$ 75.00/ea.
Sulfate Soundness	\$ 80.00/cycle
Swell Test	\$ 55.00/point
Triaxial Compression	
Unconsolidated Undrained (TXUU) (ASTM D2850)	\$115.00/point
Consolidated Undrained (TXCU) (ASTM D4767)	\$385.00/point
Consolidated Drained (TXCD) (ACOE)	\$500.00/point
Consolidated Undrained (TXCU-3 stage) (ASTM D4767)	\$810.00/test
Consolidated Drained (TXCD-3 stage) (ACOE)	\$860.00/test
USDA Bulk Density Test	\$ 30.00/ea.
USDA Textural Suitability Test	\$ 60.00/ea.
Unconfined Compression	\$ 65.00/ea.
Unit Weight of Lightweight Concrete	\$ 50.00/unit
Notes:	
All samples of soil or rock from physical testing are discarded 30 days after submission of final report unless prior arrangements are made. Samples of soil or rock submitted for testing for hazardous substances will be returned to the Client, who is responsible for proper disposal.	
This fee schedule is subject to review and adjustment, as required.	
Certain services may require prevailing wages or overtime at premium pay to SHN employees. In such circumstances, fees will be adjusted to reflect increased labor costs.	



August 17, 2017

ADDENDUM NO. 1

Subject: TESTING SERVICES FOR NORTH STATE STREET INTERSECTION- LOW GAP AND BRUSH STREET

To all Prospective Consultants:

Attached herewith is ADDENDUM NO.1 for the subject project.

- 1) Increase the quantity of COMPACTION TESTING to 42 total
- 2) Add GEOTECHNICAL INSPECTION and APPROVE Footing Excavations prior to placement of forms and rebar. See attached Plans for Profile and Detail 20 and Detail 21 (2 sheets)

The proposal due date for this project will still be: **AUGUST 29, 2017 AT 2:00pm.**

IF YOU SUBMIT A PROPOSAL, ACKNOWLEDGMENT OF THIS ADDENDUM MUST BE SHOWN ON THIS ADDENDUM. IN ADDITION THIS SIGNED ACKNOWLEDGEMENT MUST BE SUBMITTED WITH THE PROPOSAL.

This Addendum is being sent to you in order that this office may be assured all consultants have received same.

It should be noted it is the responsibility of the consultant to notify all prospective sub consultants of any and all changes.

Sincerely,

Jarod L. Thiele
Public Works Management Analyst

ACKNOWLEDGEMENT

I hereby acknowledge that I have received this Addendum No. 1 and have reviewed and considered it before submitting my proposal.

Signed: Thomas M. Herman Date: August 29, 2017

EMERGENCY RESPONSE	THIS MONTH					
	2017	2016	2015	2014	2013	2012

FIRES

Structures	4	2	2	2	0	0
Grass/Wildland	7	9	2	2	7	1
Vehicles	0	2	0	1	1	1
Refuse	2	6	1	0	2	1
Mutual/Automatic Aid	6	12	6	6	11	16
Other Outdoor	1	3	2	0	0	0
TOTAL	20	34	13	11	21	19

NON-FIRES

Emergency Medical	111	134	31	40	34	48
Vehicle Accident	10	16	9	7	3	5
Hazardous Material	4	2	0	0	0	0
Citizen Service	30	16	5	8	4	6
Good Intent	88	77	16	15	15	7
False Alarm	18	14	3	3	1	5
Other	1	0	0	0	0	0
TOTAL	262	259	64	73	57	71
TOTAL RESPONSES	282	293	77	84	78	90

Incident Re-Cap

Still Alarm	238	250	64	68	57	70
Squad Call	19	31	6	5	7	15
First Alarm	25	12	7	11	13	5
General Alarm	0	0	0	0	1	0

Volunteer Response

Volunteer Calls	44	43	13	16	21	20
Ave. Volunteers/ Call	3	1	2	3	5	2
Volunteer Emergency	50	119	25	67	126	427

TRAINING (hours)

Career Personnel	71	46	98	88	74	87
Volunteer Personnel	97	51	138	97	176	179

FIRE PREVENTION

Inspections	18	0	3	0	9	1
Pre-Plans Completed	3	1	3	5	9	12

FIRE LOSSES

Persons Killed	0	0	0	0	0	0
Persons Injured	0	0	0	0	2	0
Estimated Fire Loss in	268,600	7,750	95,200	53,250	700,700	1,250

	TO DATE					
	2017	2016	2015	2014	2013	2012

19	20	7	11	13	15
35	19	9	10	20	11
6	9	6	11	5	5
18	15	4	2	8	4
35	37	38	29	75	73
5	8	4	1	2	3
118	108	68	64	123	111

881	1033	280	325	291	331
99	100	50	49	37	34
12	12	2	3	4	1
231	179	59	51	44	30
254	540	170	119	117	63
364	95	33	12	18	22
3	0	0	0	0	0
1844	1959	594	559	511	481
1962	2067	662	623	634	592

1820	1909	566	518	480	446
87	99	64	51	88	98
110	57	31	52	62	44
0	2	1	2	4	4

210	166	96	105	154	146
2	0	3	4	5	4
892	387	298	539	1023	1169

833	1116	1217	1100	841	1009
903	942	1374	1589	2069	1907

43	13	31	72	76	68
3	5	38	96	67	116

1	0	0	0	0	0
1	0	0	1	14	0
994,950	1,024,905	716,900	636,650	2,769,020	498,375

August 2017

Summary: The District/City had 44 calls for volunteers in August:

8 vehicle accidents
7 vegetation fires (LRA)
15 good intent calls
2 medical aid
1 refuse fire
4 mutual/auto aid
1 hazmat
2 citizen service
4 structure fires

62 volunteers responded for an average of 3 per call totaling 50 hours.

Totals calls for August = 111 District (39%) + 171 City (61%) for a total of 282.

Service Detail Sheet						
DATE:	9/1/2017					
UVFD EQUIPMENT	LAST MONTH MILEAGE	THIS MONTH MILEAGE	MILES	LAST MONTH HOURS	THIS MONTH HOURS	HOURS
U6403	104,811	105,245	434	N/A	N/A	N/A
U6406	50,909	51,421	512	2,285	2,317	32
SQ6431	28,108	28,109	1	N/A	N/A	N/A
SU6456	148,531	148,561	30	10	17	7
E6463	20,214	21,214	1,000	1,574	1,671	97
E6463 Aux Pump	N/A	N/A	N/A	70	79	9
E6465	24,558	25,556	998	1,998	2,085	87
E6465 Aux Pump	N/A	N/A	N/A	51	54	3
E6471	128,807	128,836	29	27	31	4
E6471 Aux Pump	N/A	N/A	N/A	10	10	0
E6483	95,861	95,862	1	7,399	7,399	0
E6485	90,155	90,161	6	7,617	7,618	1
WT6490	21,469	21,473	4	3,344	3,344	0
UFD EQUIPMENT	LAST MONTH MILEAGE	THIS MONTH MILEAGE	MILES	LAST MONTH HOURS	THIS MONTH HOURS	HOURS
U6504	63,417	63,999	582	N/A	N/A	N/A
U6505	76,497	76,861	364	N/A	N/A	N/A
U6515	102,770	102,815	45	N/A	N/A	N/A
M6520	78,466	78,470	4	9,168	9,170	2
U6545	85,684	85,780	96	N/A	N/A	N/A
SQ6547	27,227	27,260	33	2,401	2,406	5
T6552	37,416	37,941	525	3,559	3,613	54
E6580	72,307	72,412	105	7,833	7,847	14
E6584	73,092	73,237	145	7,729	7,742	13

Gasoline							
EQUIPMENT	LAST MONTH MILEAGE	THIS MONTH MILEAGE	MILES	LAST SERVICE	MILEAGE AT NEXT SERVICE	OR DATE OF NEXT SERVICE	PERCENT MILES COMPLETED
UVFD							
U6403	104,811	105,245	434	104,330	108,330	Nov-2017	23%
U6406 (Diesel)	50,909	51,421	512	51,143	55,143	Aug-2018	7%
SQ6431	28,108	28,109	1	24,352	28,352	Jul-2017	94%
UFD							
U6504	63,417	63,999	582	61,239	65,239	Sep-17	69%
U6505	76,497	76,861	364	74,809	78,809	Sep-17	51%
U6515	102,770	102,815	45	102,053	106,053	Jun-17	19%
U6545	85,684	85,780	96	84131	88,131	Aug-17	41%
Diesel							
EQUIPMENT	LAST MONTH HOURS	THIS MONTH HOURS	HOURS (HRS)	HRS LAST SERVICE	HRS NEXT SERVICE	OR DATE OF NEXT SERVICE	PERCENT HOURS COMPLETED
UVFD							
SU6456	10	17	6.7	3	203	Mar-18	7%
E6463	1,574	1,671	97	1534	1734	Dec-17	69%
E6463 Aux Pump	70	79	8.6	0	100	Mar-18	79%
E6465	1,998	2,085	87	2020	2220	Aug-18	33%
E6465 Aux Pump	51	54	3.4	52	152	Aug-18	2%
E6471	27	31	3.6	3	203	Mar-18	14%
E6471 Aux Pump	10	10	0.31	2	102	Mar-18	4%
E6483	7,399	7,399	0	7280	7480	Aug-17	60%
E6485	7,617	7,618	0.9	7605	7805	Mar-18	6%
WT6490	3,344	3,344	0.2	3319	3519	Mar-18	13%
U6406	2,285	2,317	32	2299	2499	Aug-18	9%
UFD							
M6520	9168	9,170	1.5	9168	9368	Jul-18	1%
SQ6547	2401	2,406	5	2306	2601	Aug-17	50%
T6552	3,559	3,613	54	3408	3608	Mar-18	103%
E6580	7,833	7,847	14	7800	8000	Mar-18	24%
E6584	7,729	7,742	13	7680	7880	Mar-18	31%
Filename: ServiceDetailSheet UKV.UKH.Miles.Hours							



AGENDA SUMMARY REPORT

SUBJECT: Authorize Execution of Amendment to the Agreement with GHD in an Amount Not To Exceed \$251,025 for Construction Engineer and Management Services for the Redwood Business Park Transportation Improvements and the Talmage Interchange Projects.

DEPARTMENT: Public Works

PREPARED BY: Jarod Thiele

ATTACHMENTS:

[Attachment 1 - GHD Proposal for Professional Engineering Services](#)

Summary: City Council will consider authorizing an amendment to the professional services agreement with GHD for Construction Engineering and Management Services for the Redwood Business Park Transportation Improvements and the Talmage Interchange projects.

Background: The design for these projects began in March, 2010. Since that time staff has worked with GHD through many iterations and changes to the project in order for the bid documents to be released.

Discussion: Bids for the Redwood Business Park Transportation Improvement Project were opened on August 30, 2017 and bids for the Talmage Interchange Project are due on September 12, 2017. City staff, mainly in the Engineering Department, will be providing daily inspection services for both projects.

RECOMMENDED ACTION: Authorize execution of amendment to the agreement with GHD in an amount not to exceed \$251,025 for Construction Engineer and Management Services for the Redwood Business Park Transportation Improvements and the Talmage Interchange projects.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: \$7,333,333 Account #10024220.80230 PC 13001

PROPOSED BUDGET AMOUNT: \$0

FINANCING SOURCE: I-Bank

PREVIOUS CONTRACT/PURCHASE ORDER NO.: COU No. 1213-142

COORDINATED WITH: Tim Eriksen, Director of Public Works/City Engineer; Andrew Stricklin, Engineering Analyst

Approved: _____


Sage Sangiacomo, City Manager

Due to the scope of the construction activities, staff requested a proposal from GHD to assist the City's Engineering Department with inspection and contract management services as detailed in the proposal (Attachment 1).

Major components of the scope that are crucial to the project include Schedule Coordination with the City and Contractor; Progress Payment Review; Traffic Signal Timing and Start-up; Requests for Information and Change Orders, if needed. Furthermore, GHD's knowledge and expertise is necessary for the work within the Caltrans right of way.



August 3, 2017

Reference No. 02502-10001

Tim Eriksen
Public Works Director / City Engineer
City of Ukiah
300 Seminary Avenue
Ukiah, CA 95482

Re: Proposal for Professional Engineering Services: Construction Engineering and Management Services for the Redwood Business Park Transportation Improvements Project and Talmage Road Interchange Project, Ukiah, CA

Dear Mr. Eriksen:

GHD is pleased to provide this proposal for professional construction engineering and management services for the construction phase of the Redwood Business Park Transportation Improvements project and the Talmage Road Interchange project. This proposal is based on our discussions and your request for construction phase services for these projects. It is our understand that City staff will be providing daily construction inspections and observations, and that materials testing for contract compliance will be provided by the City's contract materials testing laboratory.

Professional Engineering Scope of Services for Redwood Business Park Transportation Improvements

This scope of services is based on a construction contract of one hundred twenty (120) working days for completion of all work under the Construction Contract.

Task 1 – Pre-Construction

This task includes project administration, coordination, organizing the pre-construction meeting and documenting the pre-construction conditions:

Task 1.1 Project Administration and Coordination

GHD will provide overall project administration, construction project budget and schedule tracking and contract oversight. We understand the City is planning to use an online construction / project management platform (Procore) to maintain the construction contract documentation and overall contract management. We will work with the City to utilize this system, as well as using GHD project and construction management systems to maintain the level of contract documentation necessary for the project. The overall construction schedule and the regular schedule updates will be provided by the Contractor.

Task 1.2 Schedule and Cost breakdown review

GHD will review the Contractor's construction schedule and schedule of values (lump sum cost breakdown) for progress payments with the City's on-site inspector. Adjustments to the construction schedule and revision to the schedule of values will be coordinated with the Contractor.



Task 1.3 Pre-Construction Meeting

GHD will organize and facilitate the pre-construction meeting and discuss issues including the overall project review, design approach, design intent, project concepts, and construction procedures. GHD will prepare and distribute a meeting agenda, a sign-in sheet and meeting notes.

- Coordination with City Staff, City inspector and City utility service providers.

Task 1.4 Photo log/Pre-construction Review

- Photograph and video documentation of existing conditions prior to construction.

Task 2 – Construction Phase – Construction Management

GHD will coordinate between the Contractor, design team, City of Ukiah, and other parties throughout course of the project. It is assumed that the City will handle and respond to public concerns/complaints.

Task 2.1 Progress Pay Requests

GHD will review Contractor monthly payment requests, negotiate differences in payment quantities, and prepare and submit monthly payment requests to City. It is assumed there will be a total of six (6) progress payments plus one (1) final payment that includes release of retention.

Task 2.2 Project Files

GHD will maintain project construction records and files. It is assumed the Contractor will provide all prevailing wage reports directly to the City.

Task 2.3 Progress Meetings

The Construction Manager or a designated representative will attend project meetings with the Contractor and City inspector and prepare agenda and meeting minutes, as needed. This scope of work assumes one progress meeting every week (up to 24 meetings). The Construction Manager or representative will attend up to 24 in-person meetings weekly meetings.

Task 2.4 Schedule Monitoring

The Construction Manager will coordinate with the City inspector to monitor the Contractor's construction schedule and progress for adherence to project schedule, coordinate with the Contractor on maintaining activities, notify Contractor of any schedule concerns, review any schedule revisions, and negotiate time extensions.

Coordinate with the Contractor on scheduling of materials testing for contract conformance, and to provide City staff with sufficient advance notice for any construction activities which may affect or require City resources. This task assumes the City has contracted separately with a materials testing laboratory/consultant to provide materials testing during construction.



Task 2.5 Submittals

GHD will coordinate and manage Submittal and Shop Drawings reviews – including maintaining submittal log (up to 40 hours of processing and review time), and technical review and response of submittals. This scope item also includes an allowance for up to 4 resubmittals.

Task 2.6 Periodic Site Visits

GHD will make periodic site visits during construction to review the progress of construction, review work completed and in progress, and make general observations regarding the Contractor's work and progress in completing the project in accordance with the construction contract documents. A site visit report will be prepared for each site visit. A total of four (4) site visits are included in this task, inclusive of a final punch-list site visit at substantial completion.

Task 2.7 Traffic Signal Timing and Start-up

GHD will prepare initial traffic signal timing plan for the one (1) new and two (2) modified traffic signals, and provide field assistance during start-up, testing and timing of the signals. This task assumes one timing plan per intersection, and the City's traffic signal technician or the Contractor will input the timing to the signal controller. It is anticipated that adjustments to signal timing may be required at a later near-term date once traffic in the area normalizes. We have budgeted up to 32 hours per traffic signal for this task.

Task 2.8 Request for Information/Contract Change Orders (RFIs/CCOs) and Engineering

GHD will manage Contractor correspondence including Requests for Information (RFIs), Potential Change Orders (PCOs) and Contractor Change Orders (CCOs) – include technical / engineering assistance & review, maintaining logs, prepare and transmit responses and coordinate with other parties to develop responses. This task also includes up to 24 hours of budget for engineering design for changes during construction, such as potential revisions to bioretention areas based on the Contractor's field verified utility locations.

- Allowance for up to 6 Change Orders (2 hours each) and 12 RFIs (1 hour each).

Task 2.9 Oversight

GHD will provide senior level oversight of the project, including reviewing progress pay requests, correspondence, meeting minutes, RFIs and CCOs, as needed (up to 4 hours for Principal and 16 hours for Construction Manager).

Task 3 – City Inspector and Talmage Road Interchange Coordination

GHD will coordinate with the City's inspector by email, phone and in-person on general day-to-day construction activities, Contractor equipment, labor, materials and progress with the goal of assisting the City with the documentation of on-site the construction activities and progress, construction area cleanliness, potential future conflicts, and contractor / construction issues. The purpose of this task is to assist the City in assuring sufficient documentation of project construction activities for future records, change order and pay request negotiations, and compliance with the design intent and construction contract requirements.



Concurrent with this project, it is anticipated that the Talmage Road Interchange project will also be under construction. The two projects have some overlap on Talmage Road between Airport Park Boulevard and the northbound interchange on/off ramps. Coordination with the contractors for each of these projects and the construction manager for the Talmage Road Interchange project with regard to work scheduling, traffic control, traffic signals, and other items will be very important to the success of both projects.

We have budgeted for up to 8 hours per week for this task.

This task is based on the assumption that the City is providing sufficient on-site construction inspection / observation to check on the Contractor's general conformance with the project plans and specifications.

- Prepare daily observation reports including digital photo logs of progress
- Maintain job set plans with markup depicted any changes
- Collect and maintain all material tags and testing tags/reports.
- Review traffic control and monitor Contractor daily activities for possible impacts to public – check for adequate noticing in alignment with traffic control set up
- Review Contractor's erosion control plan, check for conformance with the construction documents, and monitor for implementation of BMPs on timely manner

Task 4 – Project Closeout

Task 4.1 Closeout Documentation

GHD will prepare final project closeout documents including the following:

- Final project summary letter
- Approved submittals
- Responses to RFIs
- Approved Change Orders.
- All materials testing and inspection records and final reports (provided by City and third party inspectors)
- Meeting records

Task 4.2 Record Drawings

GHD will prepare and transmit Record Drawings to the City, incorporating any field changes, change orders or other changes deemed necessary by the Engineer or City, and existing conditions located by the Contractor. It is assumed the Contractor will provide a single set of consolidated red-line as-built drawings. It is also assumed the City will provide redline drawings of changes documented during daily on-site inspection. GHD will provide one (1) bond hard copy Record Drawing, electronic PDF Record Drawing, and AutoCAD files with consolidated construction changes to the City for their records.

Task 4.3 Notice of Completion/Retention

GHD will assist the City in preparing the Notice of Completion and coordinate payment processing of retention.



Professional Engineering Scope of Services for Talmage Road Interchange

This scope of services is based on a construction contract of one hundred (100) working days for completion of all work under the Construction Contract.

Task 1 – Pre-Construction

This task includes project administration, coordination, organizing the pre-construction meeting and documenting the pre-construction conditions:

Task 1.1 Project Administration and Coordination

GHD will provide overall project administration, construction project budget and schedule tracking and contract oversight. We understand the City is planning to use an online construction / project management platform (Procore) to maintain the construction contract documentation and overall contract management. We will work with the City to utilize this system, as well as using GHD project and construction management systems to maintain the level of contract documentation necessary for the project. The overall construction schedule and the regular schedule updates will be provided by the Contractor.

Task 1.2 Schedule and Cost breakdown review

GHD will review the Contractor's construction schedule and schedule of values (lump sum cost breakdown) for progress payments with the City's on-site inspector. Adjustments to the construction schedule and revision to the schedule of values will be coordinated with the Contractor.

Task 1.3 Pre-Construction Meeting

GHD will organize and facilitate the pre-construction meeting and discuss issues including the overall project review, design approach, design intent, project concepts, and construction procedures. GHD will prepare and distribute a meeting agenda, a sign-in sheet and meeting notes.

- Coordination with City Staff, City inspector and City utility service providers.

Task 1.4 Photo log/Pre-construction Review

- Photograph and video documentation of existing conditions prior to construction.

Task 2 – Construction Phase – Construction Management

GHD will coordinate between the Contractor, design team, City of Ukiah, and other parties throughout course of the project. It is assumed that the City will handle and respond to public concerns/complaints.

Task 2.1 Progress Pay Requests

GHD will review Contractor monthly payment requests, negotiate differences in payment quantities, and prepare and submit monthly payment requests to City. It is assumed there will be a total of six (6) progress payments plus one (1) final payment that includes release of retention.



Task 2.2 Project Files

GHD will maintain project construction records and files. It is assumed the Contractor will provide all prevailing wage reports directly to the City.

Task 2.3 Progress Meetings

The Construction Manager or a designated representative will attend project meetings with the Contractor and City inspector and prepare agenda and meeting minutes, as needed. This scope of work assumes one progress meeting every week (up to 24 meetings). The Construction Manager or representative will attend up to 24 in-person meetings weekly meetings.

Task 2.4 Schedule Monitoring

The Construction Manager will coordinate with the City inspector to monitor the Contractor's construction schedule and progress for adherence to project schedule, coordinate with the Contractor on maintaining activities, notify Contractor of any schedule concerns, review any schedule revisions, and negotiate time extensions.

Coordinate with the Contractor on scheduling of materials testing for contract conformance, and to provide City staff with sufficient advance notice for any construction activities which may affect or require City resources. This task assumes the City has contracted separately with a materials testing laboratory/consultant to provide materials testing during construction.

Task 2.5 Submittals

GHD will coordinate and manage Submittal and Shop Drawings reviews – including maintaining submittal log (up to 40 hours of processing and review time), and technical review and response of submittals. This scope item also includes an allowance for up to 4 resubmittals.

Task 2.6 Periodic Site Visits

GHD will make periodic site visits during construction to review the progress of construction, review work completed and in progress, and make general observations regarding the Contractor's work and progress in completing the project in accordance with the construction contract documents. A site visit report will be prepared for each site visit. A total of four (4) site visits are included in this task, inclusive of a final punch-list site visit at substantial completion.

Task 2.7 Traffic Signal Timing and Start-up

GHD will prepare initial traffic signal timing plan for the one (1) new and two (2) modified traffic signals, and provide field assistance during start-up, testing and timing of the signals. This task assumes one timing plan per intersection, and the City's traffic signal technician or the Contractor will input the timing to the signal controller. It is anticipated that adjustments to signal timing may be required at a later near-term date once traffic in the area normalizes. We have budgeted up to 32 hours per traffic signal for this task.



Task 2.8 Request for Information/Contract Change Orders (RFIs/CCOs) and Engineering

GHD will manage Contractor correspondence including Requests for Information (RFIs), Potential Change Orders (PCOs) and Contractor Change Orders (CCOs) – include technical / engineering assistance & review, maintaining logs, prepare and transmit responses and coordinate with other parties to develop responses. This task also includes up to 24 hours of budget for engineering design for changes during construction, such as potential revisions to bioretention areas based on the Contractor's field verified utility locations.

- Allowance for up to 6 Change Orders (2 hours each) and 12 RFIs (1 hour each).

Task 2.9 Oversight

GHD will provide senior level oversight of the project, including reviewing progress pay requests, correspondence, meeting minutes, RFIs and CCOs, as needed (up to 4 hours for Principal and 16 hours for Construction Manager).

Task 3 – City Inspector and Talmage Road Interchange Coordination

GHD will coordinate with the City's inspector by email, phone and in-person on general day-to-day construction activities, Contractor equipment, labor, materials and progress with the goal of assisting the City with the documentation of on-site the construction activities and progress, construction area cleanliness, potential future conflicts, and contractor / construction issues. The purpose of this task is to assist the City in assuring sufficient documentation of project construction activities for future records, change order and pay request negotiations, and compliance with the design intent and construction contract requirements.

Concurrent with this project, it is anticipated that the Talmage Road Interchange project will also be under construction. The two projects have some overlap on Talmage Road between Airport Park Boulevard and the northbound interchange on/off ramps. Coordination with the contractors for each of these projects and the construction manager for the Talmage Road Interchange project with regard to work scheduling, traffic control, traffic signals, and other items will be very important to the success of both projects.

We have budgeted for up to 8 hours per week for this task.

This task is based on the assumption that the City is providing sufficient on-site construction inspection / observation to check on the Contractor's general conformance with the project plans and specifications.

- Prepare daily observation reports including digital photo logs of progress
- Maintain job set plans with markup depicted any changes
- Collect and maintain all material tags and testing tags/reports.
- Review traffic control and monitor Contractor daily activities for possible impacts to public – check for adequate noticing in alignment with traffic control set up
- Review Contractor's erosion control plan, check for conformance with the construction documents, and monitor for implementation of BMPs on timely manner



Task 4 – Survey and Right-of-Way Certification

Task 4.1 Changes of Epochs – Survey Work to Coincide with Caltrans Basis for Record of Survey

In preparing the quitclaim deed for Caltrans to acquire a portion of Munson Frontage Road, it was discovered that there was a discrepancy between the right-of-way which Caltrans has established for the US 101 Right-of-Way and the survey work which Rau and Associates, Inc.(RAU) performed for both the Talmage Road Interchange and the Redwood Business Park Transportation Improvements projects. RAU relied on official maps from Caltrans from the time of construction and other Maps of Record that created the Redwood Business Park parcels, together with Caltrans-Established HPGN Monuments straddling the development. The customary California Grid was used as a basis with an Epoch Date of 2007.00. The work began in 2009 and completed in 2014. In 2017, RAU was requested to prepare a quitclaim deed for a transfer of right-of-way from the City of Ukiah to Caltrans and to make it conform to the Caltrans resolution of their Right-of-Way for US 101. It was discovered that there were some discrepancies between the RAU version and the Caltrans version. Through discussions and exchange of data, it was determined that the Caltrans resolution was based on an Epoch Date of 2004.69, which created the discrepancy with the epoch which RAU used (2007.00). The Caltrans data is not found on any recorded map and an official request from Caltrans was not made until December 14, 2016, so there was no way of knowing that this basis should have been used until after the mapping for the two projects was complete.

It is important to show the two bases on a Record of Survey Map so that future land surveys will have all of the information to correlate the two mapping projects (Caltrans R/W and Ukiah Redwood Business Park). In order to complete this task there is some confirming field work required, then the Record of Survey already authorized must be prepared to show both coordinate systems. In addition, both resolutions of the location of the Right-of-Way are a “best fit” and there are monuments in the field that do not fall precisely on the “best fit”. Some are up to 1.5 feet distant from the actual right-of-way and this can lead to confusion in the future if these discrepancies are not documented on the Record of Survey.

Task 4.2 Right-of-Way Certification Document

In order to begin construction of the modifications to the ramps from US 101 to Talmage Road, Caltrans has requested that a right-of-way certification document be prepared. This document is found in the Caltrans Survey Manual and is identified as Exhibit 14-EX-3 (REV 02/2016). A budget of 6 hours has been established for the principal civil engineer from RAU to assist with completing the form and delivering it to the City of Ukiah to complete the right-of-way process.

Task 4.3 Miscellaneous Survey Questions – Bidding and Staking

There will likely be questions during the bidding process or during the construction staking process regarding the control points shown on the project drawings. A budget of 4 hours for the principal civil engineer and 8 hours for the survey manager at RAU has been established for answering questions and providing assistance to the Construction Manager for both the Redwood Business Park Transportation Improvements and Talmage Road Interchange projects.

Task 5 – Project Closeout

Task 5.1 Closeout Documentation

GHD will prepare final project closeout documents including the following:



- Final project summary letter
- Approved submittals
- Responses to RFIs
- Approved Change Orders.
- All materials testing and inspection records and final reports (provided by City and third party inspectors)
- Meeting records

Task 5.2 Record Drawings

GHD will prepare and transmit Record Drawings to the City, incorporating any field changes, change orders or other changes deemed necessary by the Engineer or City, and existing conditions located by the Contractor. It is assumed the Contractor will provide a single set of consolidated red-line as-built drawings. It is also assumed the City will provide redline drawings of changes documented during daily on-site inspection. GHD will provide one (1) bond hard copy Record Drawing, electronic PDF Record Drawing, and AutoCAD files with consolidated construction changes to the City for their records.

Task 5.3 Notice of Completion/Retention

GHD will assist the City in preparing the Notice of Completion and coordinate payment processing of retention.

Deliverables

- Meeting notes and agenda and related records
- Photograph and video documentation of existing conditions prior to construction
- Monthly payment requests (electronic)
- Site visit reports (electronic)
- Final project summary letter (electronic)
- Approved submittals and change orders (electronic)
- Responses to RFIs (electronic)
- All materials testing and inspection records and final reports (provided by City and third party inspectors, electronic)
- Record Drawings (one bond hard copy, electronic PDF, and AutoCAD files)

Information Provided by City

1. Copies of all notices to Construction Contractor.
2. Contact information of City's contract materials testing laboratory / consultant.
3. Reasonable access to project site to conduct surveys and investigations.

General Assumptions/Exclusions

This proposal is based on the following assumptions:

1. Meetings other than indicated are not required.
2. Production of hard-copy documents in addition to those specified is excluded.
3. Drawings will be prepared using AutoCAD Civil 3D 2016 or newer.
4. Any permits and associated fees will be obtained by County.
5. Cost of materials testing for contract compliance will be provided by the City.
6. Field survey efforts are subject to Prevailing Wage rates.



7. All scope associated with hazardous materials investigation, sampling, testing, handling and abating is excluded. Hazardous materials include contaminated soils, groundwater and building materials.
8. Preparation and filing of a Record of Survey is excluded.
9. GHD accept no liability or responsibility for any unauthorized use of our work.

Proposed Fee

GHD proposes to complete this scope of services for a time-and-materials fee not to exceed \$251,025 without written authorization from the City per the attached fee estimate (Attachment 1). Services not included in this proposal can be provided on a time-and-materials basis per the attached GHD Standard Fee Schedule (Attachment 2) or by a negotiated fee.

Summary

GHD is committed to continuing to provide the City with the high-quality service and professionalism you have come to expect. We are excited about the upcoming construction of these very important projects, and look forward to contributing to their success. Should you have any questions, please do not hesitate to contact me.

Sincerely,
GHD Inc.



Matt Kennedy, PE, TE
Project Manager

Attachments:

1. GHD Fee Estimate
2. GHD Standard Fee Schedule



GHD - PROJECT FEE ESTIMATING SHEET

Project Name: Transportation Improvements for RBP / Talmage Road Interchan Client: City of Ukiah
 Prepared by: Matt Kennedy Date: August 3, 2017
 Job Number: 02502-10001

		LABOR COSTS								FEE COMPUTATION		
	LABOR CATEGORY > RATE >	PD \$260 /Hr	Const Mgr. \$205 /Hr	Civil Eng. \$140 /Hr	Traf. Eng. \$175 /Hr	CAD Designer \$135 /Hr	WP \$110 /Hr	PA \$125 /Hr	TOTAL HOURS	*OTHER DIRECT COSTS	Sub- con- sultant(s)	TOTAL FEE
Task / Item												
Transportation Improvements for RBP												
TASK- 1.0 Pre-Construction												
1.1 Project Administration and Coordination			8	2	2			4	16	\$96		\$2,866
1.2 Schedule and Cost breakdown review			8					2	10	\$60		\$1,950
1.3 Pre-Construction Meeting		3	8	4				4	19	\$114		\$3,594
1.4 Photo log/Pre-construction Review				6					6	\$66		\$906
SUBTOTAL TASK 1.0		3	24	12	2	0	0	10	51	\$336	\$0	\$9,316
TASK- 2.0 Construction Phase – Construction Management												
2.1 Progress Pay Requests			24						24	\$144		\$5,064
2.2 Project Files			16					16	32	\$192		\$5,472
2.3 Progress Meetings			80					8	88	\$528		\$17,928
2.4 Schedule Monitoring			12					6	18	\$108		\$3,318
2.5 Submittals			8	16	12			4	40	\$240		\$6,720
2.6 Periodic Site Visits			12	6	6				24	\$264		\$4,614
2.7 Traffic Signal Timing and Start-up					96				96	\$1,056		\$17,856
2.8 RFIs/CCOs			12	30	6			2	50	\$300		\$8,260
2.9 Oversight		4	16						20	\$120		\$4,440
SUBTOTAL TASK 2.0		4	180	52	120	0	0	36	392	\$2,952	\$0	\$73,672
TASK- 3.0 City Inspector Coordination												
3.1 City Inspector Coordination			192						192	\$1,152		\$40,512
SUBTOTAL TASK 3.0		0	192	0	0	0	0	0	192	\$1,152	\$0	\$40,512
TASK- 4.0 Project Closeout												
4.1 Closeout Documentation			12	4	4			8	28	\$168		\$4,888
4.2 Record Drawings			4	4	2	8	2	2	22	\$132		\$3,412
4.3 Notice of Completion/Retention			6					4	10	\$60		\$1,790
SUBTOTAL TASK 4.0		0	22	8	6	8	2	14	60	\$360	\$0	\$10,090
Project Subtotal		7	418	72	128	8	2	60	695	4,800	0	133,590



GHD - PROJECT FEE ESTIMATING SHEET

Project Name: Transportation Improvements for RBP / Talmage Road Interchan Client: City of Ukiah

Prepared by: Matt Kennedy Date: August 3, 2017

Job Number: 02502-10001

		LABOR COSTS								FEE COMPUTATION		
	LABOR CATEGORY > RATE >	PD \$260 /Hr	Const Mgr. \$205 /Hr	Civil Eng. \$140 /Hr	Traf. Eng. \$175 /Hr	CAD Designer \$135 /Hr	WP \$110 /Hr	PA \$125 /Hr	TOTAL HOURS	*OTHER DIRECT COSTS	Sub- con- sultant(s)	TOTAL FEE
Task / Item												
TALMAGE ROAD INTERCHANGE PROJECT												
TASK- 1.0 Pre-Construction												
1.1 Project Administration and Coordination			6	2	2			4	14	\$84		\$2,444
1.2 Schedule and Cost breakdown review			6					2	8	\$48		\$1,528
1.3 Pre-Construction Meeting		2	8	2				4	16	\$96		\$3,036
1.4 Photo log/Pre-construction Review				5					5	\$55		\$755
SUBTOTAL TASK 1.0		2	20	9	2	0	0	10	43	\$283	\$0	\$7,763
TASK- 2.0 Construction Phase – Construction Management												
2.1 Progress Pay Requests			22						22	\$132		\$4,642
2.2 Project Files			12					12	24	\$144		\$4,104
2.3 Progress Meetings			64					8	72	\$432		\$14,552
2.4 Schedule Monitoring			10					6	16	\$96		\$2,896
2.5 Submittals			6	12	8			4	30	\$180		\$4,990
2.6 Periodic Site Visits			8	4	4				16	\$176		\$3,076
2.7 Traffic Signal Timing and Start-up					72				72	\$792		\$13,392
2.8 RFIs/CCOs			12	24	6			1	43	\$258		\$7,253
2.9 Oversight		4	12						16	\$96		\$3,596
SUBTOTAL TASK 2.0		4	146	40	90	0	0	31	311	\$2,306	\$0	\$58,501
TASK- 3.0 City Inspector Coordination												
3.1 City Inspector Coordination			156						156	\$936		\$32,916
3.2 90% Technical Specifications									0	\$0		\$0
3.3 90% Calculations									0	\$0		\$0
3.4 100% Drawings									0	\$0		\$0
3.5 100% Technical Specifications									0	\$0		\$0
3.5 100% Calculations									0	\$0		\$0
3.6 Prepare SWPPP									0	\$0		\$0
3.7 LEED Credit Documentation									0	\$0		\$0
SUBTOTAL TASK 3.0		0	156	0	0	0	0	0	156	\$936	\$0	\$32,916
TASK- 4.0 Survey and R/W Certification												
4.1 Changes of Epochs									0	\$0	\$4,911	\$4,911
4.2 Right-of-Way Certification Document									0	\$0	\$1,208	\$1,208
4.3 Miscellaneous Survey Questions – Bidding and Staking									0	\$0	\$2,047	\$2,047
SUBTOTAL TASK 4.0		0	0	0	0	0	0	0	0	\$0	\$8,165	\$8,165
TASK- 5.0 Project Closeout												
5.1 Closeout Documentation			12	4	4			8	28	\$168		\$4,888
5.2 Record Drawings			4	4	2	8	2	2	22	\$132		\$3,412
5.3 Notice of Completion/Retention			6					4	10	\$60		\$1,790
SUBTOTAL TASK 5.0		0	22	8	6	8	2	14	60	\$360	\$0	\$10,090
Project Subtotal		6	344	57	98	8	2	55	570	3,885	8,165	117,435
PROJECT TOTALS		13	762	129	226	16	4	115	1,265	8,685	8,165	251,025

*OTHER DIRECT COSTS include telephone, mileage, printing, photocopies and other miscellaneous direct expenses.



2017/2018 USA Fee Schedule

Principals: \$217.00 - \$245.00

Associates: \$179.00 - \$226.00

Specialist: \$187.00 - \$226.00

Engineers:

- ◆ Level A \$117.00
- ◆ Level B \$127.00
- ◆ Level C \$139.00 - \$159.00
- ◆ Level D \$165.00 - \$176.00
- ◆ Level E \$183.00 - \$193.00
- ◆ Level F \$213.00 - \$223.00

Geologists/Hydrogeologists:

- ◆ Level A \$117.00
- ◆ Level B \$127.00
- ◆ Level C \$139.00 - \$159.00
- ◆ Level D \$165.00 - \$176.00
- ◆ Level E \$183.00 - \$193.00
- ◆ Level F \$213.00 - \$223.00

Environmental Chemists/Scientists/Planners:

- ◆ Level A \$112.00
- ◆ Level B \$122.00
- ◆ Level C \$133.00 - \$143.00
- ◆ Level D \$154.00 - \$164.00
- ◆ Level E \$181.00 - \$191.00
- ◆ Level F \$213.00 - \$223.00

Industrial Hygienists/Safety Professionals:

- ◆ Level A \$112.00
- ◆ Level B \$122.00
- ◆ Level C \$133.00 - \$148.00
- ◆ Level D \$159.00 - \$169.00
- ◆ Level E \$183.00 - \$193.00
- ◆ Level F \$213.00 - \$223.00

Information Technologists:

- ◆ Level A \$112.00
- ◆ Level B \$122.00
- ◆ Level C \$133.00 - \$143.00
- ◆ Level D \$154.00 - \$164.00
- ◆ Level E \$181.00 - \$191.00
- ◆ Level F \$213.00 - \$223.00

Database Analysts:

- ◆ Level A \$96.00
- ◆ Level B \$106.00
- ◆ Level C \$122.00 - \$142.00
- ◆ Level D \$157.00 - \$177.00
- ◆ Level E \$192.00 - \$202.00
- ◆ Level F \$205.00 - \$222.00

Technicians/Technologists:

- ◆ Level A \$83.00
- ◆ Level B \$101.00
- ◆ Level C \$116.00
- ◆ Level D \$128.00 - \$148.00
- ◆ Level E \$158.00 - \$168.00
- ◆ Level F \$196.00 - \$211.00

Draft/CADD:

- ◆ Level A \$78.00
- ◆ Level B \$88.00
- ◆ Level C \$99.00
- ◆ Level D \$111.00
- ◆ Level E \$121.00
- ◆ Level F \$131.00

Technical Apprentices: \$83.00 - \$93.00

Administrative Support: \$65.00



2017/2018 Fee Schedule

Notes:

- 1) Rates are for employees of GHD companies.
- 2) Mileage rates are consistent with current IRS/Canada Revenue Agency rates, which is the rate at which employees are reimbursed.
- 3) Company owned vehicle rate is \$80.00/Day plus \$0.28/mile (USA) or \$0.24/km (CDN).
- 4) Travel charges are identified under disbursements and are passed through directly as incurred, all travel via common carrier being at coach class rates.
- 5) Accommodation expenses are identified under disbursements and are passed through directly as incurred. Lodging costs and meal allowances for each full day depend on the area.
- 6) Photocopy charges are \$0.10 per page.
- 7) Color photocopy charges are \$0.25 per page.
- 8) Information Technology is billed at \$4.50 per hour per person.
- 9) Specialized Computer Application is billed at \$15.00 per hour.
- 10) Other Office and Field Supplies are charged at standardized rates and are available upon request.
- 11) Other project related out of office disbursements, expenses, and subcontractor costs will be invoiced with a markup of 10%.
- 12) Fee schedule is subject to change on July 1, 2018.



AGENDA SUMMARY REPORT

SUBJECT: Award Contract for Transportation Improvements for Redwood Business Park, Specification No. 17-09, to Ghilotti Construction Company in the Amount of \$4,608,888.

DEPARTMENT: Public Works

PREPARED BY: Jarod Thiele

ATTACHMENTS:

[Attachment 1 - RBP Bid Results Specification 17-09](#)

Summary: The City Council will consider awarding the contract for the Transportation Improvements for Redwood Business Park, Specification Number 17-09, to Ghilotti Construction Company in the amount of \$4,608,888.

Background: The City publicly advertised this project on July 9, 16, and 23, 2017, in the Ukiah Daily Journal. A copy of the Notice to Bidders was sent to all license class "A" contractors on the City's 2017 Qualified Contractors List, and plans and specifications were distributed to the builder's exchanges. In addition, the plans and specifications were posted on the City's website. In accordance with the I-Bank funding requirements, the City implemented a pre-qualification process for contractors. Four general engineering contractors completed and submitted pre-qualification questionnaires. Staff reviewed and scored the pre-qualification questionnaires. In addition, staff interviewed two references for each contractor. Based on the scoring and interviews, staff qualified all four contractors: Argonaut Constructors, Ghilotti Construction Company, Inc., Granite Construction

RECOMMENDED ACTION: Award contract for Transportation Improvements for Redwood Business Park, Specification No. 17-09, to Ghilotti Construction Company the lowest responsive, responsible bidder based on bids submitted on August 30, 2017.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: \$7,333,333 Account #10024220.80230 PC 13001

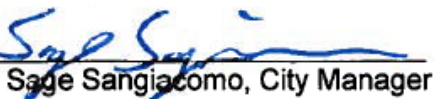
PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: I-Bank Funding

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: Tim Eriksen, Director of Public Works/City Engineer; Mary Horger, Procurement Manager; Rick Seanor, Deputy Public Works Director

Approved: _____


Sage Sangiacomo, City Manager

Company, and Team Ghilotti, Inc. to bid on the City's project. As a result of this pre-qualification process, the City can only accept bids from these four contractors.

Discussion: Four sealed proposals were received and opened by the City Clerk on August 30, 2017. The lowest responsive, responsible bidder is Ghilotti Construction Company of Santa Rosa, California with a bid of \$4,608,888. Please refer to Attachment "1" for the tabulation of bids.

Staff recommends awarding the contract for the Transportation Improvements for Redwood Business Park, Specification Number 17-09, to Ghilotti Construction Company in the amount of \$4,608,888.

As with construction projects, there may be cost overruns by reason of unforeseen work or because actual quantities installed exceed estimated quantities. Policy Resolution No. 13, authorizes the responsible Department Head, with approval of the City Manager, to issue change orders not to exceed ten percent (10%) of the original contract sum or \$5,000 whichever is greater provided that no change, when added to the original contract sum, exceeds the amount budgeted for the project.

Spec 17-09 Transportation Improvements for Redwood Business Park													
City of Ukiah													
Bid Opening: 08/30/17						Ghilotti Construction Company, Inc.		Argonaut Constructors		Granite Construction Company		Team Ghilotti, Inc.	
						246 Ghilotti Avenue Santa Rosa		360 Sutton Place Santa Rosa		1324 S State Street Ukiah		2531 Petaluma Blvd S Petaluma	
Base Bid													
Item #	Item Description	Quantity	Unit of Measure	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
1	TRANSPORTATION IMPROVEMENTS FOR REDWOOD BUSINESS PARK	1	LS	\$4,608,888.00	\$4,608,888.00	\$4,658,300.00	\$4,658,300.00	\$4,665,700.00	\$4,665,700.00	\$4,973,333.00	\$4,973,333.00		
Total Bid Amount					\$4,608,888.00		\$4,658,300.00		\$4,665,700.00		\$4,973,333.00		
Listed Subs				ABSL Construction		Centerline Striping		Apply-A-Line, Inc.		Centerline Striping			
				Centerline Striping		Delta Grinding Company		Cinquini & Passarino Inc.		Pacific Northwest Oil			
				Pacific Northwest Oil		Devincenzi Concrete		Mike Brown Electric Co.		Pisor Fence Division			
				Pisor Fence Division		Pacific Northwest Oil		Pacific Northwest Oil		St Francis Electric LLC			
				St Francis Electric LLC		Pisor Fence Division		Pisor Fence Division					
						St Francis Electric LLC		Statewide Traffic Safety & Signs					



AGENDA SUMMARY REPORT

SUBJECT: Discussion and Possible Action to Determine the City's Position on the 2017 Resolutions being Considered by the League of California Cities and Provide Corresponding Voting Instructions to the City of Ukiah's Voting Delegate.

DEPARTMENT: City Clerk

PREPARED BY: Kristine Lawler

ATTACHMENTS:

[Attachment 1 - League of CA Cities Annual Conference Resolutions Packet](#)

Summary: Council will discuss and provide direction to the City's voting delegate regarding the 2017 League of California Cities Conference Resolutions to be considered at the League's Annual Conference.

Background: At the City Council Meeting of June 7, 2017, the Council designated Councilmember Mulheren as the City's voting delegate, and City Manager Sangiacomo and Shannon Riley, Deputy City Manager as the alternates, to represent the City of Ukiah at the League's 2017 Annual Conference September 13 - 15 in Sacramento.

At the General Assembly meeting, the League membership considers and takes action on resolutions that establish League policy and positions. There are two resolutions up for consideration at the meeting:

1. A Resolution of the League of California Cities Calling Upon the Governor and Legislature to Enter into Discussion with League and Other Public Safety Stakeholders to Identify and Implement Strategies that will Reduce the Unintended Negative Impacts of Existing Criminal Law

RECOMMENDED ACTION: Provide direction to the City's Voting Delegate on the City's position on the 2017 Resolutions being considered by the League of California Cities at the 2017 Annual Conference.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: N/A

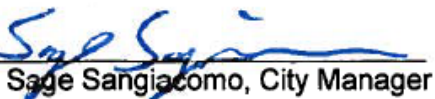
PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: Sage Sangiacomo, City Manager

Approved: _____


Sage Sangiacomo, City Manager

Summary: This resolution seeks to address increases in crime in the wake of AB 109 (2011), Proposition 47 (2014), which reclassified a host of felony offenses as misdemeanors, and Proposition 57 (2016), which revised the rules of parole for what are designated “non-violent” offenders under the California Penal Code, but in fact comprise a number of criminal acts that are violent in nature, or may be committed to facilitate a violent outcome (for example, discharging a firearm from a motor vehicle).

This resolution would direct League staff to seek legislation expanding the term “violent felony” as defined in the California Penal Code; to tighten the criteria for the release of non-violent, non-serious, non-sex offender inmates; to mandate consideration of an inmate’s entire criminal history as part of the deliberations involving whether to grant an individual parole; and to consider creation of a task force that would be charged with issuing a report recommending further changes in law, and supported by documentation collected by local agencies and other key stakeholders.

2. A Resolution of the League of California Cities Supporting Legislation Amending Government Code Section 38611 to Clarify the Definition of Local Control Providing Broad Statutory Authority for Local Officials to Determine Emergency Service Levels and Direct Emergency Medical Response within their Jurisdictions.

Summary: This resolution calls for the Governor and the Legislature to work with the League and other stakeholders to amend Government Code Section 38611 clarifying the definition of local control, providing broad statutory authority for local officials to determine emergency service levels and direct emergency medical response within their jurisdictions.

These resolutions being considered, along with background, supporting documents, and analysis are provided in Attachment #1, and can also be reviewed online at www.cacities.org/resolutions. The Public Safety Policy Committee will meet on Wednesday, September 13th, to consider and take action on the resolutions. Their recommendations are forwarded to the General Resolutions Committee, who will then make a recommendation to the General Assembly for the Business Meeting and vote on Friday, September 15th.

Discussion: Staff recommends that the Council provide direction to the voting delegate on the attached League of California Cities Resolutions. The City can choose to support, oppose or abstain.



1400 K Street, Suite 400 • Sacramento, California 95814
Phone: 916.658.8200 Fax: 916.658.8240
www.cacities.org

July 26, 2017

TO: Mayors, City Managers and City Clerks
League Board of Directors

RE: Annual Conference Resolutions Packet
Notice of League Annual Meeting

Enclosed please find the 2017 Annual Conference Resolutions Packet.

Annual Conference in Sacramento. This year's League Annual Conference will be held September 13 - 15 in Sacramento. The conference announcement has previously been sent to all cities and we hope that you and your colleagues will be able to join us. More information about the conference is available on the League's Web site at www.cacities.org/ac. We look forward to welcoming city officials to the conference.

Closing Luncheon/General Assembly - Friday, September 15, 12:30 p.m. The League's General Assembly Meeting will be held at the Sacramento Convention Center.

Resolutions Packet. At the Annual Conference, the League will consider two resolutions introduced by the deadline, Saturday, July 15, 2017, midnight. The resolutions are included in this packet. Resolutions submitted to the General Assembly must be concurred in by five cities or by city officials from at least five or more cities. These letters of concurrence are included with this packet. We request that you distribute this packet to your city council.

We encourage each city council to consider the resolutions and to determine a city position so that your voting delegate can represent your city's position on the resolution. A copy of the resolution packet is posted on the League's website for your convenience: www.cacities.org/resolutions.

The resolutions packet contains additional information related to consideration of the resolutions at the Annual Conference. This includes the date, time and location of the meetings at which the resolutions will be considered.

Voting Delegates. Each city council is encouraged to designate a voting delegate and two alternates to represent their city at the General Assembly Meeting. A letter asking city councils to designate their voting delegate and two alternates has already been sent to each city. If your city has not yet appointed a voting delegate, please contact Meg Desmond at (916) 658-8224 or email: mdesmond@cacities.org.

**Please Bring This Packet to the Annual Conference
September 13 - 15, Sacramento**



***Annual Conference
Resolutions Packet***

2017 Annual Conference Resolutions



***Sacramento, California
September 13 – 15, 2017***

INFORMATION AND PROCEDURES

RESOLUTIONS CONTAINED IN THIS PACKET: The League bylaws provide that resolutions shall be referred by the president to an appropriate policy committee for review and recommendation. Resolutions with committee recommendations shall then be considered by the General Resolutions Committee at the Annual Conference.

This year, two resolutions have been introduced for consideration by the Annual Conference and referred to the League policy committees.

POLICY COMMITTEES: One policy committee will meet at the Annual Conference to consider and take action on the resolutions referred to it. The committee is Public Safety. The committee will meet from 9:00 – 11:00 a.m. on Wednesday, September 13, at the Hyatt Regency. The sponsors of the resolutions have been notified of the time and location of the meeting.

GENERAL RESOLUTIONS COMMITTEE: This committee will meet at 1:00 p.m. on Thursday, September 14, at the Hyatt Regency in Sacramento, to consider the report of the policy committee regarding the resolutions. This committee includes one representative from each of the League's regional divisions, functional departments and standing policy committees, as well as other individuals appointed by the League president. Please check in at the registration desk for room location.

ANNUAL LUNCHEON/BUSINESS MEETING/GENERAL ASSEMBLY: This meeting will be held at 12:30 p.m. on Friday, September 15, at the Sacramento Convention Center.

PETITIONED RESOLUTIONS: For those issues that develop after the normal 60-day deadline, a resolution may be introduced at the Annual Conference with a petition signed by designated voting delegates of 10 percent of all member cities (48 valid signatures required) and presented to the Voting Delegates Desk at least 24 hours prior to the time set for convening the Annual Business Meeting of the General Assembly. This year, that deadline is 12:30 p.m., Thursday, September 14. Resolutions can be viewed on the League's Web site: www.cacities.org/resolutions.

Any questions concerning the resolutions procedures may be directed to Meg Desmond at the League office: mdesmond@cacities.org or (916) 658-8224

GUIDELINES FOR ANNUAL CONFERENCE RESOLUTIONS

Policy development is a vital and ongoing process within the League. The principal means for deciding policy on the important issues facing cities is through the League's seven standing policy committees and the board of directors. The process allows for timely consideration of issues in a changing environment and assures city officials the opportunity to both initiate and influence policy decisions.

Annual conference resolutions constitute an additional way to develop League policy. Resolutions should adhere to the following criteria.

Guidelines for Annual Conference Resolutions

1. Only issues that have a direct bearing on municipal affairs should be considered or adopted at the Annual Conference.
2. The issue is not of a purely local or regional concern.
3. The recommended policy should not simply restate existing League policy.
4. The resolution should be directed at achieving one of the following objectives:
 - (a) Focus public or media attention on an issue of major importance to cities.
 - (b) Establish a new direction for League policy by establishing general principles around which more detailed policies may be developed by policy committees and the board of directors.
 - (c) Consider important issues not adequately addressed by the policy committees and board of directors.
 - (d) Amend the League bylaws (requires 2/3 vote at General Assembly).

LOCATION OF MEETINGS

Policy Committee Meetings

Wednesday, September 13

Hyatt Regency Sacramento

1209 L Street, Sacramento

9:00 – 11:00 a.m.: Public Safety

General Resolutions Committee

Thursday, September 14, 1:00 p.m.

Hyatt Regency Sacramento

1209 L Street, Sacramento

Annual Business Meeting and General Assembly Luncheon

Friday, September 15, 12:30 p.m.

Sacramento Convention Center

1400 J Street, Sacramento

KEY TO ACTIONS TAKEN ON RESOLUTIONS

Resolutions have been grouped by policy committees to which they have been assigned.

Number	Key Word Index	Reviewing Body Action		
--------	----------------	-----------------------	--	--

		1	2	3
--	--	---	---	---

1 - Policy Committee Recommendation
to General Resolutions Committee

2 - General Resolutions Committee

3 - General Assembly

PUBLIC SAFETY POLICY COMMITTEE

		1	2	3
1	Implement Strategies to Reduce Negative Impacts of Recent Changes to Criminal Laws			
2	Local Control for Emergency Medical Response			

Information pertaining to the Annual Conference Resolutions will also be posted on each committee's page on the League website: www.cacities.org. The entire Resolutions Packet will be posted at: www.cacities.org/resolutions.

KEY TO ACTIONS TAKEN ON RESOLUTIONS *(Continued)*

Resolutions have been grouped by policy committees to which they have been assigned.

KEY TO REVIEWING BODIES

1. Policy Committee
2. General Resolutions Committee
3. General Assembly

KEY TO ACTIONS TAKEN

- | | |
|---|---|
| A | Approve |
| D | Disapprove |
| N | No Action |
| R | Refer to appropriate policy committee for study |

ACTION FOOTNOTES

* Subject matter covered in another resolution

a Amend+

** Existing League policy

Aa Approve as amended+

*** Local authority presently exists

Aaa Approve with additional amendment(s)+

Ra Refer as amended to appropriate policy committee for study+

Raa Additional amendments and refer+

Da Amend (for clarity or brevity) and Disapprove+

Na Amend (for clarity or brevity) and take No Action+

W Withdrawn by Sponsor

Procedural Note:

The League of California Cities resolution process at the Annual Conference is guided by the League Bylaws. A helpful explanation of this process can be found on the League's website by clicking on this link: [Resolution Process](#).

2017 ANNUAL CONFERENCE RESOLUTIONS

RESOLUTION REFERRED TO PUBLIC SAFETY POLICY COMMITTEE

- 1. A RESOLUTION OF THE LEAGUE OF CALIFORNIA CITIES CALLING UPON THE GOVERNOR AND LEGISLATURE TO ENTER INTO DISCUSSION WITH LEAGUE AND OTHER PUBLIC SAFETY STAKEHOLDERS TO IDENTIFY AND IMPLEMENT STRATEGIES THAT WILL REDUCE THE UNINTENDED NEGATIVE IMPACTS OF EXISTING CRIMINAL LAW**

Source: City of Whittier

Concurrence of five or more cities/city officials: Cities: La Mirada; Lakewood; Monrovia; Pico Rivera; Rolling Hills; Santa Fe Springs; and South Gate

Referred to: Public Safety Policy Committee

Recommendation to General Resolutions Committee:

WHEREAS, during the past several years, State legislative changes have made fundamental alterations to the fabric of California's criminal justice system. Many of those changes have been needed and necessary, as not all crimes should be punished with jail sentences; and

WHEREAS, California cities, counties, and the State, however, are facing increased crime which endangers the health and safety of police officers, residents, business owners, and property due to some of these legislative changes which created a situation where violent and career criminals are serving little to no prison time; and

WHEREAS, negative impacts from State legislative changes have been far reaching and crime rates and the number of victims are skyrocketing throughout California. The negative impacts of these laws were unintended when voters and legislators approved the laws, which were instead intended to help lower the prison population in California prisons and appropriately rehabilitate non-violent offenders; and

WHEREAS, incentives for offenders to voluntarily enroll in substance abuse programs have diminished, which has had the effect of eroding the safety of our communities; and

WHEREAS, AB 109 transferred nearly 45,000 felons from the State prison system to local jail facilities, which were not designed to house criminals on a long-term basis and were unprepared for such an increase in incarcerations, resulting in lower-level criminals being released early, directly impacting rising property crime rates throughout the State; and

WHEREAS, many probationers who have severe mental illness are released into communities where they continue to commit crimes that adversely impact the safety of community members and drain the resources of probation departments and police departments throughout the state; and

WHEREAS, Proposition 47, The Safe Neighborhoods and Schools Act, downgraded a number of serious crimes from felonies to misdemeanors—drug possession, repeated shoplifting, forging checks, gun theft, and possession of date-rape drugs; and

WHEREAS, Proposition 57 categorizes rape by intoxication, rape of an unconscious person, human trafficking involving sex with minors, drive-by shooting, assault with a deadly weapon, domestic violence, hate crime causing physical injury, and corporal injury to a child as “non-violent” felonies and offenders convicted of violating such laws are able to avoid appropriate prison sentences; and

WHEREAS, under Proposition 57, criminals who commit multiple crimes against multiple victims will be eligible for release at the same time as offenders who only committed a single crime against a single victim and allows repeat criminals to be eligible for release after the same period of incarceration as first time offenders; and

WHEREAS, cities must join together to voice their concerns for these legislative changes that have created an adverse impact on the safety of residents and businesses in local communities.

NOW, THEREFORE, BE IT RESOLVED by the General Assembly of the League of California Cities, assembled in Sacramento on September 15, 2017, to:

1. Direct League staff to consider creating a task force with other organizations and jointly commission a report on the unintended negative impacts of recent and future criminal law based on appropriate documentation by local agencies to identify necessary changes, working with key stakeholders to promote support for resulting advocacy efforts.
2. Promote an amendment of appropriate sections of AB 109 to change the criteria justifying the release of non-violent, non-serious, non-sex offender inmates to include their total criminal and mental health history instead of only their last criminal conviction.
3. Continue to advocate to place into law that for the purposes of Section 32 of Article I of the California Constitution, a violent offense includes any of the following:
 - Murder or voluntary manslaughter.
 - Mayhem.
 - Rape.
 - Sodomy by force, violence, duress, menace, or threat of great bodily harm.
 - Oral copulation by force, violence, duress, menace, or threat of great bodily harm.
 - Lewd acts on a child under the age of 14 years.
 - Any felony punishable by death or imprisonment in the state prison for life.
 - Any other felony in which the defendant inflicts great or serious bodily injury on any person, other than an accomplice, that has been charged and proven, or any felony in which the defendant uses a firearm which use has been charged and proven.
 - Attempted murder.
 - Assault with intent to commit rape or robbery.

- Assault with a deadly weapon or instrument on a peace officer.
 - Assault by a life prisoner on a non-inmate.
 - Assault with a deadly weapon by an inmate.
 - Arson.
 - Exploding a destructive device or any explosive with intent to injure.
 - Exploding a destructive device or any explosive causing great bodily injury.
 - Exploding a destructive device or any explosive with intent to murder.
 - Robbery.
 - Kidnapping.
 - Taking of a hostage by an inmate of a state prison.
 - Attempt to commit a felony punishable by death or imprisonment in the state prison for life.
 - Any felony in which the defendant personally used a dangerous or deadly weapon.
 - Escape from a state prison by use of force or violence.
 - Assault with a deadly weapon.
 - Extortion as defined in Penal Code section 518, or threats to victims or witnesses as defined in Penal Code section 136.1, which would constitute a felony violation of Penal Code section 186.22.
 - Carjacking.
 - Discharge of a firearm at an inhabited dwelling, vehicle, or aircraft.
 - Throwing acid or flammable substances with intent to injure.
 - Continuous sexual abuse of a child.
4. Request the State to improve the Smart Justice platform to provide an effective statewide data sharing to allow state and local law enforcement agencies to rapidly and efficiently share offender information to assist in tracking and monitoring the activities of AB 109 and other offenders.
 5. Encourage the collection and organization of real world data from cities and counties on the universe of post-release community supervision (PRCS) offenders.
 6. Encourage cities throughout California to join in these advocacy efforts to mitigate the unintended negative impacts of recent policy changes to the criminal justice system.
 7. Call for the Governor and the Legislature to work with the League and others stakeholders to consider and implement such criminal justice system reforms.

////////

Background Information on Resolution No. 1

Source: City of Whittier

Background:

During the past several years, State legislative changes have made fundamental alterations to the fabric of California's criminal justice system. Some changes have been needed, as not all crimes should be punished with jail sentences. These changes included AB 109 as well as Propositions 47 and 57.

Approved in 2011, AB 109 was approved, transferring nearly 45,000 felons from the State prison system to local jail systems, resulting in lower-level criminals being released early. Then, Proposition 47, so called The Safe Neighborhoods and Schools Act, was approved by California voters in 2014. It reclassified and downgraded a number of serious crimes from felonies to misdemeanors. Similarly, Proposition 57, called The Public Safety and Rehabilitation Act, was approved by voters in 2016 and allows the State to provide for the release of up to 30,000 criminals convicted of "non-violent" felonies, including rape by intoxication, driveby shooting, human trafficking involving sex act with minors, assault with a deadly weapon, to name a few. Additionally, under Prop 57 repeat criminals are eligible for release after the same period of incarceration as first time offenders.

Now, California cities and counties are facing increasing crime rates which are being connected to these legislative actions which created a situation where violent and career criminals are serving little to no prison time while low-level offenders commit multiple crimes with limited consequences. This increasing level of crime endangers the health and safety of our residents, police officers, and property. Negative impacts from these State legislative changes have been far reaching, and crime rates and the number of victims are increasing throughout California. The negative impacts of these laws were unintended when voters and legislators approved the laws, which were instead intended to help lower the prison population in California prisons and appropriately rehabilitate non-violent offenders.

As an example, the Public Policy Institute of California reports since 2015:

- California has experienced an uptick in overall crime
- Property crime is up 145%, violent crime up 54%
- One in four Californians view violence and street crime in their community as a substantial problem
- Arrests dropped 31% for property crimes and 68% for drug offenses (due to Prop. 47)
- The report concludes auto theft increase is a direct result of AB109

To make matters even worse, during the past two years we've seen officers shot, wounded and killed in communities throughout California including Whittier, Downey, Lancaster, Palm Springs, San Diego, Stanislaus County, and Modoc County. Further, the number of U.S. police officers killed in the line of duty hit a five-year high in 2016. The National Law Enforcement Officers Memorial Fund's preliminary report shows that this year's 135 fatalities were a 10% increase over the 123 officers who died in the line of duty last year.

When taken together the increases in crime in our communities and reductions in arrests for many crimes plus violent attacks against police officers underscores the need for a call to action amongst California's state and local leaders. This conference resolution is an important first step and seeks to initiate both a dialogue as well as actions to begin reforming California's criminal justice system by requesting that League staff analyze the negative impacts of recent criminal law, identify necessary changes, and work with stakeholders to promote support for such advocacy efforts. The resolution also calls on the Governor, Legislature, cities, and other stakeholders to work together toward reforms.

The resolution contains three specific reforms:

1. Address Issues with AB 109

The conference resolution promotes the amendment of appropriate sections of AB 109 to change the criteria justifying the release of non-violent, non-serious, non-sex offender inmates to include their total criminal and mental health history instead of only their last criminal conviction.

2. Revise the Definition of Violent Crime

The resolution calls for the League to advocate to place into law for the purposes of Section 32 of Article I of the California Constitution, a violent offense includes any of the following crimes:

- Murder or voluntary manslaughter
- Mayhem
- Rape
- Sodomy by force, violence, duress, menace, or threat of great bodily harm
- Oral copulation by force, violence, duress, menace, or threat of great bodily harm
- Lewd acts on a child under the age of 14 years
- Any felony punishable by death or imprisonment in the state prison for life
- Any other felony in which the defendant inflicts great or serious bodily injury on any person, other than an accomplice, that has been charged and proven, or any felony in which the defendant uses a firearm which use has been charged and proven
- Attempted murder
- Assault with intent to commit rape or robbery
- Assault with a deadly weapon or instrument on a peace officer
- Assault by a life prisoner on a non-inmate
- Assault with a deadly weapon by an inmate
- Arson
- Exploding a destructive device or any explosive with intent to injure
- Exploding a destructive device or any explosive causing great bodily injury
- Exploding a destructive device or any explosive with intent to murder
- Robbery
- Kidnapping
- Taking of a hostage by an inmate of a state prison

- Attempt to commit a felony punishable by death or imprisonment in the state prison for life
- Any felony in which the defendant personally used a dangerous or deadly weapon
- Escape from a state prison by use of force or violence
- Assault with a deadly weapon
- Extortion as defined in Penal Code section 518, or threats to victims or witnesses as defined in Penal Code section 136.1, which would constitute a felony violation of Penal Code section 186.22
- Carjacking
- Discharge of a firearm at an inhabited dwelling, vehicle, or aircraft.
- Throwing acid or flammable substances with intent to injure.
- Continuous sexual abuse of a child.

3. Data Sharing

The resolution requests the State to improve the Smart Justice platform to provide an effective statewide data sharing to allow state and local law enforcement agencies to rapidly and efficiently share offender information to assist in tracking and monitoring the activities of AB 109 and other offenders.

////////

League of California Cities Staff Analysis on Resolution No. 1

Staff: Tim Cromartie
Committee: Public Safety

Summary:

This Resolution seeks to address increases in crime in the wake of AB 109 (2011), Proposition 47 (2014), which reclassified a host of felony offenses as misdemeanors, and Proposition 57 (2016), which revised the rules of parole for what are designated “non-violent” offenders under the California Penal Code, but in fact comprise a number of criminal acts that are violent in nature, or may be committed to facilitate a violent outcome (for example, discharging a firearm from a motor vehicle).

This Resolution would direct staff to seek legislation expanding the term “violent felony” as defined in the California Penal Code; to tighten the criteria for the release of non-violent, non-serious, non-sex offender inmates; to mandate consideration of an inmate’s entire criminal history as part of the deliberations involving whether to grant individual parole; and to consider creation of a task force that would be charged with issuing a report recommending further changes in law, and supported by documentation collected by local agencies and other key stakeholders.

Background:

Since 2011, changes in state law, starting with AB 109, altered the fabric of California's criminal justice system. In 2011, AB 109 began to shift nearly 45,000 felons from the state prison system to local county jails. Prior to AB 109, many of California's more heavily populated counties already had jail systems that were operating under court-ordered or self-imposed population caps. As a result, AB 109 implementation triggered changes in that county jails experienced over time an influx of a rougher class of offender, and many lower level petty criminals committing new offenses were simply booked and released, serving no jail time at all.

Proposition 47 followed in 2014, reclassifying a host of felony offenses as misdemeanors and increasing the threshold amount for a felony charge of grand theft from \$450.00 to \$900.00. The effect of this change was to significantly stimulate the volume of petty theft, shoplifting, auto theft, and organized retail theft (shoplifting involving multiple persons with cell phones, designated getaway drivers, and a pre-determined escape route often involving a short trip to a major highway). Proposition 57, approved by voters in 2016, facilitates the potential early release of a large number of "non-violent" offenders by providing that inmates are eligible for parole once they have served 100% of their base sentence, without regard to any time served as a result of any sentencing enhancements. The universe of "non-violent" offenders could include individuals who have committed the following offenses: rape by intoxication, attempted drive-by shooting, assault with a deadly weapon, throwing acid with the intent to disfigure, to name but a few offenses. Since current law defines a "non-violent offender" based on the individual's most recent commitment offense, even if the individual is a repeat offender, the State Parole Board must still consider that person's parole application.

This state of affairs includes factors such as a higher proportion of offenders at large on our city streets, many of whom have had little in the way of rehabilitation programming while incarcerated, some with drug habits, who are more violent now than when initially incarcerated. Unless they engage in major illegal activity (murder, rape, arson, armed robbery), the available sanctions for any violations they commit, such as flash incarceration, i.e. temporary incarceration for 48-72 hours in a city or county jail, scarcely provide a meaningful deterrent to further criminal activity.

Communities in California are now facing increasing crime rates which can be linked to these recent legislative changes, which probation officers and local law enforcement are struggling to monitor and contain a situation in which a dramatically increase universe of offenders are at large in our communities.

The Public Policy Institute of California reports that since 2015:

- California has experienced an increase in overall crime
- Property crime is up 145%
- Violent crime is up 54%
- One in four Californians view violence and street crime in their community as a substantial problem
- Arrests dropped 31% for property crimes and 68% for drug offenses (due to Prop. 47)
- The report concludes auto theft increase is a direct result of AB 109

Support:

Cities of La Mirada, Lakewood, Monrovia, Pico Rivera, Rolling Hills, Santa Fe Springs, and South Gate

Opposition:

None received.

Fiscal Impact:

The collective and cumulative effect of the current criminal justice policies has led to increased pressure on county general funds for increased resources for probation supervision and incarceration in county jails, as well as identical pressure on municipal general funds related to increased law enforcement activity and in some areas, increased emergency medical services calls. Should the objectives outlined by the resolution be achieved, those pressures will be alleviated to a significant but undetermined amount.

Comment:

This measure is a response to a trend of rapidly mounting frustration among cities beset by calls for more law enforcement resources as a result of ongoing, sustained criminal activity. There is a growing sense among law enforcement professionals and local elected officials that current policies which have reduced criminal penalties, reclassified felonies as misdemeanors and facilitated what amounts to early release of many offenders who are not truly non-violent, will in time result in a high-profile tragedy involving significant loss of life.

Existing League Policy:

In regard to incarceration policy, the League supports stiffer penalties for violent offenders. In 2014, the League joined the California Police Chiefs in opposing Proposition 47, which reduces sentencing penalties for specified non-serious and non-violent drug and property crimes. It directed that the following offenses would be treated as misdemeanors, in most instances irrespective of the circumstances:

- Commercial Burglary
- Forgery
- Passing Bad Checks
- Grand Theft
- Receipt of Stolen Property
- Petty Theft with a Prior Offense
- Drug Possession

In 2013, the League Board of Directors approved a resolution pertaining to AB 109 (2011), which implemented Public Safety Realignment and brought significant changes to the state's incarceration policy. Specifically, it provided that specified categories of felony offenders previously sentenced to state prison, would prospectively be sentenced to terms in county jails.

The League's Resolution had two significant components relevant to this resolution:

- 1) It urged the Governor's office to adjust the implementation of Public Safety Realignment so that the criteria examined to evaluate the appropriateness of release of non-violent, non-serious, non-sex offender inmates would include their total criminal and mental

history, instead of merely the most recent criminal conviction for which they are currently committed; and

- 2) It urged the Governor's office to expedite the development of an effective statewide data sharing mechanism allowing state and local law enforcement agencies too rapidly and efficiently share offender information to assist in tracking and monitoring the activities of AB 109 and other offenders.

Finally, the League in 2016 opposed Proposition 57, which altered rules for parole eligibility for non-violent felons, potentially facilitating parole before an individual has served any time toward a sentencing enhancement, and ushered in new rules for good time behavior seeking to incentivize inmates to undergo rehabilitation programming of an educational/vocational nature.

RESOLUTION REFERRED TO PUBLIC SAFETY POLICY COMMITTEE

2. A RESOLUTION OF THE LEAGUE OF CALIFORNIA CITIES SUPPORTING LEGISLATION AMENDING GOVERNMENT CODE SECTION 38611 TO CLARIFY THE DEFINITION OF LOCAL CONTROL PROVIDING BROAD STATUTORY AUTHORITY FOR LOCAL OFFICIALS TO DETERMINE EMERGENCY SERVICE LEVELS AND DIRECT EMERGENCY MEDICAL RESPONSE WITHIN THEIR JURISDICTIONS

Source: City of Tracy

Concurrence of five or more cities/city officials: Cities: Lathrop, Lodi, Manteca, Stockton, and Consumnes Fire Department (Cities of Elk Grove and Galt)

Referred to: Public Safety Policy Committee

Recommendation to General Resolutions Committee:

WHEREAS, Government Code Section 38611 was last amended in 1957 and does not contain language clarifying the broad scope of emergency services as provided by present day fire departments; and

WHEREAS, Government Code Section 38611 requires further definition for general law and charter cities in determining service levels for the delivery of emergency services commensurate with the resources provided by the local government body; and

WHEREAS, pursuant to Section 7 of Article XI of the California Constitution, municipal governments are vested with police power which imposes on the responsibility to protect public safety and public health and municipal governments must provide or contract for fire and/or emergency medical services; and

WHEREAS, the local provision of fire protection services, rescue services, emergency medical services, hazardous material emergency response services, ambulance services, and other services relating to the protection of lives and property is critical to the public peace, health, and safety of the state; and

WHEREAS, local fire and/or emergency medical services are financed by local taxpayers and the availability and use of such services is determined by the local governing body of the jurisdiction to which services are directly provided; and

WHEREAS, amending Government Code Section 38611 would provide the chief of a fire department specific authority to protect public safety and public health within the jurisdictional boundaries of the fire department.

RESOLVED, that the League of California Cities General Assembly, assembled at the League Annual Conference on September 15, 2017 in Sacramento, calls for the Governor and the Legislature to work with the League and other stakeholders to amend Government Code Section 38611 clarifying the definition of local control, providing broad statutory authority for local officials to determine emergency service levels and direct emergency medical response within their jurisdictions.

////////

Background Information on Resolution No. 2

Source: City of Tracy

Background:

In 1980, the State Legislature enacted the Emergency Medical Services (EMS) Act in response to the development of paramedic services and a concern that there was a lack of medical oversight and coordination of emergency medical services. The EMS Act contains 100 different provisions in nine separate chapters of the California Health and Safety Code. The EMS Act created a two-tiered system that established a State EMS Agency to coordinate state-wide EMS activities and to develop state-wide minimum EMS policies and a local tier (Local EMS Agency) to plan, implement and evaluate an EMS System. The statute also includes language that establishes *"The medical direction and management of an emergency medical services system shall be under the medical control of the medical director of the local EMS Agency."* In each county, the local EMS Agency sets local EMS policy, administers and provides medical oversight for cities and special fire districts to deliver EMS services within the county.

In the late 1970's, as the EMS Act was being developed, the League of California Cities weighed heavily concerning the impact of the proposed EMS Act on cities. The League of California Cities argued against depriving a city of local control over EMS service levels. The League of California Cities wrote, *"We believe (local control) is important because city taxpayers financially support (EMS) programs and city management is responsible for their efficient utilization. The city council is responsible for the level of service and the cost of the program, wholly unrelated to the medical questions."* Based on that argument, additional language was included in the EMS policy that allowed local agencies that were providing EMS service to continue (and even obligated) them to continue to provide EMS services at the same levels as prior to 1980. This addition to the EMS Act (Section 1797.201 – became known as "201

Rights”) has been very controversial and has led to several lawsuits between cities/special districts and local EMS Agencies.

The City of Tracy in San Joaquin County has become the epicenter on the issue of local control as it relates to who has the authority to determine which resources will respond to medical emergencies. Several incidents have been noted where poor patient outcomes were the result of a failed county policy (SJCEMS Agency Policy 3202) that restricts local fire departments from responding to “low-level” emergencies. The EMS policy decisions within San Joaquin County have potential implications on every local community within the state of California and increasingly threaten local control.

Proposed Amendment

The proposed amendment to Government Code Section 38611 would clarify local control and allow the local governing bodies to determine which services are directly provided within their respective jurisdictions. The existing law is extremely limited in scope having been last amended in 1957, at a time when fire departments did not routinely provide many of the specialized services of today. Changes in services provided include but are not limited to hazardous materials response, specialized rescue, and emergency medical services. The amendment aims to support the long-standing tradition in California of local control over the types, levels, and availability of these services.

////////

League of California Cities Staff Analysis on Resolution No. 2

Staff: Tim Cromartie
Committee: Public Safety

Summary:

This resolution calls for the Governor and the Legislature to work with the League and other stakeholders to amend Government Code Section 38611 clarifying the definition of local control, providing broad statutory authority for local officials to determine emergency service levels and direct emergency medical response within their jurisdictions.

Background:

In 1980, the State Legislature enacted the Emergency Medical Services (EMS) Act in response to the development of paramedic services and a concern that there was a lack of medical oversight and coordination of emergency medical services. The EMS Act contains 100 different provisions in nine separate chapters of the California Health and Safety Code. The EMS Act created a two-tiered system that established a State EMS Agency to coordinate state-wide EMS activities and to develop state-wide minimum EMS policies and a local tier (Local EMS Agency) to plan, implement and evaluate an EMS System.

The statute also includes language that establishes “*The medical direction and management of an emergency medical services system shall be under the medical control of the medical director*”

of the local EMS Agency.” In each county, the local EMS Agency sets local EMS policy, administers and provides medical oversight for cities and special fire districts to deliver EMS services within the county.

In the late 1970’s, as the EMS Act was being developed, the League of California Cities weighed heavily concerning the impact of the proposed EMS Act on cities. The League argued against depriving a city of local control over EMS service levels. The League wrote, *“We believe (local control) is important because city taxpayers financially support (EMS) programs and city management is responsible for their efficient utilization. The city council is responsible for the level of service and the cost of the program, wholly unrelated to the medical questions.”* Based on that argument, additional language was included in the EMS policy that allowed local agencies that were providing EMS service to continue (and even obligated) them to continue to provide EMS services at the same levels as prior to 1980. This addition to the EMS Act (Section 1797.201 – became known as “201 Rights”) has been very controversial and has led to several lawsuits between cities/special districts and local EMS Agencies.

The City of Tracy in San Joaquin County has become one of the epicenters on the issue of local control as it relates to who has the authority to determine which resources will respond to medical emergencies. Several incidents have been noted where poor patient outcomes have been attributed by some observers to a county policy (SJCEMS Agency Policy 3202) that restricts local fire departments from responding to “low-level” emergencies. The EMS policy decisions within San Joaquin County have potential implications on every local community within the state of California and increasingly threaten local control.

Support:

Cities of Lathrop, Lodi, Manteca, City of Stockton, and Consumnes Fire Department (Cities of Elk Grove and Galt)

Opposition:

None received.

Fiscal Impact:

This resolution, if its directive can be achieved, will have no direct fiscal impact on cities. It will however, provide an atmosphere in which cities that have invested significant resources in building up and maintaining an independent EMS capability can have confidence that it will be deployed as intended.

Comment:

While this resolution calls for very specific action to clarify the rules governing emergency medical services, ideally it would be more generally worded to allow greater flexibility in pursuing legislative and other solutions to a problem that has existed for decades, spawning both legislation and multiple incidents of litigation.

However, it accurately expresses the legitimate frustration of cities in their efforts to provide emergency medical services (EMS) while abiding by the directives of their local emergency medical services authorities (LEMSA’s), which are county entities. Counties have broad

discretion under existing case law in how they administer EMS under the doctrine of medical control. To the degree there is dissatisfaction on the part of cities within a given county or counties, the following should be noted:

- 1) A task force convened by the California Emergency Medical Services Authority, the state entity with jurisdiction over this subject matter, made significant headway in crafting regulations governing the provision of ground emergency medical transport -- until disputes over local control and the criteria under which a local (municipal) agency could lay claim to the exclusive right to provide EMS in a specific operating area led to a lawsuit being filed by the California Fire Chiefs Association. That suit effectively suspended the work of the Task Force.
- 2) Over the past two decades, multiple attempts at legislation to resolve this issue have been tried, most without success. It was in part the multiple attempts at legislation that triggered the formation of the above-referenced task force.

Existing League Policy:

The League supports the fire service mission of saving lives and protecting property through fire prevention, disaster preparedness, hazardous-materials mitigation, specialized rescue, etc. as well as cities' authority and discretion to provide all emergency services to their communities.

The League supports and strives to ensure local control of emergency medical services by authorizing cities and fire districts to prescribe and monitor the manner and scope of pre-hospital emergency medical services, including transport through ambulance services, all provided within local boundaries for the purpose of improving the level of pre-hospital emergency medical service.

The League supports legislation to provide the framework for a solution to longstanding conflict between cities, counties, the fire service and LEMSA's particularly by local advisory committees to review and approve the EMS plan and to serve as an appeals body. Conflicts over EMS governance may be resolved if stakeholders are able to participate in EMS system design and evaluation and if complainants are given a fair and open hearing.

The League opposes legislation, regulations and standards that impose minimum staffing and response time standards for city fire and EMS services since such determinations should reflect the conditions and priorities of individual cities.

The League supports Emergency 911 systems to ensure cities and counties are represented on decisions affecting emergency response.

LETTERS OF CONCURRENCE

Resolution No. 1

**Implement Strategies to Reduce Negative Impacts of
Recent Changes to Criminal Laws**



CITY OF LA MIRADA

DEDICATED TO SERVICE

13700 La Mirada Boulevard
La Mirada, California 90638

P.O. Box 828
La Mirada, California 90637-0828
Phone: (562) 943-0131 Fax: (562) 943-1464
www.cityoflamirada.org

July 11, 2017

LETTER OF SUPPORT

General Resolutions Committee
League of California Cities
1400 K Street, Suite 400
Sacramento, CA 95814

SUBJECT: 2017 CONFERENCE RESOLUTION STRATEGIES TO IMPROVE NEGATIVE IMPACTS OF CRIMINAL LAW

Dear Committee:

The City of La Mirada supports the League of California Cities Annual Conference Resolution proposed by the City of Whittier calling on the Governor and Legislature to enter into discussion with the League and other public safety stakeholders to identify and implement strategies that will improve the unintended negative impacts of existing criminal law.

The City of La Mirada has seen increases in property crime that may have resulted from a combination of legislative actions and voter-approved initiatives. Specifically, since 2014 the City of La Mirada has seen property crime increase by 41 percent. The proposed resolution seeks to correct these negative impacts from existing criminal law and considers proactive measures that could reduce such impacts.

The resolution directs League staff to consider creating a task force with other organizations and jointly commission a report on the unintended negative impacts of recent criminal law to identify necessary changes.

The resolution also promotes an amendment of appropriate sections of AB 109 to change the criteria justifying the release of non-violent, non-serious, non-sex offender inmates to include one's total criminal and mental health history instead of only the most recent criminal conviction. It encourages continued advocacy to make "violent offenses" include crimes that meet the plain language definition of "violent".

The resolution further asks the State to improve the Smart Justice platform to allow state and local law enforcement agencies to rapidly share information to track offenders, and encourages data collection on post-release community supervision offenders.

The passage of this resolution would provide a range of important reforms to enhance public safety in our community. For these reasons, the City of La Mirada strongly supports this resolution to strategically address criminal justice reforms.

Sincerely,

CITY OF LA MIRADA

Ed Eng
Mayor

EE:JB:ydr

Steve Croft
Vice Mayor

Ron Piazza
Council Member



Diane DuBois
Mayor

25
Jeff Wood
Council Member

Todd Rogers
Council Member

July 10, 2017

General Resolutions Committee
League of California Cities
1400 K Street, Suite 400
Sacramento, CA 95814

**RE: 2017 Conference Resolution – Notice of Support
Strategies to Improve Negative Impacts of Criminal Law**

Dear Committee:

The City of Lakewood supports the League of California Cities Annual Conference Resolution calling on the Governor and Legislature to enter into discussion with the League and other public safety stakeholders to identify and implement strategies that will improve the unintended negative impacts of existing criminal law.

Like other cities, Lakewood has seen increases in property crime that may have resulted from a combination of legislative actions and voter-approved initiatives. The proposed annual conference resolution seeks to turn around these negative impacts from existing criminal law and considers proactive measures that could reduce such impacts. These include:

- Request League staff to consider creating a task force with other organizations and jointly commission a report on the unintended negative impacts of recent criminal law to identify necessary changes and work with key stakeholders to promote support for resulting advocacy efforts.
- Promote an amendment of appropriate sections of AB 109 to change the criteria justifying the release of non-violent, non-serious, non-sex offender inmates to include their total criminal and mental health history instead of only their last criminal conviction. It encourages continued advocacy to make "violent offenses" include crimes that meet the plain language definition of "violent."
- Request that the State improve the "Smart Justice" platform to allow state and local law enforcement agencies to rapidly share information to track offenders and encourage data collection on post-release community supervision offenders.

The passage of this resolution would provide a range of important reforms that would enhance public safety in our community. For these reasons, the City of Lakewood strongly supports this resolution to strategically address criminal justice reforms.

Sincerely,

Diane DuBois
Mayor

Lakewood



July 11, 2017

President JoAnne Mounce
The League of California Cities
1400 K Street, Suite 400
Sacramento, CA 95814

RE: Letter of Support for the Resolution Brought Forward by the City of Whittier Regarding the Unintended Negative Consequences of Recent Legislative Changes to California's Criminal Justice System

Dear Ms. Mounce:

The City of Monrovia strongly supports the Resolution brought forth by the City of Whittier, which asks the League of California Cities (League) to initiate and facilitate further discussion between the Governor, the State Legislature, and other key public safety stakeholders regarding the legislative changes that have been made to California's criminal justice system during the past few years.

Taken together, Assembly Bill 109, Proposition 47, and Proposition 57 have reshaped how we approach public safety issues in our State. And certainly, the identified measures have resulted in measurable and positive impacts to California's criminal justice system, such as a decrease in the State prison system population. However, the cumulative effect of these legislative actions have had several significant unintended consequences, which have resulted in California cities now needing to address increasingly complex public safety challenges.

For example, in the City of Monrovia, violent and property crimes increased by 19% when comparing 2016 crime levels against 2015 rates. On-the-street information being provided by our Police Officers seems to correlate that the increasing levels of crime are connected with the legislative changes that have been enacted in California during the past several years. Additionally, the public safety issues we are experiencing in Monrovia are not occurring in a vacuum, as other neighboring jurisdictions are reporting similar concerns that impact our region as a whole.

Given these factors, we believe that California's overall criminal justice system needs to be carefully reexamined for potential methods to mitigate these emerging public safety issues. The City of Whittier's Resolution represents a positive first step, which includes the formation of a task force to examine possible criminal justice system modifications in greater detail. We believe that such a step would be a move in the right direction for California.

For these reasons, the City of Monrovia strongly supports the Resolution brought forth by the City of Whittier. Of course, please feel free to contact me if I can provide any additional information. I can be reached at (626) 932-5501, or via email at ochi@ci.monrovia.ca.us.

Best regards,

Oliver Chi
City Manager



René Bobadilla, P.E.
City Manager

City of Pico Rivera

OFFICE OF THE CITY MANAGER

6615 Passons Boulevard • Pico Rivera, California 90660

(562) 801-4379

Web: www.pico-rivera.org • e-mail: rbobadilla@pico-rivera.org

City Council

Bob J. Archuleta
Mayor

Gustavo V. Camacho
Mayor Pro Tem

David W. Armenta
Councilmember

Gregory Salcido
Councilmember

Brent A. Tercero
Councilmember

July 12, 2017

General Resolutions Committee
League of California Cities
1400 K Street, Suite 400
Sacramento, CA 95814

**RE: 2017 Conference Resolution
Strategies to Improve Negative Impacts of Criminal Law
Notice of Support**

Dear Committee:

The City of Pico Rivera supports the League of California Cities Annual Conference Resolution calling on the Governor and Legislature to enter into discussion with the League and other public safety stakeholders to identify and implement strategies that will improve the unintended negative impacts of existing criminal law.

The City of Pico Rivera has seen increases in property crime that may have resulted from a combination of legislative actions and voter-approved initiatives. Following are some specific impacts provided by the Pico Rivera Sheriff's Department:

Part I crimes

Robbery is up 10.26% in 2017 compared to 2016

Larceny Theft is up 4.09% in 2017 compared to 2016

Part II crimes

Weapon Law is up 9.68% in 2017 compared to 2016

Felony Transport & or Sales of controlled substance (except Marijuana) is up 44.44% compared to 2016

Misdemeanor Possession of a Controlled Substance (excluding Marijuana) is up 56.06% compared to 2016

Under the influence of Narcotic is up 28.57% in 2017 compared to 2016

The proposed annual conference resolution seeks to turn around these negative impacts from existing criminal law and considers proactive measures that could reduce such impacts.

General Resolutions Committee

2017 Conference Resolution – Strategies to Improve Negative Impacts of Criminal Law

Notice of Support

July 12, 2017

Page 2

The resolution directs League staff to consider creating a task force with other organizations and jointly commission a report on the unintended negative impacts of recent criminal law to identify necessary changes, working with key stakeholders to promote support for resulting advocacy efforts.

The resolution also promotes an amendment of appropriate sections of AB 109 to change the criteria justifying the release of non-violent, non-serious, non-sex offender inmates to include their total criminal and mental health history instead of only their last criminal conviction. It encourages continued advocacy to make "violent offenses" include crimes that meet the plain language definition of "violent".

The resolution further asks the State to improve the Smart Justice platform to allow state and local law enforcement agencies to rapidly share information to track offenders, and encourages data collection on post-release community supervision offenders.

The passage of this resolution would provide a range of important reforms that would enhance public safety in our community. For these reasons, the City of Pico Rivera strongly supports this resolution to strategically address criminal justice reforms.

Best regards,



René Bobadilla, P.E.
City Manager
City of Pico Rivera



City of Rolling Hills

INCORPORATED JANUARY 24, 1957

NO. 2 PORTUGUESE BEND ROAD

ROLLING HILLS, CALIF. 90274

(310) 377-1521

FAX: (310) 377-7288

July 12, 2017

General Resolutions Committee
League of California Cities
1400 K Street, Suite 400
Sacramento, CA 95814

**RE: 2017 Conference Resolution
Strategies to Improve Negative Impacts of Criminal Law
Notice of Support**

Dear Members of the General Resolutions Committee:

As a member of the Rolling Hills City Council, I support the League of California Cities Annual Conference Resolution calling on the Governor and Legislature to enter into discussion with the League and with other public safety stakeholders to identify and implement strategies that will relieve the unintended negative impacts of existing criminal law.

The City of Rolling Hills has seen increases in burglaries, mail/package theft and other property related crime that may have resulted from a combination of legislative actions and voter-approved initiatives. The City has also seen a significant jump in identity theft. The proposed annual conference resolution seeks to turn around these negative impacts from existing criminal law and considers proactive measures that could reduce such impacts.

The resolution directs League staff to consider creating a task force with other organizations and jointly commission a report on the unintended negative impacts of recent criminal law to identify necessary changes, working with key stakeholders to promote support for resulting advocacy efforts.

The resolution also promotes an amendment of appropriate sections of AB 109 to change the criteria justifying the release of non-violent, non-serious, non-sex offender inmates to include their total criminal and mental health history instead of only their last criminal conviction. It encourages continued advocacy to make "violent offenses" include crimes that meet the plain language definition of "violent".

General Resolutions Committee

July 12, 2017

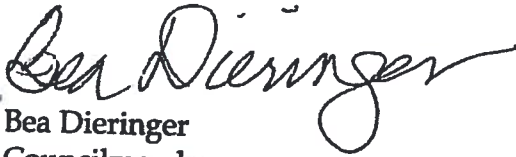
Re: 2017 Conference Resolution Strategies to Improve Negative Impacts of Criminal Law -
Notice of Support

Page 2

The resolution further asks the State to improve the Smart Justice platform to allow state and local law enforcement agencies to rapidly share information to track offenders, and encourages data collection on post-release community supervision offenders.

The passage of this resolution would provide a range of important reforms that would enhance public safety in our community. For these reasons, I strongly support this resolution to strategically address criminal justice reforms.

Sincerely,

A handwritten signature in black ink, appearing to read "Bea Dieringer", with a stylized, cursive script.

Bea Dieringer
Councilmember
City of Rolling Hills

RC:BD:hl

07-12-17League Resolution Support.docx



11710 Telegraph Road • CA • 90670-3679 • (562) 868-0511 • Fax (562) 868-7112 • www.santafesprings.org

"A great place to live, work, and play"

July 11, 2017

General Resolutions Committee
League of California Cities
1400 K Street, Suite 400
Sacramento, CA 95814

**RE: 2017 Conference Resolution
Strategies to Improve Negative Impacts of Criminal Law
Notice of Support**

Dear Committee:

The City of Santa Fe Springs supports the League of California Cities Annual Conference Resolution calling on the Governor and Legislature to enter into discussion with the League and other public safety stakeholders to identify and implement strategies that will improve the unintended negative impacts of existing criminal law.

The City of Santa Fe Springs has seen increases in property crime that may have resulted from a combination of legislative actions and voter-approved initiatives. In addition, the City of Santa Fe Springs contracts with the Whittier Police Department for Law Enforcement Services. In February, Whittier Police Department Officer Keith Boyer was gunned down by a AB 109 offender in a heinous act of indiscriminate violence. We feel strongly that AB 109 and the loosening of oversight and control over recidivist offenders was atleast partially responsible in Officer Boyer's death. We believe that the proposed annual conference resolution seeks to turn around these negative impacts from existing criminal law and considers proactive measures that could reduce such impacts.

The resolution directs League staff to consider creating a task force with other organizations and jointly commission a report on the unintended negative impacts of recent criminal law to identify necessary changes, working with key stakeholders to promote support for resulting advocacy efforts.

The resolution also promotes an amendment of appropriate sections of AB 109 to change the criteria justifying the release of non-violent, non-serious, non-sex offender inmates to include their total criminal and mental health history instead of only their last criminal conviction. It encourages continued advocacy to make "violent offenses" include crimes that meet the plain language definition of "violent".

The resolution further asks the State to improve the Smart Justice platform to allow state and local law enforcement agencies to rapidly share information to track offenders, and encourages data collection on post-release community supervision offenders.

William K. Rounds, Mayor • Jay Sarno, Mayor Pro Tem
City Council
Richard J. Moore • Juanita Trujillo • Joe Angel Zamora
City Manager
Thaddeus McCormack

July 10, 2017

Page 2

2017 Conference Resolution

The passage of this resolution would provide a range of important reforms that would enhance public safety in our community. For these reasons, the City of Santa Fe Springs strongly supports this resolution to strategically address criminal justice reforms.

Sincerely,

A handwritten signature in black ink, appearing to read "William K. Rounds".

William K. Rounds, Mayor
City of Santa Fe Springs

William K. Rounds, Mayor • Jay Sarno, Mayor Pro Tem
City Council
Richard J. Moore • Juanita Trujillo • Joe Angel Zamora
City Manager
Thaddeus McCormack



City of South Gate

8650 CALIFORNIA AVENUE + SOUTH GATE, CA 90280-3075 + (323) 563-9543
WWW.CITYOFSOUTHGATE.ORG FAX (323) 569-2678

MARIA DAVILA, Mayor
MARIA BELEN BERNAL, Vice Mayor
DENISE DIAZ, Council Member
JORGE MORALES, Council Member
AL RIOS, Council Member

July 11, 2017

General Resolutions Committee
League of California Cities
1400 K Street, Suite 400
Sacramento, CA 95814

**RE: 2017 ANNUAL CONFERENCE RESOLUTION: STRATEGIES TO IMPROVE
NEGATIVE IMPACTS OF CRIMINAL LAW-NOTICE OF SUPPORT**

Dear Committee:

As a Council Member of the City of South Gate, and a Member of the League's Public Safety Policy Committee, I am writing to express my support of the City of Whittier's 2017 Annual Conference Resolution (Resolution.) The proposed Resolution calls on the Governor and Legislature to enter into discussion with the League and other public safety stakeholders, to identify and implement strategies that will improve the unintended negative impacts of existing criminal law.

Cities in Los Angeles County have experienced increases in property crimes that may have resulted from a combination of legislative actions and voter-approved initiatives. The proposed Resolution seeks to remedy many of the negative impacts from existing criminal law and considers proactive measures that could reduce such impacts.

The passage of this Resolution would provide a range of important League directives to address the growing public safety concerns in these communities. For these reasons, I strongly support this Resolution to strategically address criminal justice reforms.

Sincerely,

Jorge Morales
Council Member

LETTERS OF CONCURRENCE
Resolution No. 2

Local Control for Emergency Medical Response


COSUMNES FIRE DEPARTMENT

10573 E Stockton Blvd.
Elk Grove, CA 95624

(916) 405-7100
Fax (916) 685-6622
www.yourcsd.com

July 13, 2017

The Honorable JoAnne Mounce, President
League of California Cities
1400 K Street
Sacramento, California 95814

**RE: RESOLUTION THAT SUPPORTS LEGISLATION TO AMEND GOVERNMENT
CODE SECTION 38611 TO CLARIFY THE DEFINITION OF LOCAL CONTROL**

Dear President Mounce,

The Cosumnes CSD Fire Department, which encompasses the Cities of Elk Grove and Galt supports the proposed resolution that would support legislation to amend Government Code Section 38611 to clarify the definition of local control as it pertains to emergency services.

A core function of local government is the ability to determine and provide the appropriated level of emergency response resources. Allowing Local Emergency Medical Services Agencies (LEMSAs) to determine when and how local fire agencies respond to emergencies circumvents the role of Fire Chiefs and municipal and special fire district legislative bodies. It should be the role of the Fire Chief to determine the required service levels and the role of the local legislative bodies to support the Fire Chief's recommendations based on community expectations, community risk reduction strategies and available resources.

Therefore, the Cosumnes CSD Fire Department supports the proposed resolution and future legislation that would serve to ensure local government determines their emergency response service levels. If further clarification is required, please let me know.

Sincerely,

Michael W. McLaughlin
Fire Chief



Office of the City Manager

390 Towne Centre Dr. – Lathrop, CA 95330
Phone (209) 941-7220 – fax (209) 941-7248
www.ci.lathrop.ca.us

July 14, 2017

The Honorable JoAnne Mounce, President
League of California Cities
1400 K Street
Sacramento, CA 95814

Sent to Via Email to: Meg Desmond mdesmond@cacities.org <<mailto:mdesmond@cacities.org>>

**Re: RESOLUTION THAT SUPPORTS LEGISLATION TO AMEND GOVERNMENT
CODE SECTION 38611 TO CLARIFY THE DEFINITION OF LOCAL CONTROL**

Dear President Mounce,

The City of Lathrop supports the proposed resolution that would support legislation to amend Government Code Section 38611 to clarify the definition of local control as it pertains to emergency services.

A core function of local government is the ability to determine and provide the appropriated level of emergency response resources. Allowing Local Emergency Medical Services Agencies (LEMSAs) to determine when and how local fire agencies respond to emergencies circumvents the role of Fire Chiefs and municipal and special fire district legislative bodies. It should be the role of the Fire Chief to determine the required service levels and the role of the local legislative bodies to support the Fire Chief's recommendations based on community expectations, community risk reduction strategies and available resources.

Therefore, the City of Lathrop supports the proposed resolution and future legislation that would serve to ensure local government determines their emergency response service levels. If further clarification is required, please let me know.

Thank you,



Stephen J. Salvatore
City Manager

Cc: Members of the City of Lathrop City Council
Lathrop Manteca Fire Chief, Gene Neely
Tracy City Manager, Troy Brown
Tracy Fire Chief, Randall Bradley
Central Valley Regional Public Affairs Manager LOCC, Stephen Qualls

CITY COUNCIL

DOUG KUEHNE, Mayor
 ALAN NAKANISHI,
 Mayor Pro Tempore
 MARK CHANDLER
 BOB JOHNSON
 JOANNE MOUNCE

CITY OF LODI

CITY HALL, 221 WEST PINE STREET
 P.O. BOX 3006
 LODI, CALIFORNIA 95241-1910
 (209) 333-6702 / FAX (209) 333-6807
www.lodi.gov cityclerk@lodi.gov

STEPHEN SCHWABAUER
 City Manager

JENNIFER M. FERRAILOLO
 City Clerk

JANICE D. MAGDICH
 City Attorney

July 19, 2017

The Honorable JoAnne Mounce, President
 League of California Cities
 1400 K Street, Suite 400
 Sacramento, CA 95814

**RE: RESOLUTION OF THE LEAGUE OF CALIFORNIA CITIES SUPPORTING
 LEGISLATION AMENDING GC §38611 TO CLARIFY DEFINITION OF LOCAL
 CONTROL PROVIDING BROAD STATUTORY AUTHORITY FOR LOCAL
 OFFICIALS TO DETERMINE EMERGENCY SERVICE LEVELS AND DIRECT
 EMERGENCY MEDICAL RESPONSE WITHIN THEIR JURISDICTIONS**

The City of Lodi supports the proposed resolution to support legislation amending Government Code §38611 to clarify the definition of local control providing broad statutory authority for local officials to determine emergency service levels and direct emergency medical response within their jurisdictions.

Accordingly, we concur in the submission of the resolution for consideration by the League of California Cities General Assembly at its annual meeting on September 15, 2017.

Government Code Section 38611 does not contain language clarifying the broad scope of emergency services as provided by present day fire departments. The code requires further definition for general law and charter cities in determining service levels for the delivery of emergency services commensurate with the resources provided by the local government body. Amending Government Code Section 38611 would provide the chief of a fire department specific authority to protect public safety and public health within the jurisdictional boundaries of the fire department.

The City of Lodi is in strong support of providing statutory authority for local officials to determine emergency service levels and direct emergency medical response within their jurisdictions.

Sincerely,



Doug Kuehne
 Mayor, City of Lodi

DK/JMF

cc: Larry Rooney, Fire Chief, City of Lodi
 Randall Bradley, City of Tracy, randall.bradley@ci.tracy.ca.us
 Stephen Qualls, League of California Cities, squalls@cacities.org



CITY OF MANTECA - FIRE DEPARTMENT

1154 S. UNION ROAD • MANTECA, CA 95337
(209) 456-8300 • FAX (209) 923-8936

July 13, 2017

League of California Cities
1400 K Street, Suite 400
Sacramento CA 95814

RE: A RESOLUTION OF THE LEAGUE OF CALIFORNIA CITIES SUPPORTING LEGISLATION AMENDING GOVERNMENT CODE SECTION 38611 TO CLARIFY THE DEFINITION OF LOCAL CONTROL PROVIDING BROAD STATUTORY AUTHORITY FOR LOCAL OFFICIALS TO DETERMINE EMERGENCY SERVICE LEVELS AND DIRECT EMERGENCY MEDICAL RESPONSE WITHIN THEIR JURISDICTIONS

To Whom It May Concern:

This letter confirms that the City of Manteca supports the resolution on Emergency Medical Services submitted to the League of California cities by the City of Tracy. The City of Manteca believes that local control of Emergency Services is critical to ensure that the best possible service and protection of our citizens/taxpayers is provided.

We appreciate the City of Tracy's willingness to bring this crucial issue to the forefront.

Respectfully,


Greg Showerman, Acting City Manager

Date: 13 July 2017


Kyle Shipherd, Fire Chief

Date: 13 July 2017

MICHAEL TUBBS
Mayor

ELBERT HOLMAN
Vice Mayor
District 1



CITY OF STOCKTON

OFFICE OF THE CITY COUNCIL
CITY HALL • 425 N. El Dorado Street • Stockton, CA 95202
209 / 937-8244 • Fax 209 / 937-8568

39
DAN WRIGHT
District 2

SUSAN LOFTHUS
District 3

SUSAN LENZ
District 4

CHRISTINA FUGAZI
District 5

JESÚS ANDRADE
District 6

July 13, 2017

The Honorable JoAnne Mounce, President
League of California Cities
1400 K Street
Sacramento, CA 95814

**SUBJECT: Resolution of the League of California Cities Supporting Legislation
Providing Broad Statutory Authority for Local Officials to Determine
Emergency Service Levels - SUPPORT**

Dear President Mounce,

On behalf of the City of Stockton, I wish to voice our support of the City of Tracy proposed resolution for consideration by League membership. Stockton supports this resolution for the following reasons:

- 1) The City of Stockton Legislative Program seeks the broadest authority for the City Council to make decisions locally, particularly related to the local exercise of police powers;
- 2) The City of Stockton Legislative Program advocates for efforts that impact the City's ability to enhance the well-being, quality of life, health, and safety of residents;
- 3) The City of Stockton has experienced challenges and frustrations in delivering the highest quality of emergency medical services to our residents due to provision of the Emergency Medical Services (EMS) Act.
- 4) Amendments to the EMS Act would clarify local control and allow governing bodies to determine which services are directly provided within their respective jurisdictions.

For these reasons, the City of Stockton concurs with and supports the City of Tracy proposed resolution for consideration by League membership.

MICHAEL TUBBS
MAYOR

MT:cc

cc: Stockton City Councilmembers
Kurt Wilson, Stockton City Manager



AGENDA SUMMARY REPORT

SUBJECT: Authorize Staff by Resolution to Purchase Two 2018 Pierce Enforcer Type 1 Engines, and Authorize Negotiating/Executing an Equipment Lease with Umpqua Bank along with the corresponding budget amendment.

DEPARTMENT: Fire

PREPARED BY: Kirk Thomsen

ATTACHMENTS:

[Attachment 1 - Pierce Engine Specifications](#)

[Attachment 2 - AA - Ukiah Pumper Proposal 06 April 2017](#)

[Attachment 3 - Ukiah Proposal 08-29-17](#)

[Attachment 4 - Purchase and Lease Purchase Resolution](#)

Summary: Authorize Staff to purchase two 2018 Pierce Enforcer Type 1 Engines, authorize the City Manager to negotiate an equipment lease agreement with Umpqua Bank, and approve corresponding resolution and budget amendment.

Background: The newest Type 1 engine in the fleet was purchased used in 2006. Currently it has 72,100 miles and 7,810 hours on it. This vehicle is in poor condition with an unknown value due to its specialty as well as the vehicle manufacturer is no longer in business, with parts being unavailable. For the past year, this

RECOMMENDED ACTION: Authorize staff to purchase two 2018 Pierce Enforcer Type 1 Engines, authorize the City Manager to negotiate and execute an equipment lease with Umpqua Bank, and adopt corresponding resolution and budget amendment.

BUDGET AMENDMENT REQUIRED: Yes

CURRENT BUDGET AMOUNT: \$32,296 - 10021210.74500

PROPOSED BUDGET AMOUNT: \$63,347 - 10021210.74500

FINANCING SOURCE: Capital lease

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: Mary Horger, Procurement Manager and Daniel Buffalo, Finance Director

Approved: _____


Sage Sangiacomo, City Manager

vehicle has incurred approximately \$21,600 in parts and labor costs. Due to the lack of parts, it has been moved to the reserve engine, which is first response for our volunteers.

The next newest engine of this type was purchased new in 1994 and is manufactured by Pierce. Currently it has 72,700 miles and 7,694 hours on it. Parts and service are readily available.

Discussion: Currently the 2008 Pierce Ladder Truck is at the North station, to provide the pumping capacity on structural fires. This use is not optimal in that it puts excess hours and use on the most expensive resource in the fleet and will ultimately limit its useful life. The purchase of the two Pierce Enforcer Type 1 Engines will allow the Department to position resources so the ladder truck will have less time on non-optimal activities. In addition, the purchase will allow the Department to remove the American LaFrance engine purchased in 2006 from the fleet given the rising maintenance costs and lack of available parts.

Staff was tasked to go through specifications to estimate cost. Staff chose specifications that were consistent with the Department's mission and resource needs (see Attachment 1 for final specifications). Staff selected Pierce for its quality as well as the parts availability. Furthermore, Pierce's California Service Center is only two and half hours away which will limit future downtime of critical equipment.

The proposed price of the two engines is \$1,125,730.73 (see Attachment 2), which is based on full payment at contract signing, and includes a performance bond. The pre-payment represents a total savings of \$59,125.31. The pricing is based on the NPPGov FireRescue GPO program, which is a national cooperative purchasing organization, serving government and non-profit organizations. Using this cooperative agreement allows for competitive pricing, and saves tremendous time in developing the specifications for this equipment.

Given the current low interest rates available, and the desire to keep working capital available for other purchases, Staff is recommending that this purchase be financed. In early August, financing proposals, based on a 10-year term, and semi-annual payments, were requested from three lending firms: PNC Equipment Finance, Holman Capital Corporation, and Umpqua Bank. Umpqua had proposed a rate of 2.43% (rate to be locked upon final draw), which was 0.55% lower than the next lowest interest rate (which was PNC Equipment Finance). Since receipt of the initial proposal, the lease rate has lowered to 2.31%. Please see Attachment 3 for a copy of Umpqua's latest 2017 Equipment Lease Finance Term Sheet dated August 29, 2017. Based on this term sheet, the City would enter a 10-year equipment lease, making semi-annual payments in arrears, resulting in 20 payments of \$63,346.88. In addition to Umpqua Bank's low interest rate, they also give the City the option to prepay the lease on any date. Neither Holman Capital nor PNC Equipment Finance's proposals detailed such an option.

Based on the lower financing cost and flexibility provided by the option to prepay the lease on any date, staff recommends selecting Umpqua Bank as the lender for this transaction.

There is currently an available budget of \$32,296.00 in account 10021210.74500. A budget amendment in the amount of \$31,551 from the City's budgetary surplus in revenues will be necessary to cover the anticipated document fee and the first lease payment that will be due in the Spring of 2018.

Staff is seeking approval for the purchase of the two 2018 Pierce Enforcer Type 1 Engines, authorizing the City Manager to negotiate and execute the final lease financing agreement with Umpqua Bank, approval of corresponding resolution provided as Attachment 4, and approval of corresponding budget amendment.

Proposal For: City of Ukiah Fire Department

Prepared By: Jon Bauer, Sales Consultant, Golden State Fire Apparatus, Inc.

April 6, 2017



City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Pierce Manufacturing, Inc. and Golden State Fire Apparatus, Inc. is pleased to submit a proposal to the City of Ukiah Fire Department for a **Pierce® Enforcer Type 1 Engine** per your request for quotation. The following paragraphs will describe in detail the apparatus, construction methods, and equipment proposed. This proposal will indicate size, type, model and make of components parts and equipment, providing proof of compliance with each and every item (except where noted) in the departments advertised specifications.

PIERCE MANUFACTURING was founded in 1913. Since then we have been building bodies with one philosophy, "BUILD THE FINEST". Our skilled craftsmen take pride in their work, which is reflected, in the final product. We have been building fire apparatus since the early "forties" giving Pierce Manufacturing over 60 years of experience in the fire apparatus market. Pierce Manufacturing has built and put into service more than 51,000 apparatus, including more than 27,000 on Pierce custom chassis designed and built specifically for fire and emergency applications. Our Appleton, Wisconsin facility has over 757,000 total square feet of floor space situated on approximately 97 acres of land. Our Bradenton, Florida facility has 300,000 square feet of floor space situated on approximately 38 acres of land.

Our beliefs in high ethical standards are carried through in all of our commitments and to everyone with whom we do business. Honesty, Integrity, Accountability and Citizenship are global tenets by which we all live and work. Consequently, we neither engage in, nor have we ever been convicted of price fixing, bid rigging, or collusion in any domestic or international fire apparatus market.

Pierce has only one brand of fire apparatus "Pierce", ensuring you are receiving top of the line product that meets your specification.

In accordance with the current edition of NFPA 1901 standards, this proposal will specify whether the fire department, manufacturer, or apparatus dealership will provide required loose equipment.

Images and illustrative material in this proposal are as accurate as known at the time of publication, but are subject to change without notice. Images and illustrative material is for reference only, and may include optional equipment and accessories and may not include all standard equipment.

GENERAL DESIGN AND CONSTRUCTION

To control quality, ensure compatibility, and provide a single source for service and warranty, the custom cab, chassis, pump module and body will be entirely designed, assembled/welded and painted in Pierce owned manufacturing facilities. This includes, but not limited to the cab weldment, the pumphouse module assembly, the chassis assembly, the body and the electrical system.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

QUALITY AND WORKMANSHIP

Pierce has set the pace for quality and workmanship in the fire apparatus field. Our tradition of building the highest quality units with craftsmen second to none has been the rule right from the beginning and we demonstrate that ongoing commitment by: Ensuring all steel welding follows American Welding Society D1.1-2004 recommendations for structural steel welding. All aluminum welding follows American Welding society and ANSI D1.2-2003 requirements for structural welding of aluminum. All sheet metal welding follows American welding Society B2.1-2000 requirements for structural welding of sheet metal. Our flux core arc welding uses alloy rods, type 7000 and is performed to American Welding Society standards A5.20-E70T1. Furthermore, all employees classified as welders are tested and certified to meet the American welding Society codes upon hire and every three (3) years thereafter. Pierce also employs and American Welding Society certified welding inspector in plant during working hours to monitor weld quality.

Pierce Manufacturing operates a Quality Management System under the requirements of ISO 9001. These standards sponsored by the International Organization for Standardization (ISO) specify the quality systems that are established by the manufacturer for design, manufacture, installation and service. A copy of the certificate of compliance is included with this proposal.

In addition to the Quality Management system, we also employ a Quality Achievement Supplier program to insure the vendors and suppliers that we utilize meet the high standards we demand. That is just part of our overall "Quality at the Source" program at Pierce.

COMPLIANCE WITH APPLICABLE LAWS

The apparatus will comply with all U.S. Department of Transportation, State of California Motor Vehicle Code, Air Pollution and Emission Control, apparatus meeting requirements of the California Air Pollution Control Board, and local requirements pertaining to vehicles used for firefighting, and emergency vehicles at time of contract signing.

The apparatus will also comply with all requirements as specified in NFPA (latest edition) standards. The unit is to be of current year manufacture, and is to be new and unused.

LICENSED MANUFACTURER

The State of California Vehicle Code, section 11701 requires "every manufacturer of a vehicle subject to registration shall make application to the Department of Motor Vehicles (DMV) for a license containing a general distinguishing number".

The manufacturer has a current license at time of bid as outlined above and is available upon request.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

LICENSED DEALERSHIP

The State of California Vehicle Code, section 11701 requires a “dealer in vehicles of a type subject to registration, shall make application to the Department of Motor Vehicles (DMV) for a license containing a general distinguishing number”.

The dealership has a current license at time of bid as outlined above and is available upon request.

LICENSED SALES REPRESENTATIVE

The State of California Vehicle Code, section 11800 requires that it shall be “unlawful for any person to act as a vehicle salesperson without having first procured a license issued by the Department of Motor Vehicles (DMV)”.

The sales representative has a current license at time of bid as outlined above and is available upon request.

VEHICLE REGISTRATION

The State of California Vehicle Code section 11739 requires that the “dealer of a new motor vehicle sale is responsible for applying for the title, securing vehicle registration, and obtaining license plates for the purchaser” through the Department of Motor Vehicles (DMV).

Golden State Fire Apparatus Inc. will obtain the registration and license plates on behalf of the purchaser.

SERVICE FACILITY

Golden State Fire Apparatus Inc. places a high priority on service. In order to provide efficient service and support during the life of the apparatus, we maintain a Pierce authorized service and repair facility in Central and Northern California. Golden State Emergency Vehicle Service is located at 7400 Reese Road in Sacramento.

Our service center has an indoor heated facility located within 165 miles of the City of Ukiah Fire Department. This facility is protected by fire and security alarm systems for safe storage of the apparatus.

Our service facility maintains a complete inventory of repair and/or replacement parts, has an on-site training classroom, and owns one (1) fully equipped mobile service vehicle with the ability to carry spare parts and repair equipment.

WARRANTY PROCEEDURE

To prevent problems associated with “divided responsibility”, Golden State Fire Apparatus Inc. will coordinate and submit all warranty claims on behalf of the purchaser. We will also coordinate future product recalls and upgrades (if any) to the existing apparatus. This includes coordinating repairs between the original manufacturer of the component and filing of warranty claims on behalf of the purchaser.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

DEALER PREPARATION

Golden State Fire Apparatus Inc. will provide all necessary dealer preparation applicable to new equipment prior to final delivery to the purchaser which includes the following services (if applicable to the specification):

- Proposal Compliance - Inspect apparatus for compliance with proposal.
- Fluid Levels - Inspect for correct capacities of the following: engine oil, coolant, power steering fluid, washer reservoir fluid, transmission fluid, rear end fluid, pump transmission oil, and primer oil.
- Visual Inspection - Inspect tires and wheels for proper pressure and lug torquing. Tighten any loose hardware and repair reasonable paint scratches or chips. Lubricate valve rods and check doors for correct adjustment.
- Electrical Inspection - Operate all lights, sirens, and other electrical accessories.
- Pump Operation - Vacuum test the pump to hold for 15 minutes. After vacuum test, operate transfer valve and check pump shift.
- Leak Inspection - Fill water tank to check for leaks. Inspect water level gauge and check for calibration. Operate relief valve.
- Gauge Inspection - With caps loose, rapid test all individual gauges and main gauges for calibration.
- Foam System Inspection - Tighten caps and connect foam lines. Test selector, valves, metering valve and operation of foam system (including flush).
- Road Test - Run a road test with tank full. Empty tank, drain pump, and drain all lines when above steps are completed.
- Fuel Tank - Fuel tank shall be filled to capacity prior to final delivery.
- Cleaning / Detailing - The apparatus shall be thoroughly washed and detailed at the dealership prior to final delivery to the purchaser. This includes removal of any metal shavings.

DELIVERY

Prior to delivery, the equipment / material will be completely assembled as necessary to assure proper operation and function. Apparatus, to insure proper break in of all components while still under warranty, **shall be delivered under its own power** - rail or truck freight shall not be acceptable.

All equipment / material, spare parts and supplies shall be delivered F.O.B. destination, delivery charges prepaid and added, to:

- City of Ukiah
- 300 Seminary Avenue
- Ukiah, California 95482

DELIVERY OF THE APPARATUS SHALL BE WITHIN 365 TO 395 CALENDAR DAYS AFTER EXECUTION AND ACCEPTANCE OF A CONTRACT OR PURCHASE ORDER.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

TRAINING PROGRAM

On initial delivery of the fire apparatus, the contractor will supply a qualified representative to demonstrate the apparatus and provide initial instruction to the fire department regarding the operation, care, and maintenance of the apparatus for a period of four (4) days.

WEEKLY PROGRESS REPORTS

Golden State Fire Apparatus Inc. shall provide the following:

Weekly progress reports including photographs of the apparatus or the major components as they are being constructed. The reports shall commence at the start of the manufacturing process and shall continue through production by the manufacturer. The reports shall show the progress of the apparatus through the course of each week. Special attention shall be given to show the unique features and aspects of the apparatus as construction progresses. Up to seven (7) reports shall be provided for an Engine.

MANUAL AND SERVICE INFORMATION

At time of delivery, complete operation and maintenance manuals covering the apparatus will be provided. A permanent plate will be mounted in the driver's compartment specifying the quantity and type of fluids required including engine oil, engine coolant, transmission, pump transmission lubrication, pump primer and drive axle.

PERFORMANCE TESTS

A road test will be conducted with the apparatus fully loaded and a continuous run of no less than ten (10) miles. During that time the apparatus will show no loss of power nor will it overheat. The transmission drive shaft or shafts and the axles will run quietly and be free of abnormal vibration or noise. The apparatus when fully loaded will not have less than 25 percent nor more than 50 percent on the front axle, and not less than 50 percent nor more than 75 percent on the rear axle. The apparatus will meet NFPA 1901 acceleration and braking requirements.

SERVICE AND WARRANTY SUPPORT

Pierce dealership support will be provided by Golden State Fire Apparatus Inc. by operating in conjunction with a Pierce authorized service center. The service center will have factory-trained mechanics on staff versed in Pierce fire apparatus. The service facility will be located within one hundred fifty (165) miles of the fire department.

In addition to the dealership, Pierce has service facilities located in both, Weyauwega, Wisconsin and Bradenton, Florida. Pierce also maintains a dedicated parts facility of over 100,000 square feet in Appleton, Wisconsin. The parts facility stocks in excess of \$5,000,000 in parts dedicated to service and replacement parts. The parts facility employs a staff dedicated solely for the distribution and shipment of service and replacement parts.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Service parts for the apparatus being proposed can be found via Pierceparts.com which, is an interactive online tool that delivers information regarding your specific apparatus as well as the opportunity to register for training classes.

As a Pierce customer you have the ability to view the complete bill of materials for your specific apparatus, including assembly drawings, piece part drawings, and beneficial parts notations. You will also have the ability to search the complete Pierce item master through a parts search function which offers all Pierce SKU's and descriptions offered on all Pierce apparatus. Published component catalogs, which include proprietary systems along with an extensive operators manual library is available for easy reference.

Pierce Manufacturing maintains a dedicated service and warranty staff of over 35 personnel, dedicated to customer support, which also maintains a 24 hour 7 day a week toll free hot line, four (4) on staff EVT's, and offers hands-on repair and maintenance training classes multiple times a year.

SINGLE SOURCE MANUFACTURER

Pierce Manufacturing, Inc. provides an integrated approach to the design and manufacture of our products that delivers superior apparatus and a dedicated support team. From our facilities, the chassis, cab weldment, cab, pumphouse (including the sheet metal enclosure, valve controls, piping and operators panel) and body will be entirely designed, tested, and hand assembled to the customer's exact specifications. The electrical system either hardwired or multiplexed, will be both designed and integrated by Pierce Manufacturing. The warranties relative to these major components (excluding component warranties such as engine, transmission, axles, pump, etc.) will be provided by Pierce as a single source manufacturer. Pierce's single source solution adds value by providing a fully engineered product that offers durability, reliability, maintainability, performance, and a high level of quality.

Your apparatus will be manufactured in Appleton, Wisconsin.

NFPA 2016 STANDARDS

This unit will comply with the NFPA standards effective January 1, 2016, except for fire department directed exceptions. These exceptions will be set forth in the Statement of Exceptions.

Certification of slip resistance of all stepping, standing and walking surfaces will be supplied with delivery of the apparatus.

All horizontal surfaces designated as a standing or walking surface that are greater than 48.00" above the ground must be defined by a 1.00" wide line along its outside perimeter. Perimeter markings and designated access paths to destination points will be identified on the customer approval print and are shown as approximate.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Actual location(s) will be determined based on materials used and actual conditions at final build. Access paths may pass through hose storage areas and opening or removal of covers or restraints may be required. Access paths may require the operation of devices and equipment such as the aerial device or ladder rack.

A plate that is highly visible to the driver while seated will be provided. This plate will show the overall height, length, and gross vehicle weight rating.

The manufacturer will have programs in place for training, proficiency testing and performance for any staff involved with certifications.

An official of the company will designate, in writing, who is qualified to witness and certify test results.

NFPA COMPLIANCY

Apparatus proposed by the bidder will meet the applicable requirements of the National Fire Protection Association (NFPA) as stated in current edition at time of contract execution. Fire department's specifications that differ from NFPA specifications will be indicated in the proposal as "non-NFPA".

VEHICLE INSPECTION PROGRAM CERTIFICATION

To assure the vehicle is built to current NFPA standards, the apparatus, in its entirety, will be third-party, audit-certified through Underwriters Laboratory (UL) that it is built and complies to all applicable standards in the current edition of NFPA 1901. The certification will include: all design, production, operational, and performance testing of not only the apparatus, but those components that are installed on the apparatus.

A placard will be affixed in the driver's side area stating the third party agency, the date, the standard and the certificate number of the whole vehicle audit.

PUMP TEST

Underwriters Laboratory (UL) will test, approved, and certify the pump. The test results and the pump manufacturer's certification of hydrostatic test; the engine manufacturer's certified brake horsepower curve; and the pump manufacturer's record of pump construction details will be forwarded to the Fire Department.

INSPECTION TRIPS

Golden State Fire Apparatus, Inc. will provide two (2) factory inspection trips for two (2) customer representatives on each trip. The inspection trips will be scheduled at times mutually agreed upon between the manufacturer's representative and the customer. All costs such as air travel, ground travel while at the factory, lodging and meals will be the responsibility of the Golden State Fire Apparatus, Inc.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

PERFORMANCE BOND, 1 YEAR

The successful bidder will furnish a Performance and Payment bond (Bond) equal to 100 percent of the total contract amount within 30 days of the notice of award. Such Bond will be in a form acceptable to the Owner and issued by a surety company included within the Department of Treasury's Listing of Approved Sureties (Department Circular 570) with a minimum A.M. Best Financial Strength Rating of A and Size Category of XV. In the event of a bond issued by a surety of a lesser Size Category, a minimum Financial Strength rating of A+ is required.

Bidder and Bidder's surety agree that the Bond issued hereunder, whether expressly stated or not, also includes the surety's guarantee of the vehicle manufacturer's Basic One (1) Year Limited Warranty period included within this proposal. Owner agrees that the penal amount of this bond will be simultaneously amended to 25 percent of the total contract amount upon satisfactory acceptance and delivery of the vehicle(s) included herein. Notwithstanding anything contained within this contract to the contrary, the surety's liability for any warranties of any type will not exceed one (1) year from the date of such satisfactory acceptance and delivery, or the actual Basic One (1) Year Limited Warranty period, whichever is shorter.

APPROVAL DRAWING

A drawing of the proposed apparatus will be prepared and provided to the purchaser for approval before construction begins. The Pierce sales representative will also be provided with a copy of the same drawing. The finalized and approved drawing will become part of the contract documents. This drawing will indicate the chassis make and model, location of the lights, siren, horns, compartments, major components, etc.

A "revised" approval drawing of the apparatus will be prepared and submitted by Pierce to the purchaser showing any changes made to the approval drawing.

DRAWING, CAB TOP VIEW

On the sales drawing a top view of the cab seating will be provided. The top view will be a reference only of the seating in the order.

ELECTRICAL WIRING DIAGRAMS

Two (2) electrical wiring diagrams, prepared for the model of chassis and body, will be provided.

ENFORCER CHASSIS

The Pierce Enforcer™ is the custom chassis developed exclusively for the fire service. Chassis provided will be a new, tilt-type custom fire apparatus. The chassis will be manufactured in the apparatus body builder's facility eliminating any split responsibility.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The chassis will be designed and manufactured for heavy-duty service, with adequate strength, capacity for the intended load to be sustained, and the type of service required. The chassis will be the manufacturer's first line tilt cab.

OVERALL HEIGHT

The overall height will be 126.00".

ANGLE OF DEPARTURE

The angle of departure will be 20.00 degrees. This will be effective with the truck in a unloaded state.

ANGLE OF APPROACH

The angle of approach will be 14.00 degrees. This will be effective with the truck in a unloaded state.

WHEELBASE

The wheelbase of the vehicle will be 162.50".

GVW RATING

The gross vehicle weight rating will be 42,000lbs.

FRAME

The chassis frame will be built with two (2) steel channels bolted to five (5) cross members or more, depending on other options of the apparatus. The side rails will be heat-treated steel measuring 10.25" x 3.50" x .375".

Each rail will have a section modulus of 16.00 cubic inches, yield strength of 120,000 psi, and a resisting bending moment (rbm) of 1,921,069 inch-pounds.

FRONT AXLE

The front axle will be a reverse "I" beam type with inclined kingpins. It will be a Dana axle, Model D-2000F, with a rated capacity of 18,000 lbs.

FRONT SUSPENSION

The front springs will be a Standens, three (3)-leaf, taper leaf design, 54.00" long x 4.00" wide, with a ground rating of 18,000 lb.

The two (2) top leaves will wrap the forward spring hanger pin. The top leaf will also wrap the rear spring hanger pin. Both the front and rear eyes will be Berlin style wraps that will place the eyes in the horizontal plane within the main leaf. This will reduce bending stress from acceleration and braking.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

A steel encased rubber bushing will be used in the spring eye. The steel encased rubber bushing will be maintenance free and require no lubrication.

SHOCK ABSORBERS

Koni® model 90, adjustable heavy-duty telescoping shock absorbers will be provided on the front axle.

FRONT OIL SEALS

Oil seals with viewing window will be provided on the front axle.

SYNTHETIC WHEEL BEARING OIL

Synthetic oil will be provided in the front wheel bearings.

FRONT TIRES

Front tires will be Goodyear 315/80R22.50 radials, 20 ply G291 tread, rated for 19,450 lb maximum axle load and 68 mph maximum speed.

The tires will be mounted on Alcoa 22.50" x 9.00" polished aluminum disc wheels with a ten (10) stud, 11.25" bolt circle.

TURNING RADIUS REPORT

A turning radius analysis of the custom Pierce chassis that we are proposing will be included with this proposal. This analysis will provide information on the inside turning radius, the outside turning radius, the curb to curb turning radius, and the wall to wall turning radius.

REAR AXLE

The rear axle will be a Dana, Model S26-190, with a capacity of 24,000 lbs.

TOP SPEED OF VEHICLE

A rear axle ratio will be furnished to allow the vehicle to reach a top speed of 68 mph.

REAR SUSPENSION

The rear suspension will be Standens, semi-elliptical, 3.00" wide x 53.00" long, 12-leaf pack with a ground rating of 24,000 lbs. The spring hangers will be castings.

The two (2) top leaves will wrap the forward spring hanger pin, and the rear of the spring will be a slipper style end that will ride in a rear slipper hanger. To reduce bending stress due to acceleration and braking, the front eye will be a berlin eye that will place the front spring pin in the horizontal plane within the main leaf.

A steel encased rubber bushing will be used in the spring eye. The steel encased rubber bushing will be maintenance free and require no lubrication.

SHOCK ABSORBERS

To provide a smoother ride, the rear axle will be furnished with heavy-duty Monroe Magnum 70 telescoping shock absorbers.

REAR OIL SEALS

Oil seals will be provided on the rear axle.

DRIVER CONTROL DIFFERENTIAL LOCK (DCDL)

A rear axle will be equipped with a driver controlled differential lock (DCDL).

The control will be located within easy reach of the driver. An indicator light will be provided next to the control switch.

SYNTHETIC GEAR LUBE

The rear axle will be supplied with synthetic gear lube, as recommended by the axle manufacturer.

REAR TIRES

Rear tires will be four (4) Goodyear 315/80R22.50 radials, 20 ply G291, rated for 33,080 lb maximum axle load and 75 mph maximum speed.

The tires will be mounted on Alcoa© 22.50" x 9.00" polished aluminum disc wheels with a ten (10) stud 11.25" bolt circle.

TIRE BALANCE

All tires will be dynamically balanced with wheel weights.

TIRE PRESSURE MANAGEMENT

There will be a tire pressure management system provided that will monitor each tires pressure and temperature. A 7.00" resistive Control Zone™ touch screen located in the cab instrument panel will indicate each tires position, pressure and temperature. A wireless sensor will be mounted to each wheel for a total of six (6) sensors.

The system will have three (3) alert levels:

- Critical Low Pressure Alert
- Pressure Deviation Alert
- High Temperature Alert

Each alert will trigger an audible alarm and an indicator light within the gauge to signal the driver of the problem

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The system will be covered by a **five (5) year** parts and labor warranty. Please see warranty document for details.

FRONT HUB COVERS

Stainless steel hub covers will be provided on the front axle. An oil level viewing window will be provided.

REAR HUB COVERS

A pair of stainless steel high hat hub covers will be provided on rear axle hubs.

CHROME LUG NUT COVERS

Chrome lug nut covers will be supplied on front and rear wheels.

MUD FLAPS

Mud flaps with a Pierce logo will be installed behind the front and rear wheels.

WHEEL CHOCKS PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2016 edition, section 5.9.4 requires two (2) or more wheel chocks mounted in readily accessible locations that together will hold the apparatus, when loaded to its GVWR or GCWR, on a hard surface with a 20 percent grade with the transmission in neutral and the parking brake released.

The wheel chocks are not on the apparatus as manufactured. The fire department will provide and install these wheel chocks.

WHEEL CHOCK BRACKETS, PROVIDED BY FIRE DEPARTMENT

The wheel chock brackets are not on the apparatus as manufactured. The fire department will provide and install the wheel chock brackets.

ANTI-LOCK BRAKE SYSTEM

The vehicle will be equipped with a Meritor WABCO 4S4M, anti-lock braking system. The ABS will provide a 4-channel anti-lock braking control on both the front and rear wheels. A digitally controlled system that utilizes microprocessor technology will control the anti-lock braking system. Each wheel will be monitored by the system. When any particular wheel begins to lockup, a signal will be sent to the control unit. This control unit then will reduce the braking of that wheel for a fraction of a second and then reapply the brake. This anti-lock brake system will eliminate the lockup of any wheel thus helping to prevent the apparatus from skidding out of control.

BRAKES

The service brake system will be full air type by Bendix®.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Front brakes will be Model ADB22X™, disc type with automatic pad wear adjustment and 17.00" rotors for improved stopping distance.

The rear brakes will be Bendix™ 16.50" x 8.63" cam operated with automatic slack adjusters.

BRAKE SYSTEM AIR COMPRESSOR

The air compressor will be a Cummins/WABCO with 18.7 cubic feet per minute output.

BRAKE SYSTEM

The brake system will include:

- Bendix® brake treadle valve
- Heated automatic moisture ejector on air dryer
- Total air system minimum capacity of 4,272 cubic inches
- Two (2) air pressure gauges with a red warning light and an audible alarm, that activates when air pressure falls below 60 psi
- Spring set parking brake system
- Parking brake operated by a push-pull style control valve
- A parking "brake on" indicator light on instrument panel
- Park brake relay/inversion and anti-compounding valve, in conjunction with a double check valve system, with an automatic spring brake application at 40 psi
- A pressure protection valve to prevent all air operated accessories from drawing air from the air system when the system pressure drops below 80 psi (550 kPa)
- 1/4 turn drain valves on each air tank

The air tank will be primed and painted to meet a minimum 750 hour salt spray test.

To reduce the effects of corrosion, the air tank will be mounted with stainless steel brackets.

BRAKE SYSTEM AIR DRYER

The air dryer will be a WABCO System Saver 1200 IWT, with internal wet tank, spin-on coalescing filter cartridge and 100 watt heater.

BRAKE LINES

Color-coded nylon brake lines will be provided. The lines will be wrapped in a heat protective loom in the chassis areas that are subject to excessive heat.

AIR INLET/OUTLET

One (1) air inlet/outlet will be installed recessed with the female coupling located on the driver side pump panel. This system will tie into the "wet" tank of the brake system and include a check valve in the inlet line and an 85 psi pressure protection valve in the outlet line. The air outlet will be controlled by a needle valve.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

A mating male fitting will be provided with the loose equipment.

The air inlet will allow a shoreline air hose to be connected to the vehicle. This will allow station air to be supplied to the brake system of the vehicle to insure constant air pressure.

ENGINE

The chassis will be powered by an electronically controlled engine as described below:

Make:	Cummins
Model:	L9
Power:	450 HP at 2100 rpm
Torque:	1250 lb.-ft. at 1400 rpm
Governed Speed:	2200 rpm
Emissions Level:	EPA 2017
Fuel:	Diesel
Cylinders:	Six (6)
Displacement:	543 cubic inches (8.9L)
Starter:	Delco 39MT™
Fuel Filters:	Spin-on style primary filter with water separator and water-in-fuel sensor. Secondary spin-on style filter.

The engine will include On-board diagnostics (OBD), which provides self-diagnostic and reporting. The system will give the owner or repair technician access to state of health information for various vehicle sub systems. The system will monitor vehicle systems, engine and after treatment. The system will illuminate a malfunction indicator light on the dash console if a problem is detected.

HIGH IDLE

A high idle switch will be provided, inside the cab, on the instrument panel, that will automatically maintain a preset engine rpm. A switch will be installed, at the cab instrument panel, for activation/deactivation.

The high idle will be operational only when the parking brake is on and the truck transmission is in neutral. A green indicator light will be provided, adjacent to the switch. The light will illuminate when the above conditions are met. The light will be labeled "OK to Engage High Idle."

ENGINE BRAKE

A Jacobs® engine brake is to be installed with the controls located on the instrument panel within easy reach of the driver.

The driver will be able to turn the engine brake system on/off and have a high, medium and low setting.

The engine brake will activate when the system is on and the throttle is released.

The high setting of the brake application will activate and work simultaneously with the variable geometry turbo (VGT) provided on the engine.

The engine brake will be installed in such a manner that when the engine brake is slowing the vehicle the brake lights are activated.

The ABS system will automatically disengage the auxiliary braking device, when required.

CLUTCH FAN

A fan clutch will be provided. The fan clutch will be automatic when the pump transmission is in "Road" position, and constantly engaged when in "Pump" position.

ENGINE HEATER

A 1000 watt, 120 volt, immersion type engine heater with thermostat will be installed. The engine heater will be wired to the shoreline and be active whenever the shoreline is connected.

ENGINE AIR INTAKE

The engine air intake will be located above the engine cooling package. It will draw fresh air from the front of the apparatus through the radiator grille.

The ember separator is designed to prevent road dirt and recirculating hot air from entering the engine.

The ember separator will be easily accessible by tilting the cab.

EXHAUST SYSTEM

The exhaust system shall be stainless steel from the turbo to the engine's after-treatment device and shall be 4.00" in diameter. The exhaust system shall include a single module after-treatment device to meet current EPA standards. An insulation wrap shall be provided on all exhaust pipes between the turbo and after-treatment device to minimize the heat loss to the after-treatment device. The exhaust shall terminate horizontally ahead of the right side rear wheels. A tailpipe diffuser shall be provided to reduce the temperature of the exhaust as it exits. Heat deflector shields shall be provided to isolate chassis and body components from the heat of the tailpipe diffuser.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

RADIATOR

The radiator and the complete cooling system will meet or exceed NFPA and engine manufacturer cooling system standards.

For maximum corrosion resistance and cooling performance, the entire radiator core will be constructed using long life aluminum alloy. The radiator core will consist of aluminum fins, having a serpentine design, brazed to aluminum tubes. No solder joints or leaded material of any kind will be acceptable in the core assembly.

The radiator core will have a minimum front area of 1060 square inches.

Supply tank will be made of heavy duty glass-reinforced nylon and the return tank will be made of aluminum. Both tanks will be crimped onto the core assembly using header tabs and a compression gasket to complete the radiator core assembly. There will be a full steel frame around the inserts to enhance cooling system durability and reliability.

The radiator will be compatible with commercial antifreeze solutions.

The radiator assembly will be isolated from the chassis frame rails with rubber isolators to prevent the development of leaks caused by twisting or straining when the apparatus operates over uneven terrain.

The radiator will include a de-aeration/expansion tank. For visual coolant level inspection, the radiator will have a built-in sight glass. The radiator will be equipped with a 15 psi pressure relief cap.

A drain port will be located at the lowest point of the cooling system and/or the bottom of the radiator to permit complete flushing of the coolant from the system.

Shields or baffles will be provided to prevent recirculation of hot air to the inlet side of the radiator.

COOLANT LINES

Gates, or Goodyear, rubber hose will be used for all engine coolant lines installed by Pierce Manufacturing.

Hose clamps will be stainless steel constant torque type to prevent coolant leakage. They will expand and contract according to coolant system temperature thereby keeping a constant clamping pressure on the hose.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

FUEL TANK

A 65 gallon fuel tank will be provided and mounted at the rear of the chassis. The tank will be constructed of 12-gauge, hot rolled steel. It will be equipped with swash partitions and a vent. To eliminate the effects of corrosion, the fuel tank will be mounted with stainless steel straps.

A 0.75" drain plug will be located in a low point of the tank for drainage.

A fill inlet will be located on the left hand side of the body and is covered with a hinged, spring loaded, stainless steel door that is marked "Ultra Low Sulfur - Diesel Fuel Only."

A 0.50" diameter vent will be installed from tank top to just below fuel fill inlet.

The fuel tank will meet all FHWA 393.67 requirements including a fill capacity of 95 percent of tank volume.

All fuel lines will be provided as recommended by the engine manufacturer.

DIESEL EXHAUST FLUID TANK

A 4.5 gallon diesel exhaust fluid (DEF) tank will be provided and mounted in the driver's side body rearward of the rear axle.

A 0.50" drain plug will be provided in a low point of the tank for drainage.

A fill inlet will be provided and marked "Diesel Exhaust Fluid Only". The fill inlet will be located adjacent to the engine fuel inlet behind a common hinged, spring loaded, brushed stainless steel door on the driver side of the vehicle. The fill inlet will be provided with a locking cap.

The tank will meet the engine manufacturers requirement for 10 percent expansion space in the event of tank freezing.

The tank will include an integrated heater unit that utilizes engine coolant to thaw the DEF in the event of freezing.

The stainless steel flip door for selecting between DEF fill and the diesel fill will be spring loaded and will default to covering the DEF fill.

FUEL SHUTOFF

A shutoff valve will be installed in the fuel line, at the fuel tank.

TRANSMISSION

An Allison 5th generation, Model EVS 3000P, electronic torque converting automatic transmission will be provided.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The transmission will be equipped with prognostics to monitor oil life, filter life, and transmission health. A wrench icon on the shift selector's digital display will indicate when service is due.

Two (2) PTO openings will be located on both sides of converter housing (positions 4 o'clock and 8 o'clock) as viewed from the rear.

A transmission temperature gauge with red light and audible alarm will be installed on the cab dash.

TRANSMISSION SHIFTER

A five (5)-speed push button shift module will be mounted to right of driver on console. Shift position indicator will be indirectly lit for after dark operation.

The transmission ratio will be:

1st	3.49 to 1.00
2nd	1.86 to 1.00
3rd	1.41 to 1.00
4th	1.00 to 1.00
5th	0.75 to 1.00
R	5.03 to 1.00

TRANSMISSION COOLER

A Modine plate and fin transmission oil cooler will be provided using engine coolant to control the transmission oil temperature.

DOWNSHIFT MODE (W/ENGINE BRAKE)

The transmission will be provided with an aggressive downshift mode.

This will provide earlier transmission downshifts to 3rd gear, resulting in improved engine braking performance.

DRIVELINE

Drivelines will be a heavy-duty metal tube and be equipped with Spicer® 1710 universal joints.

The shafts will be dynamically balanced before installation.

A splined slip joint will be provided in each driveshaft, slip joint will be coated with Glidecoat® or equivalent.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

STEERING

Steering gear will be provided with integral heavy-duty power steering. For reduced system temperatures, the power steering will incorporate an air to oil cooler and Vickers® V20NF hydraulic pump with integral pressure and flow control. All power steering lines will have wire braded lines with crimped fittings.

A tilt and telescopic steering column will be provided to improve fit for a broader range of driver configurations.

STEERING WHEEL

The steering wheel will be 18.00" in diameter, have tilting and telescoping capabilities, and a 4-spoke design.

SUSPENSION LIFT

A suspension lift kit of 2.50" will be provided. All steering components will be engineered to work properly with the lift kit.

BUMPER

A one (1) piece bumper manufactured from .25" formed steel with a .38" bend radius will be provided. The bumper will be a minimum of 8.00" high with a 1.50" top and bottom flange, and will extend 16.00" from the face of the cab. The bumper will be 95.28" wide with 45 degree corners. The side plates will taper down to 10.00", blending in with the bottom of the cab.

The bumper will be metal finished and painted job color.

To provide adequate support strength, the bumper will be mounted directly to the front of the C channel frame. The frame will be a bolted modular extension frame constructed of 50,000 psi tensile steel.

GRAVEL PAN

A gravel pan, constructed of bright aluminum treadplate, will be furnished between the bumper and the cab face. The pan will be properly supported from the underside to prevent flexing and vibration.

HOSE TRAY

A hose tray, constructed of aluminum, will be placed in the center of the bumper extension.

The tray dimensions will be 29.00" wide x 11.50" front to back x 8.00" deep. Tray will have a target capacity for 100' of 1.50" double jacket cotton-polyester hose.

No grating will be provided at the bottom of the tray. Drain holes are also provided.

CENTER HOSE TRAY RESTRAINT

A heavy black nylon webbing made of 2.00" nylon strap with a 2.00" box pattern netting will be provided over the center mounted tray. The webbing will be used to secure the hose in the tray.

The web netting will be fastened permanently on one side with stainless steel footman loops and secured on the opposite side with 2.00" side release.

TOW EYES

Two (2) Chicago style tow eyes will be mounted through the top of the bumper extension. The tow eyes will be designed and positioned to allow up to a 6,000 lb straight horizontal pull in line with the centerline of the vehicle. The tow eyes will not be used for lifting of the apparatus.

The inner and outer edges of the tow eyes will have a .25" radius.

The tow eyes will be chrome plated.

FRONT BUMPER PROTECTIVE COATING

Protective black Pierce polyurea texture coating will be provided on the outside exterior of the top front bumper flange. It will not be applied on the underside of the flange.

CAB

The Enforcer cab will be designed specifically for the fire service and manufactured by the chassis builder.

The cab will be built by the apparatus manufacturer in a facility located on the manufacturer's premises.

For reasons of structural integrity and enhanced occupant protection, the cab will be a heavy duty design, constructed to the following minimal standards.

The cab will have 12 main vertical structural members located in the A-pillar (front cab corner posts), B-pillar (side center posts), C-pillar (rear corner posts), and rear wall areas. The A-pillar will be constructed of solid A356-T5 aluminum castings. The B-pillar and C-pillar will be constructed from 0.13" wall extrusions. The rear wall will be constructed of two (2) 2.00" x 2.00" outer aluminum extrusions and two (2) 2.00" x 1.00" inner aluminum extrusions. All main vertical structural members will run from the floor to 4.625" x 3.864" x 0.090" thick roof extrusions to provide a cage-like structure with the A-pillar and roof extrusions being welded into a 0.25" thick corner casting at each of the front corners of the roof assembly.

The front of the cab will be constructed of a 0.13" firewall plate, covered with a 0.090" front skin (for a total thickness of 0.22"), and reinforced with a full width x 0.50" thick cross-cab support located just below the windshield and fully welded to the engine tunnel.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The cross-cab support will run the full width of the cab and weld to each A-pillar, the 0.13" firewall plate, and the front skin.

The cab floors will be constructed of 0.125" thick aluminum plate and reinforced at the firewall with an additional 0.25" thick cross-floor support providing a total thickness of 0.375" of structural material at the front floor area. The front floor area will also be supported with two (2) triangular 0.30" wall extrusions that also provides the mounting point for the cab lift.

This tubing will run from the floor wireway of the cab to the engine tunnel side plates, creating the structure to support the forces created when lifting the cab.

The cab will be 96.00" wide (outside door skin to outside door skin) to maintain maximum maneuverability.

The forward cab section will have an overall height (from the cab roof to the ground) of approximately 99.00". The crew cab section will have a 10.00" raised roof, with an overall cab height of approximately 109.00". The overall height listed will be calculated based on a truck configuration with the lowest suspension weight rating, the smallest diameter tires for the suspension, no water weight, no loose equipment weight, and no personnel weight. Larger tires, wheels, and suspension will increase the overall height listed.

The floor to ceiling height inside the crew cab will be 64.50" in the center and outboard positions.

The crew cab floor will measure 36.00" from the rear wall to the back side of the rear facing seat risers.

The medium block engine tunnel, at the rearward highest point (knee level), will measure 51.50" to the rear wall. The big block engine tunnel will measure 41.50" to the rear wall.

The crew cab will be a totally enclosed design with the interior area completely open to improve visibility and verbal communication between the occupants.

The cab will be a full tilt cab style.

A 3-point cab mount system with rubber isolators will improve ride quality by isolating chassis vibrations from the cab.

CAB ROOF DRIP RAIL

For enhanced protection from inclement weather, a drip rail will be furnished on the sides of the cab. The drip rail will be painted to match the cab roof, and bonded to the sides of the cab. The drip rail will extend the full length of the cab roof.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

INTERIOR CAB INSULATION

The cab will include 1.00" insulation in the ceiling, 1.50" insulation in the side walls, and 2.00" insulation in the rear wall to maximize acoustic absorption and thermal insulation.

FENDER LINERS

Full circular inner fender liners in the wheel wells will be provided.

PANORAMIC WINDSHIELD

A one (1)-piece safety glass windshield will be provided with over 2,775 square inches of clear viewing area. The windshield will be full width and will provide the occupants with a panoramic view. The windshield will consist of three (3) layers: outer light, middle safety laminate, and inner light. The outer light layer will provide superior chip resistance. The middle safety laminate layer will prevent the windshield glass pieces from detaching in the event of breakage. The inner light will provide yet another chip resistant layer. The cab windshield will be bonded to the aluminum windshield frame using a urethane adhesive. A custom frit pattern will be applied on the outside perimeter of the windshield for a finished automotive appearance.



WINDSHIELD WIPERS

Three (3) electric windshield wipers with washer will be provided that meet FMVSS and SAE requirements.



The washer reservoir will be able to be filled without raising the cab.



[Washer Reservoir Location]

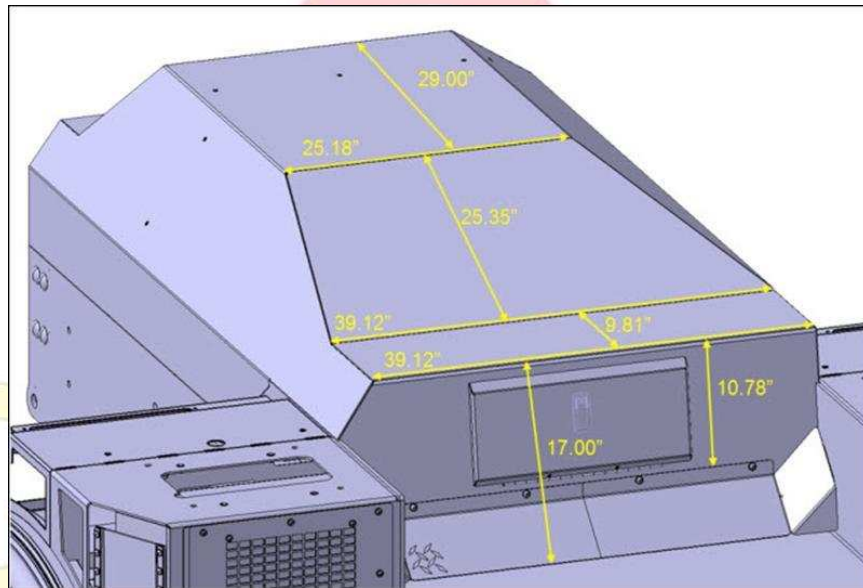
City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

ENGINE TUNNEL

Engine hood side walls will be constructed of 0.375" aluminum. The top will be constructed of 0.125" aluminum and will be tapered at the top to allow for more driver and passenger elbow room.

The engine hood will be insulated for protection from heat and sound. The noise insulation keeps the dba level within the limits stated in the current NFPA 1901 standards.

The engine tunnel will be no higher than 17.00" off the crew cab floor.



INTERIOR CREW CAB REAR WALL ADJUSTABLE SEATING (PATENT PENDING)

The interior rear wall of the crew cab will have mounting holes every 2.75" to allow for adjustability of the forward facing crew cab seating along the rear wall. Seats will be adjustable with use of simple hand tools allowing departments flexibility of their seating arrangement should their department needs change.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)



CAB REAR WALL EXTERIOR COVERING

The exterior surface of the rear wall of the cab will be overlaid with bright aluminum treadplate except for areas that are not typically visible when the cab is lowered.

CAB LIFT

A hydraulic cab lift system will be provided consisting of an electric powered hydraulic pump, dual lift cylinders, and necessary hoses and valves.

Hydraulic pump will have a manual override for backup in the event of electrical failure.

Lift controls will be located on the right side pump panel or front area of the body in a convenient location.

The cab will be capable of tilting 43 degrees to accommodate engine maintenance and removal.



City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The cab will be locked down by a 2-point normally closed spring loaded hook type latch that fully engages after the cab has been lowered. The system will be hydraulically actuated to release the normally closed locks when the cab lift control is in the raised position and cab lift system is under pressure. When the cab is completely lowered and system pressure has been relieved, the spring loaded latch mechanisms will return to the normally closed and locked position.

The hydraulic cylinders will be equipped with a velocity fuse that protects the cab from accidentally descending when the control is located in the tilt position.



For increased safety, a redundant mechanical stay arm will be provided that must be manually put in place on the left side between the chassis and cab frame when the cab is in the raised position. This device will be manually stowed to its original position before the cab can be lowered.

CAB LIFT INTERLOCK

The cab lift system will be interlocked to the parking brake. The cab tilt mechanism will be active only when the parking brake is set and the ignition switch is in the on position. If the parking brake is released, the cab tilt mechanism will be disabled.

GRILLE

A bright finished aluminum mesh grille screen, inserted behind a bright finished grille surround, will be provided on the front center of the cab.

TRIM BAND ON CAB FACE

A 10.00" band of 22 gauge patterned stainless steel trim will be installed across the front of the cab, from door hinge to door hinge. The trim band will be centered on the headlights and applied with two-sided tape. A 0.625" self-adhesive trim strip will be applied around the perimeter of the trim band.

MIRRORS

A Retractable, Model 613423, dual vision, motorized, west coast style mirror, with chrome finish, will be mounted on each side of the front cab door with spring loaded retractable arms. The flat glass and convex glass will be heated and adjustable with remote control within reach of the driver.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

DOORS

To enhance entry and egress to the cab, the forward cab door openings will be a minimum of 37.50" wide x 63.37" high. The crew cab doors will be located on the sides of the cab and will be constructed in the same manner as the forward cab doors. The crew cab door openings will be a minimum of 34.30" wide x 73.25" high.

The forward cab and crew cab doors will be constructed of extruded aluminum with a nominal material thickness of 0.093". The exterior door skins will be constructed from 0.090" aluminum.

A customized, vertical, pull-down type door handle will be provided on the exterior of each cab door. The exterior handle will be designed specifically for the fire service to prevent accidental activation, and will provide 4.00" wide x 2.00" deep hand clearance for ease of use with heavy gloved hands.



[Exterior Door Handle]

Each door will also be provided with an interior flush, open style paddle handle that will be readily operable from fore and aft positions, and be designed to prevent accidental activation. The interior handles will provide 4.00" wide x 1.25" deep hand clearance for ease of use with heavy gloved hands.



[Interior Door Handle]

The cab doors will be provided with both interior (rotary knob) and exterior (keyed) locks exceeding FMVSS standards. The keys will be Model 751. The locks will be capable of activating when the doors are open or closed.

The doors will remain locked if locks are activated when the doors are opened, then closed.

A full length, heavy duty, stainless steel, piano-type hinge with a 0.38" pin and 11 gauge leaf will be provided on all cab doors. There will be double automotive-type rubber seals around the perimeter of the door framing and door edges to ensure a weather-tight fit.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

A chrome grab handle will be provided on the inside of each cab door for ease of entry.

The bottom cab step at each cab door location will be located below the cab doors and will be exposed to the exterior of the cab.

DOOR PANELS

The inner cab door panels will be constructed out of brushed stainless steel.

ELECTRIC OPERATED CAB DOOR WINDOWS

All four (4) cab doors will be equipped with electric operated windows with one (1) flush mounted automotive style switch on each door. The driver's door will have four (4) switches, one (1) to control each door window.

Each switch will allow intermittent or auto down operation for ease of use. Auto down operation will be actuated by holding the window down switch for approximately 1 second.

CAB STEPS

The forward cab and crew cab access steps will be a full size two (2) step design to provide largest possible stepping surfaces for safe ingress and egress. The bottom steps will be designed with a grip pattern punched into bright aluminum treadplate material to provide support, slip resistance, and drainage. The bottom steps will be a bolt-in design to minimize repair costs should they need to be replaced. The forward cab steps will be a minimum 25.00" wide, and the crew cab steps will be 21.65" wide with a 10.00" minimum depth.

The inside cab steps will not exceed 16.50" in height. A slip-resistant handrail will be provided adjacent to each cab door opening to assist during cab ingress and egress.

The vertical surfaces of the step well will be aluminum treadplate.

STEP LIGHTS

There shall be six (6) white LED step lights installed for cab and crew cab access steps.

- One (1) light for the driver's access steps.
- Two (2) lights for the driver's side crew cab access steps.
- Two (2) lights for the passenger's side crew cab access steps.
- One (1) light for the passenger's side access step.



City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

In order to ensure exceptional illumination, each light shall provide a minimum of 25 foot-candles (fc) covering an entire 15" x 15" square placed ten (10) inches below the light and a minimum of 1.5 fc covering an entire 30" x 30" square at the same ten (10) inch distance below the light.

The lights shall be activated when the battery switch is on and the adjacent door is opened.

FENDER CROWNS

Stainless steel fender crowns will be installed at the cab wheel openings.

GRAB HANDLES/STRAP (INTERIOR CREW CAB)

There will be two (2) straps attached to the crew cab roof. Each strap will be located in front of and to the right of each crew cab forward facing seat. These straps will be furnished with a loop that is large enough to fit a gloved hand through.

HANDRAILS BELOW CAB WINDSHIELD

A 10.00" long x 1.25" diameter handrail will be mounted below the front cab windshield, one (1) on each side. The handrails will be extruded aluminum with a ribbed design to provide a positive gripping surface.

CUP HOLDER

There will be four (4) cup holder(s) provided. Each cup holder will have self-adjusting fingers that automatically grip beverage containers of various sizes. A recess in the cup holder will allow it to hold beverage containers with handles.

The cup holder(s) will be located at the final inspection.

GLOVE BOX

A glove box with a drop-down door will be installed above the recessed area of the dash panel in front of the officer's position. The glove box will be approximately 31.00" wide at the top x 5.50" high x 6.25" deep.

MOUNTING PLATE ON ENGINE TUNNEL

Equipment installation provisions will be installed on the engine tunnel.

A .25" smooth aluminum plate will be bolted to the top surface of the engine tunnel. The plate will follow the contour of the engine tunnel and will run the entire length of the engine tunnel. The plate will be spaced off the engine tunnel 1.00" to allow for wire routing below the plate.

The mounting surface will be painted to match the cab interior.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

CAB INTERIOR

The cab interior will be constructed of primarily metal (painted aluminum) to withstand the severe duty cycles of the fire service.

The officer side dash will be a flat faced design to provide easy maintenance and will be constructed out of painted aluminum.

The instrument cluster will be surrounded with a high impact ABS plastic contoured to the same shape of the instrument cluster.

The engine tunnel will be padded and covered, on the top and sides, with dark silver gray 46 ounce leather grain vinyl resistant to oil, grease, and mildew.

The headliner will be installed in both forward and rear cab sections. Headliner material will be vinyl. A sound barrier will be part of its composition. Material will be installed on aluminum sheet and securely fastened to interior cab ceiling.

Forward portion of cab headliner will permit easy access for service of electrical wiring or other maintenance needs.

All wiring will be placed in metal raceways.



[Interior Cab Wire Raceways]

CAB INTERIOR UPHOLSTERY

The cab interior upholstery will be dark silver gray.

CAB INTERIOR PAINT

A rich looking interior will be provided by painting all the metal surfaces inside the cab fire smoke gray, vinyl texture paint.

CAB FLOOR

The cab and crew cab floor areas will be covered with Polydamp™ acoustical floor mat consisting of a black pyramid rubber facing and closed cell foam de-coupler.

The top surface of the material has a series of raised pyramid shapes evenly spaced, which offer a superior grip surface. Additionally, the material has a 0.25" thick closed cell foam (no water absorption) which offers a sound dampening material for reducing sound levels.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

CAB DEFROSTER

To provide maximum defrost and heating performance, a 43,500 BTU heater-defroster unit with 350 CFM of air flow will be provided inside the cab. The defroster unit will be strategically located under the center forward portion of the vacuum formed instrument panel. For easy access, a removable vacuum formed cover will be installed over the defroster unit. The defroster will include an integral aluminum frame air filter, high performance dual scroll blowers, and ducts designed to provide maximum defrosting capabilities for the 1-piece windshield. The defroster ventilation will be built into the design of the cab dash instrument panel and will be easily removable for maintenance. The defroster will be capable of clearing 98 percent of the windshield and side glass when tested under conditions where the cab has been cold soaked at 0 degrees Fahrenheit for 10 hours, and a 2 ounce per square inch layer of frost/ice has been able to build up on the exterior windshield. The defroster system will meet or exceed SAE J382 requirements.

CAB/CREW CAB HEATER

Two (2) 44,180 BTU auxiliary heaters with 276 CFM (each unit) of air flow will be provided inside the crew cab, one (1) in each outboard rear-facing seat riser. The heaters will include high performance dual scroll blowers, one (1) for each unit. Outlets for the heaters will be located below each rear facing seat riser and below the fronts of the driver and passenger seats, for efficient airflow. An extruded aluminum plenum will be incorporated in the cab structure that will transfer heat to the forward cab seating positions.



The heater/defroster and crew cab heaters will be controlled by a single integral electronic control panel. The heater control panel will allow the driver to control heat flow to the front and rear simultaneously. The control panel will include variable adjustment for temperature and fan control, and be conveniently located on the dash in clear view of the driver. The control panel will include highly visible, progressive LED indicators for both fan speed and temperature.



AIR CONDITIONING

A high performance, customized air conditioning system will be furnished inside the cab and crew cab.

The air conditioning system will be capable of cooling the average cab temperature from 100 degrees Fahrenheit to 75 degrees Fahrenheit within 30 minutes at 50 percent relative humidity. The cooling performance test will be run only after the cab has been heat soaked at 100 degrees Fahrenheit for a minimum of 4 hours.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

A radiator mounted condenser with a 59,644 BTU output that meets and exceed the performance specification will be installed. Mounting the condenser below the cab or body would reduce the performance of the system and will not be acceptable.

One (1) evaporator unit will be installed in the center roof with two (2) cores, one (1) for the cab and one (1) for the crew cab. The evaporator unit will have an adequate BTU rating to meet the performance specifications.

Adjustable air outlets will be strategically located on the evaporator cover per the following:

- Four (4) will be directed towards the driver's location
- Four (4) will be directed towards the officer's location
- Seven (7) will be directed towards the crew cab area



The air conditioner refrigerant will be R-134A and will be installed by a certified technician.

The air conditioner will be controlled by a single electronic control panel. For ease of operation, the control panel will include variable adjustment for temperature and fan control and be conveniently located on the dash in clear view of the driver.



SUN VISORS

Two (2) smoked Lexan™ sun visors provided. The sun visors will be located above the windshield with one (1) mounted on each side of the cab.

There will be a polished stainless steel bracket provided to help secure each sun visor in the stowed position.

GRAB HANDLE

A black rubber covered grab handle will be mounted on the door post of the driver and officer's side cab door to assist in entering the cab. The officer's side grab handle will be mounted on the lower portion of the door post. The grab handle will be securely mounted to the post area between the door and windshield.

ENGINE COMPARTMENT LIGHT

An engine compartment light will be installed under the engine hood, of which the switch is an integral part. Light will have a .125" diameter hole in its lens to prevent moisture retention.

ACCESS TO ENGINE DIPSTICKS

For access to the engine oil and transmission fluid dipsticks, there will be a door on the engine tunnel, inside the crew cab. The door will be on the rear wall of the engine tunnel, on the vertical surface.

The engine oil dipstick will allow for checking only. The transmission dipstick will allow for both checking and filling.

The door will have a rubber seal for thermal and acoustic insulation. One (1) flush latch will be provided on the access door.



MAP BOX

A map box with five (5) bins, open at the top, will be installed in a location to be determined at the construction review inspection. Each bin will be 12.50" wide x 3.00" high x 12.00" deep and will slant 30 degrees from horizontal. The map box will be constructed of .125" aluminum and will be painted to match the cab interior.

CAB SAFETY SYSTEM

The cab will be provided with a safety system designed to protect occupants in the event of a side roll or frontal impact, and will include the following:

- A supplemental restraint system (SRS) sensor will be installed on a structural cab member behind the instrument panel. The SRS sensor will perform real time diagnostics of all critical subsystems and will record sensory inputs immediately before and during a side roll or frontal impact event.
- A slave SRS sensor will be installed in the cab to provide capacity for eight (8) crew cab seating positions.
- A fault-indicating light will be provided on the vehicle's instrument panel allowing the driver to monitor the operational status of the SRS system.
- A driver side front air bag will be mounted in the steering wheel and will be designed to protect the head and upper torso of the occupant, when used in combination with the 3-point seat belt.
- A passenger side knee bolster air bag will be mounted in the modesty panel below the dash panel and will be designed to protect the legs of the occupant, when used in combination with the 3-point seat belt.
- Air curtains will be provided in the outboard bolster of outboard seat backs to provide a cushion between occupant and the cab wall.
- Suspension seats will be provided with devices to retract them to the lowest travel position during a side roll or frontal impact event.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

- Seat belts will be provided with pre-tensioners to remove slack from the seat belt during a side roll or frontal impact event.

FRONTAL IMPACT PROTECTION

The SRS system will provide protection during a frontal or oblique impact event. The system will activate when the vehicle decelerates at a predetermined G force known to cause injury to the occupants. The cab and chassis will have been subjected, via third party test facility, to a crash impact during frontal and oblique impact testing. Testing included all major chassis and cab components such as mounting straps for fuel and air tanks, suspension mounts, front suspension components, rear suspensions components, frame rail cross members, engine and transmission and their mounts, pump house and mounts, frame extensions and body mounts. The testing provided configuration specific information used to optimize the timing for firing the safety restraint system. The sensor will activate the pyrotechnic devices when the correct crash algorithm, wave form, is detected.

The SRS system will deploy the following components in the event of a frontal or oblique impact event:

- Driver side front air bag
- Passenger side knee bolster air bag
- Air curtains mounted in the outboard bolster of outboard seat backs
- Suspension seats will be retracted to the lowest travel position
- Seat belts will be pre-tensioned to firmly hold the occupant in place

SIDE ROLL PROTECTION

The SRS system will provide protection during a fast or slow 90 degree roll to the side, in which the vehicle comes to rest on its side. The system will analyze the vehicle's angle and rate of roll to determine the optimal activation of the advanced occupant restraints.

The SRS system will deploy the following components in the event of a side roll:

- Air curtains mounted in the outboard bolster of outboard seat backs
- Suspension seats will be retracted to the lowest travel position
- Seat belts will be pre-tensioned to firmly hold the occupant in place

SEATING CAPACITY

The seating capacity in the cab will be four (4).

DRIVER SEAT

A seat will be provided in the cab for the driver. The seat design will be a cam action type, with air suspension. For increased convenience, the seat will include a manual control to adjust the horizontal position (6.00" travel). The manual horizontal control will be a towel-bar style located below the forward part of the seat cushion. To provide flexibility for multiple driver configurations, the seat will have an adjustable reclining back. The seat back will be a high back style with side bolster pads for maximum support. For optimal comfort, the seat will be provided with 17.00" deep foam cushions designed with EVC (elastomeric vibration control).

The seat will include the following features incorporated into the side roll protection system:

- Side air curtain will be mounted integral to the outboard bolster of the seat back. The air curtain will be covered by a decorative panel when in the stowed position.
- A suspension seat safety system will be included. When activated in the event of a side roll, this system will pretension the seat belt and retract the seat to its lowest travel position.

The seat will be furnished with a 3-point, shoulder type seat belt.

OFFICER SEAT

A seat will be provided in the cab for the passenger. The seat will be a cam action type, with air suspension. For optimal comfort, the seat will be provided with 17.00" deep foam cushions designed with EVC (elastomeric vibration control).

The seat back will be an SCBA back style with 5 degree fixed recline angle. The SCBA cavity will be adjustable from front to rear in 1.00" increments, to accommodate different sized SCBA cylinders. Moving the SCBA cavity will be accomplished by unbolting, relocating, and re-bolting it in the desired location.

The seat will include the following features incorporated into the side roll protection system:

- Side air curtain will be mounted integral to the outboard bolster of the seat back. The air curtain will be covered by a decorative panel when in the stowed position.
- A suspension seat safety system will be included. When activated, this system will pretension the seat belt and then retract the seat to its lowest travel position.

The seat will be furnished with a 3-point, shoulder type seat belt.

REAR FACING LEFT SIDE EMS CABINET

A rear facing cabinet will be provided in the crew cab at the left side outboard position.

The cabinet will be 23.00" wide x 39.00" high x 26.75" deep with one (1) Gortite rollup door with anodized finish, locking with #751 key. The frame to frame opening of the cabinet will be 18.50" wide x 33.00" high. The minimum clear door opening will be 15.75" wide x 27.12" high.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The cabinet will also provide access from outside the cab with one (1) double pan door painted to match the cab exterior with a locking D-ring latch with #751 key. A pneumatic stay arm will be provided as a door stop. The door will be located on the side of the cab over the wheelwell.

The cabinet will include no adjustable shelves or trays in the cabinet interior.

The cabinet will include no louvers.

The cabinet will be constructed of smooth aluminum and painted to match the cab interior.

Cabinet Light

There will be one (1) white LED strip light installed on the right side of the exterior cabinet door opening. The lights will be controlled by an automatic door switch.

REAR FACING RIGHT SIDE EMS CABINET

A rear facing cabinet will be provided in the crew cab at the right side outboard position.

The cabinet will be 22.00" wide x 39.00" high x 26.75" deep with one (1) Gortite rollup door with satin finish, locking with #751 key. The frame to frame opening of the cabinet will be 17.50" wide x 33.00" high. The minimum clear door opening will be 14.75" wide x 27.12" high.

The cabinet will also provide access from outside the cab with one (1) double pan door painted to match the cab exterior with a locking D-ring latch with #751 key. A pneumatic stay arm will be provided as a door stop. The door will be located on the side of the cab over the wheelwell.

The cabinet will include no adjustable shelves or trays in the cabinet interior.

The cabinet will include no louvers.

The cabinet will be constructed of smooth aluminum and painted to match the cab interior.

Cabinet Light

There will be one (1) white LED strip light installed on the left side of the exterior cabinet door opening. The lights will be controlled by an automatic door switch.

FORWARD FACING CENTER SEATS

There will be two (2) forward facing seats provided at the center position in the crew cab. For optimal comfort, the seats will be provided with 15.00" deep foam cushions designed with EVC (elastomeric vibration control).

The seat backs will be an SCBA style with 90 degree back. The SCBA cavity will be adjustable from front to rear in 1.00" increments to accommodate different sized SCBA cylinders. Moving the SCBA cavity will be accomplished by unbolting, relocating, and re-bolting it in the desired location.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The seat will include the following features incorporated into the side roll protection system:

- A seat safety system will be included. When activated, this system will pretension the seat belt.

The seats will be furnished with a 3-point, shoulder type seat belt.

MATTING IN EMS COMPARTMENT

Vinyl grating will be provided in two (2) EMS compartments, one (1) on the driver's side and one (1) on the passenger side. Tile color will be black.

The vinyl grating will be 0.50" thick and be cross bonded by 0.25" diameter ribbed sections spaced for aeration. The trim edge will not be installed at the edge of the tile.

REAR FACING OVERHEAD STORAGE COMPARTMENT

There will be two (2) overhead rear facing storage compartments installed at the raised roof within the crew cab, on each side of the air conditioner. The compartments will be approximately 21.00" wide x 10.00" high x 20.00" deep at the bottom.

Each compartment will include one (1) lift up compartment door. Locking latch, paddle handle, and gas operated stay arms will be provided.

The compartment will be constructed of smooth aluminum and painted to match the cab interior.

Compartment Light

The storage compartment lighting will consist of one (1) white LED strip light installed horizontally above each compartment door opening.

SEAT UPHOLSTERY

All seat upholstery will be 46 ounce leather grain dark silver gray vinyl resistant to oil, grease and mildew. The cab will have four (4) seating positions.

AIR BOTTLE HOLDERS

All SCBA type seats in the cab will have a "Hands-Free" auto clamp style bracket in its backrest. For efficiency and convenience, the bracket will include an automatic spring clamp that allows the occupant to store the SCBA bottle by simply pushing it into the seat back. For protection of all occupants in the cab, in the event of an accident, the inertial components within the clamp will constrain the SCBA bottle in the seat and will exceed the NFPA standard of 9G. Bracket designs with manual restraints (belts, straps, buckles) that could be inadvertently left unlocked and allow the SCBA to move freely within the cab during an accident, will not be acceptable.

There will be a quantity of three (3) SCBA brackets.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Provided with the SCBA seats, will be backrest inserts which cover the SCBA cavity. The insert cover will be padded and covered with the same material as the seat. A total of three (3) inserts will be provided for the officers seat and the two (2) forward facing crew cab seats. The seat back insert is designed to support the firefighters back, with or without the SCBA bottle in place. The insert is held in place with two (2) elastic cords.

SEAT BELTS

All seating positions will have red seat belts. To provide quick, easy use for occupants wearing bunker gear, the female buckle and seat belt webbing length will meet or exceed the current edition of NFPA 1901 and CAN/ULC - S515 standards. The shoulder belt web length will be 120.00".

The 3-point shoulder type seat belts will include height adjustment. This adjustment will optimize the belts effectiveness and comfort for the seated firefighter. The 3-point shoulder type seat belts will be furnished with dual automatic retractors that shall provide ease of operation in the normal seating position.

The 3-point shoulder type belts will also include the ReadyReach D-loop assembly to the shoulder belt system. The ReadyReach feature adds an extender arm to the D-loop location placing the D-loop in a closer, easier to reach location.

To ensure safe operation, the seats will be equipped with seat belt sensors in the seat cushion and belt receptacle that shall activate an alarm indicating a seat is occupied but not buckled.

HELMET STORAGE PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2016 edition, section 14.1.7.4.1 requires a location for helmet storage be provided.

There is no helmet storage on the apparatus as manufactured. The fire department will provide a location for storage of helmets.

CAB DOME LIGHTS

There will be four (4) dual LED dome lights with black bezels provided. Two (2) lights will be mounted above the inside shoulder of the driver and officer and two (2) lights will be installed and located, one (1) on each side of the crew cab.

The color of the LED's will be red and white.

The white LED's will be controlled by the door switches and the lens switch.

The color LED's will be controlled by the lens switch.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

In order to ensure exceptional illumination, each white LED dome light will provide a minimum of 10.1 foot-candles (fc) covering an entire 20.00" x 20.00" square seating position when mounted 40.00" above the seat.

PORTABLE HAND LIGHTS, PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2016 edition, section 5.9.4 requires two portable hand lights mounted in brackets fastened to the apparatus.

The hand lights are not on the apparatus as manufactured. The fire department will provide and mount these hand lights.

CAB INSTRUMENTATION

The cab instrument panel will be a molded ABS panel and include gauges, an LCD display, telltale indicator lamps, control switches, alarms, and a diagnostic panel. The function of the instrument panel controls and switches will be identified by a label adjacent to each item. Actuation of the headlight switch will illuminate the labels in low light conditions. Telltale indicator lamps will not be illuminated unless necessary. The cab instruments and controls will be conveniently located within the forward cab section, forward of the driver. The gauge assembly and switch panels are designed to be removable for ease of service and low cost of ownership.

GAUGES

The gauge panel will include the following ten (10) ivory faced gauges with chrome bezels to monitor vehicle performance:

- Voltmeter gauge (volts):
 - Low volts (11.8 VDC)
 - Amber caution indicator on the information center with intermittent alarm
 - Amber caution light on gauge assembly
 - High volts (15.5 VDC)
 - Amber caution indicator on the information center with intermittent alarm
 - Amber caution light on gauge assembly
 - Very low volts (11.3 VDC)
 - Red warning indicator on the information center with a steady alarm
 - Amber caution light on gauge assembly
 - Very high volts (16.0 VDC)
 - Red warning indicator on the information center with a steady alarm
 - Amber caution light on gauge assembly
- Engine Tachometer (RPM)
- Speedometer MPH (Major Scale), KM/H (Minor Scale)

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

- Fuel level gauge (Empty - Full in fractions):
 - Low fuel (1/8 full)
 - Amber caution indicator on the information center with intermittent alarm
 - Amber caution light on gauge assembly
 - Very low fuel (1/32 full)
 - Red caution indicator on the information center with steady alarm
 - Amber caution light on gauge assembly
- Engine Oil pressure Gauge (PSI):
 - Low oil pressure to activate engine warning lights and alarms
 - Red caution indicator on the information center with steady alarm
 - Amber caution light on gauge assembly
- Front Air Pressure Gauges (PSI):
 - Low air pressure to activate warning lights and alarm
 - Red warning indicator on the information center with a steady alarm
 - Amber caution light on gauge assembly
- Rear Air Pressure Gauges (PSI):
 - Low air pressure to activate warning lights and alarm
 - Red warning indicator on the information center with a steady alarm
 - Amber caution light on gauge assembly
- Transmission Oil Temperature Gauge (Fahrenheit):
 - High transmission oil temperature activates warning lights and alarm
 - Amber caution indicator on the information center with intermittent alarm
 - Amber caution light on gauge assembly
- Engine Coolant Temperature Gauge (Fahrenheit):
 - High engine temperature activates an engine warning light and alarms
 - Amber caution indicator on the information center with intermittent alarm
 - Amber caution light on gauge assembly
- Diesel Exhaust Fluid Level Gauge (Empty - Full in fractions):
 - Low fluid (1/8 full)
 - Amber indicator light in gauge dial

All gauges will perform prove out at initial power-up to ensure proper performance.

INDICATOR LAMPS

To promote safety, the following telltale indicator lamps will be located on the instrument panel in clear view of the driver. The indicator lamps will be "dead-front" design that is only visible when active. The colored indicator lights will have descriptive text or symbols.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The following amber telltale lamps will be present:

- Low coolant
- Traction control
- Check engine
- Check trans (check transmission)
- Aux brake overheat (Auxiliary brake overheat)
- Air rest (air restriction)
- Caution (triangle symbol)
- Water in fuel
- DPF (engine diesel particulate filter regeneration)
- Wait to start (where applicable)
- HET (engine high exhaust temperature) (where applicable)
- ABS (antilock brake system)
- MIL (engine emissions system malfunction indicator lamp) (where applicable)
- Side roll fault (where applicable)
- Front air bag fault (where applicable)

The following red telltale lamps will be present:

- Warning (stop sign symbol)
- Seat belt
- Parking brake
- Stop engine
- Rack down

The following green telltale lamps will be provided:

- Left turn
- Right turn
- Battery on

The following blue telltale lamp will be provided:

- High beam

ALARMS

Audible steady tone warning alarm: A steady audible tone alarm will be provided whenever a warning message is present.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Audible pulsing tone caution alarm: A pulsing audible tone alarm (chime/chirp) will be provided whenever a caution message is present without a warning message being present.

Alarm silence: Any active audible alarm will be able to be silenced by holding the ignition switch at the top position for three (3) to five (5) seconds. For improved safety, silenced audible alarms will intermittently chirp every 30 seconds until the alarm condition no longer exists. The intermittent chirp will act as a reminder to the operator that a caution or warning condition still exists. Any new warning or caution condition will enable the steady or pulsing tones respectively.

INDICATOR LAMP AND ALARM PROVE-OUT

A system will be provided which automatically tests telltale indicator lights and alarms located on the cab instrument panel. Telltale indicators and alarms will perform prove-out at initial power-up to ensure proper performance.

CONTROL SWITCHES

For ease of use, the following controls will be provided immediately adjacent to the cab instrument panel within easy reach of the driver. All switches will have backlit labels for low light applications.

Headlight/Parking light switch: A three (3)-position maintained rocker switch will be provided. The first switch position will deactivate all parking and headlights. The second switch position will activate the parking lights. The third switch will activate the headlights.

Panel back lighting intensity control switch: A three (3)-position momentary rocker switch will be provided. Pressing the top half of the switch, "Panel Up" increases the panel back lighting intensity and pressing the bottom half of the switch, "Panel Down" decreases the panel back lighting intensity. Pressing the half or bottom half of the switch several times will allow back lighting intensity to be gradually varied from minimum to maximum intensity level for ease of use.

Ignition switch: A three (3)-position maintained/momentary rocker switch will be provided. The first switch position will turn off and deactivate vehicle ignition. The second switch position will activate vehicle ignition and will perform prove-out on the telltale indicators and alarms for 3 to 5 seconds after the switch is turned on. A green indicator lamp is activated with vehicle ignition. The third momentary position will temporarily silence all active cab alarms. An alarm "chirp" may continue as long as alarm condition exists. Switching ignition to off position will terminate the alarm silence feature and reset function of cab alarm system.

Engine start switch: A two (2)-position momentary rocker switch will be provided. The first switch position is the default switch position. The second switch position will activate the vehicle's engine. The switch actuator is designed to prevent accidental activation.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Hazard switch will be provided on the instrument panel or on the steering column.

Heater, defroster, and optional air conditioning control panel: A control panel with membrane switches will be provided to control heater/defroster temperature and heater, defroster, and air conditioning fan speeds. A green LED status bar will indicate the relative temperature and fan speed settings.

Turn signal arm: A self-canceling turn signal with high beam headlight and windshield wiper/washer controls will be provided. The windshield wiper control will have high, low, and intermittent modes.

Parking brake control: An air actuated push/pull park brake control valve will be provided.

Chassis horn control: Activation of the chassis horn control will be provided through the center of the steering wheel.

Chassis horn control: Activation of the chassis horn control will be provided through the center of the steering wheel.

High idle engagement switch: A momentary rocker switch with integral indicator lamp will be provided. The switch will activate and deactivate the high idle function. The "OK To Engage High Idle" indicator lamp must be active for the high idle function to engage. A green indicator lamp integral to the high idle engagement switch will indicate when the high idle function is engaged.

"OK To Engage High Idle" indicator lamp: A green indicator light will be provided next to the high idle activation switch to indicate that the interlocks have been met to allow high idle engagement.

Emergency switching will be controlled by multiple individual warning light switches for various groups or areas of emergency warning lights. An Emergency Master switch provided on the instrument panel that enables or disables all individual warning light switches is included.

An additional "Emergency Master" button will be provided on the lower left hand corner of the gauge panel to allow convenient control of the "Emergency Master" system from inside the driver's door when standing on the ground.

CUSTOM SWITCH PANELS

The design of cab instrumentation will allow for emergency lighting and other switches to be placed within easy reach of the operator thus improving safety. There will be positions for up to four (4) switch panels in the lower instrument console and up to six (6) switch panels in the overhead visor console. All switches have backlit labels for low light conditions.

DIAGNOSTIC PANEL

A diagnostic panel will be accessible while standing on the ground and located inside the driver's side door left of the steering column. The diagnostic panel will allow diagnostic tools such as computers to connect to various vehicle systems for improved troubleshooting providing a lower cost of ownership. Diagnostic switches will allow ABS systems to provide blink codes should a problem exist.

The diagnostic panel will include the following:

- Engine diagnostic port
- Transmission diagnostic port
- ABS diagnostic port
- Roll sensor diagnostic port
- Command Zone USB diagnostic port
- ABS diagnostic switch (blink codes flashed on ABS telltale indicator)
- Diesel particulate filter regeneration switch (where applicable)
- Diesel particulate filter regeneration inhibit switch (where applicable)

CAB LCD DISPLAY

A digital four (4)-row by 20-character dot matrix display will be integral to the gauge panel. The display will be capable of showing simple graphical images as well as text. The display will be split into three (3) sections. Each section will have a dedicated function. The upper left section will display the outside ambient temperature.

The upper right section will display the following, along with other configuration specific information:

- Odometer
- Trip mileage
- PTO hours
- Fuel consumption
- Engine hours

The bottom section will display INFO, CAUTION, and WARNING messages. Text messages will automatically activate to describe the cause of an audible caution or warning alarm. The LCD will be capable of displaying multiple text messages should more than one caution or warning condition exist.

AIR RESTRICTION INDICATOR

A high air restriction warning indicator light LCD message with amber warning indicator and audible alarm shall be provided.

"DO NOT MOVE APPARATUS" INDICATOR

A flashing red indicator light, located in the driving compartment, will be illuminated automatically per the current NFPA requirements. The light will be labeled "Do Not Move Apparatus If Light Is On."

The same circuit that activates the "Do Not Move Apparatus" indicator will activate a pulsing alarm when the parking brake is released.

DO NOT MOVE TRUCK MESSAGES

Messages will be displayed on the Command Zone™, color display located within sight of the driver whenever the "Do Not Move Truck" light is active. The messages will designate the item or items not in the stowed for vehicle travel position (parking brake disengaged).

The following messages will be displayed (where applicable):

- Do Not Move Truck
- DS Cab Door Open (Driver Side Cab Door Open)
- PS Cab Door Open (Passenger's Side Cab Door Open)
- DS Crew Cab Door Open (Driver Side Crew Cab Door Open)
- PS Crew Cab Door Open (Passenger's Side Crew Cab Door Open)
- DS Body Door Open (Driver Side Body Door Open)
- PS Body Door Open (Passenger's Side Body Door Open)
- Rear Body Door Open
- PS Ladder Rack Down (Passenger Side Ladder Rack Down)
- Deck Gun Not Stowed
- Steps Not Stowed
- Handrail Not Stowed

Any other device that is opened, extended, or deployed that creates a hazard or is likely to cause major damage to the apparatus if the apparatus is moved will be displayed as a caution message after the parking brake is disengaged.

SWITCH PANELS

The emergency light switch panel shall have a master switch for ease of use plus individual switches for selective control. Each switch panel shall contain eight (8) membrane-type switches each rated for one million (1,000,000) cycles. Panels containing less than eight (8) switch assignments shall include non-functioning black appliques. The built-in switch panels shall be located in the lower console or overhead console of the cab.

Additional switch panel(s) will be located in the overhead position(s) above the windshield or in designated locations on the lower instrument panel layout.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The switches shall be membrane-type and also act as an integral indicator light. For quick, visual indication the entire surface of the switch shall be illuminated white whenever back lighting is activated and illuminated green whenever the switch is active. An active illuminated switch shall flash when interlock requirements are not met or device is actively being load managed. For ease of use, a two (2)-ply, scratch resistant laser engraved Gravoply label indicating the use of each switch shall be placed in the center of the switch. The label shall allow light to pass through the letters for ease of use in low light conditions.

WIPER CONTROL

Wiper control will consist of a two (2)-speed windshield wiper control with intermittent feature and windshield washer controls.

SPARE CIRCUIT

There will be three (3) pair of wires, including a positive and a negative, installed on the apparatus.

The above wires will have the following features:

- The positive wire will be connected directly to the battery power.
- The negative wire will be connected to ground.
- Wires will be protected to 2.5 amps at 12 volts DC.
- Power and ground will terminate to be determined at the pre-construction conference.
- Termination will be a Blue Sea Systems part number 1016 dual USB charger socket.
- Wires will be sized to 125% of the protection.

This circuit(s) may be load managed when the parking brake is applied.

SPARE CIRCUIT

There will be one (1) pair of wires, including a positive and a negative, installed on the apparatus.

The above wires will have the following features:

- The positive wire will be connected directly to the battery power.
- The negative wire will be connected to ground.
- Wires will be protected to 30 amps at 12 volts DC.
- Power and ground will terminate to be determined at the pre-construction conference.
- Termination will be to a Blue Sea System, Model 5025, 6 circuit with negative bus bar. The terminal block will include a cover with circuit labels.
- Wires will be sized to 125% of the protection.

This circuit(s) may be load managed when the parking brake is set.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

SPARE CIRCUIT

There will be three (3) pair of wires, including a positive and a negative, installed on the apparatus.

The above wires will have the following features:

- The positive wire will be connected directly to the battery power
- The negative wire will be connected to ground
- Wires will be protected to 15 amps at 12 volts DC
- Power and ground will terminate on the officer's side of the engine tunnel, on the driver's side of the engine tunnel and on the rear wall of the crew cab, centered
- Termination will be with 15 amp, power point plug with rubber cover
- Wires will be sized to 125 percent of the protection

The circuit(s) may be load managed when the parking brake is set.

SPARE CIRCUIT

There will be one (1) pair of wires, including a positive and a negative, installed on the apparatus.

The above wires will have the following features:

- The positive wire will be connected directly to the battery power.
- The negative wire will be connected to ground.
- Wires will be protected to 30 amps at 12 volts DC.
- Power and ground will terminate behind the officers seat, on the exterior front wall of the EMS cabinet, next the engine tunnel and at the same height.
- Termination will be to a Blue Sea System, Model 5025, 6 circuit with negative bus bar. The terminal block will include a cover with circuit labels.
- Wires will be sized to 125% of the protection.

This circuit(s) may be load managed when the parking brake is set.

RADIO WITH CD PLAYER

There will be a Panasonic™, AM/FM/Weather Band stereo radio with compact disc player and auxiliary input jack installed.

The compact disc stereo radio will be mounted within reach of the officer.

The quantity and location of the speakers will be one (1) pair of 5.25" speakers in the cab and one (1) pair of 5.25" speakers in the crew cab.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The type and location of the antenna will be a roof-mounted rubber antenna located in an open space, on the cab roof.

INFORMATION CENTER

An information center employing a 7.00" diagonal touch screen color LCD display will be encased in an ABS plastic housing.

The information center will have the following specifications:

- Operate in temperatures from -40 to 185 degrees Fahrenheit
- An Optical Gel will be placed between the LCD and protective lens
- Five weather resistant user interface switches
- Grey with black accents
- Sunlight Readable
- Linux operating system
- Minimum of 1000nits rated display
- Display can be changed to an available foreign language
- A LCD display integral to the cab gauge panel will be included as outlined in the cab instrumentation area.
- Programmed to read US Customary

GENERAL SCREEN DESIGN

Where possible, background colors will be used to provide "At a Glance" vehicle information. If information provided on a screen is within acceptable limits, a green background will be used.

If a caution or warning situation arises the following will occur:

- An amber background/text color will indicate a caution condition
- A red background/text color will indicate a warning condition
- The information center will utilize an "Alert Center" to display text messages for audible alarm tones. The text messages will be written to identify the item(s) causing the audible alarm to sound. If more than one (1) text message occurs, the messages will cycle every second until the problem(s) have been resolved. The background color for the "Alert Center" will change to indicate the severity of the "warning" message. If a warning and a caution condition occur simultaneously, the red background color will be shown for all alert center messages.
- A label for each button will exist. The label will indicate the function for each active button for each screen. Buttons that are not utilized on specific screens will have a button label with no text or symbol.

HOME/TRANSIT SCREEN

This screen will display the following:

- Vehicle Mitigation (if equipped)
- Water Level (if equipped)
- Foam Level (if equipped)
- Seat Belt Monitoring Screen
- Tire Pressure Monitoring (if equipped)
- Digital Speedometer
- Active Alarms

ON SCENE SCREEN

This screen will display the following and will be auto activated with pump engaged (if equipped):

- Battery Voltage
- Fuel
- Oil Pressure
- Coolant Temperature
- RPM
- Water Level (if equipped)
- Foam Level (if equipped)
- Foam Concentration (if equipped)
- Water Flow Rate (if equipped)
- Water Used (if equipped)
- Active Alarms

VIRTUAL BUTTONS

There will be four (4) virtual switch panel screens that match the overhead and lower lighting and HVAC switch panels.

PAGE SCREEN

The page screen will display the following and allow the user to progress into other screens for further functionality:

- Diagnostics
 - Faults
 - Listed by order of occurrence
 - Allows to sort by system

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

- Interlock
 - Throttle Interlocks
 - Pump Interlocks (if equipped)
- Load Manager
 - A list of items to be load managed will be provided. The list will provide a description of the load.
 - The lower the priority numbers the earlier the device will be shed should a low voltage condition occur.
 - The screen will indicate if a load has been shed (disabled) or not shed.
 - "At a glance" color features are utilized on this screen.
- Systems
 - Command Zone
 - Module type and ID number
 - Module Version
 - Input or output number
 - Circuit number connected to that input or output
 - Status of the input or output
 - Power and Constant Current module diagnostic information
 - Foam (if equipped)
 - Pressure Controller (if equipped)
- Live Data
 - General Truck Data
- Maintenance
 - Engine oil and filter
 - Transmission oil and filter
 - Pump oil (if equipped)
 - Foam (if equipped)
- Setup
 - Clock Setup
 - Date & Time
 - 12 or 24 hour format
 - Set time and date
 - Backlight
 - Daytime
 - Night time
 - Sensitivity
 - Unit Selection
 - Home Screen
 - Virtual Button Setup

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

- On Scene Screen Setup
- Configure Video Mode
 - Set Video Contrast
 - Set Video Color
 - Set Video Tint
- Do Not Move
 - The screen will indicate the approximate location and type of item that is open or is not stowed for travel. The actual status of the following devices will be indicate
 - Driver Side Cab Door
 - Passenger's Side Cab Door
 - Driver Side Crew Cab Door
 - Passenger's Side Crew Cab Door
 - Driver Side Body Doors
 - Passenger's Side Body Doors
 - Rear Body Door(s)
 - Ladder Rack (if applicable)
 - Deck Gun (if applicable)
 - Hatch Door (if applicable)
 - Steps (if applicable)
- Notifications
 - View Active Alarms
 - Shows a list of all active alarms including date and time of the occurrence is shown with each alarm
 - Silence Alarms - All alarms are silenced
- Timer Screen
- HVAC (if equipped)
- Tire Information (if equipped)

Button functions and button labels may change with each screen.

VEHICLE DATA RECORDER

There will be a vehicle data recorder (VDR) capable of reading and storing vehicle information provided.

The information stored on the VDR can be downloaded through a USB port mounted in a convenient location determined by cab model. A USB cable can be used to connect the VDR to a laptop to retrieve required information. The program to download the information from the VDR will be available to download on-line.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The vehicle data recorder will be capable of recording the following data via hardwired and/or CAN inputs:

- Vehicle Speed - MPH
- Acceleration - MPH/sec
- Deceleration - MPH/sec
- Engine Speed - RPM
- Engine Throttle Position - % of Full Throttle
- ABS Event - On/Off
- Seat Occupied Status - Yes/No by Position
- Seat Belt Buckled Status - Yes/No by Position
- Master Optical Warning Device Switch - On/Off
- Time - 24 Hour Time
- Date - Year/Month/Day

SEAT BELT MONITORING SYSTEM

A seat belt monitoring system (SBMS) will be provided on the Command Zone™ color display. The SBMS will be capable of monitoring up to 10 seating positions indicating the status of each seat position per the following:

- Seat Occupied & Buckled = Green LED indicator illuminated
- Seat Occupied & Unbuckled = Red LED indicator with audible alarm
- No Occupant & Buckled = Red LED indicator with audible alarm
- No Occupant & Unbuckled = No indicator and no alarm

The seat belt monitoring screen will become active on the Command Zone color display when:

- The home screen is active:
 - and there is any occupant seated but not buckled or any belt buckled with an occupant.
 - and there are no other Do Not Move Apparatus conditions present. As soon as all Do Not Move Apparatus conditions are cleared, the SBMS will be activated.

The SBMS will include an audible alarm that will warn that an unbuckled occupant condition exists and the parking brake is released, or the transmission is not in park.

Vehicle Data Recordable Input

When the VDR is active, the seat belt monitoring system alarm will be silenced through the standard silence alarm switch. The alarm will chirp in intervals to remind the operator that an alarm is still sounding.

INTERCOM SYSTEM

A five (5) position David Clark intercom system with single radio interface capability at the driver and officer positions and remote radio "Push To Transmit" buttons located driver and officer will be provided. The pump operator will have a bulkhead fitting with weatherproof cap and radio interface belt station. Two (2) outboard crew cab positions will have radio listen / intercom only, at both forward facing seats.

The following components will be supplied with this system:

- One (1) U3805 Radio Cord Junction Module
- Two (2) U3815 Radio Interface Headset Stations
- Two (2) Remote PTT Kits
- One (1) U3800 Intercom Unit (1 outboard Crew)
- One (1) U3801 Headset Intercom Station (1 outboard Crew)
- One (1) C3820 Power Cable
- One (1) C3019 Belt Station with Radio PTT and Volume Control
- All necessary system cables and connectors

RADIO / INTERCOM INTERFACE INCLUDED

All radio interfaced stations will have universal radio interfaces installed. The interface wiring will be routed within the cab to behind the officers seat position and located on the inside cab wall so it will not interfere with equipment which may be stored in this area.

HEADSET HANGERS

There will be four (4) headset hanger(s) installed driver's seat, officer's seat, driver's side inboard forward facing seat and passenger's side inboard forward facing seat. The hanger(s) will meet NFPA 1901, Section 14.1.11 requirement for equipment mounting.

BRACKET, JOHNNY RAY

A Johnny Ray, Model JR-207, radio swivel bracket rated for 14 lbs. will be provided and installed on the engine tunnel mounting plate, as far forward as possible, centered. Mount will be for the customer provided two way radio.

RADIO ANTENNA MOUNT

There will be two (2) standard 1.125", 18 thread antenna-mounting base(s) installed one (1) on the driver's side and one (1) on the passenger side; behind the lightbar approximately 24"; each antenna mount to be approximately 12" in from the side edge of the cab roof with a high efficiency, low loss, coaxial cable(s) routed to the instrument panel area. A weatherproof cap will be installed on the mount.



VEHICLE CAMERA SYSTEM

There will be a color vehicle camera system provided with the following:

- One (1) camera located at the rear of the apparatus, pointing rearward, displayed automatically with the vehicle in reverse

The camera images will be displayed on the driver's Command Zone™, color display. Audio from the microphone on the active camera will be emitted by an amplified speaker with volume control in the blank panel to the left of the steering column.

The following components will be included:

- One (1) SV-CW134639CAI, camera
- One (1) amplified speaker (if applicable)
- All necessary cables

RECESS REAR CAMERA

A rear camera recess will be provided in the center at the rear.

ELECTRICAL POWER CONTROL SYSTEM

The primary power distribution will be located forward of the officer's seating position and be easily accessible while standing on the ground for simplified maintenance and troubleshooting. Additional electrical distribution centers will be provided throughout the vehicle to house the vehicle's electrical power, circuit protection, and control components. The electrical distribution centers will be located strategically throughout the vehicle to minimize wire length. For ease of maintenance, all electrical distribution centers will be easily accessible. All distribution centers containing fuses, circuit breakers and/or relays will be easily accessible.

Distribution centers located throughout the vehicle will contain battery powered studs for supplying customer installed equipment thus providing a lower cost of ownership.

Circuit protection devices, which conform to SAE standards, will be utilized to protect electrical circuits. All circuit protection devices will be rated per NFPA requirements to prevent wire and component damage when subjected to extreme current overload. General protection circuit breakers will be Type-I automatic reset (continuously resetting). When required, automotive type fuses will be utilized to protect electronic equipment. Control relays and solenoid will have a direct current rating of 125 percent of the maximum current for which the circuit is protected per NFPA.

SOLID-STATE CONTROL SYSTEM

A solid-state electronics based control system will be utilized to achieve advanced operation and control of the vehicle components. A fully computerized vehicle network will consist of electronic modules located near their point of use to reduce harness lengths and improve reliability. The control system will comply with SAE J1939-11 recommended practices.

The control system will operate as a master-slave system whereas the main control module instructs all other system components. The system will contain patented Mission Critical software that maintains critical vehicle operations in the unlikely event of a main controller error. The system will utilize a Real Time Operating System (RTOS) fully compliant with OSEK/VDX™ specifications providing a lower cost of ownership.

For increased reliability and simplified use the control system modules will include the following attributes:

- Green LED indicator light for module power
- Red LED indicator light for network communication stability status
- Control system self-test at activation and continually throughout vehicle operation
- No moving parts due to transistor logic
- Software logic control for NFPA mandated safety interlocks and indicators
- Integrated electrical system load management without additional components
- Integrated electrical load sequencing system without additional components
- Customized control software to the vehicle's configuration
- Factory and field re programmable to accommodate changes to the vehicle's operating parameters
- Complete operating and troubleshooting manuals
- USB connection to the main control module for advanced troubleshooting

To assure long life and operation in a broad range of environmental conditions, the solid-state control system modules will meet the following specifications:

- Module circuit board will meet SAE J771 specifications
- Operating temperature from -40C to +70C
- Storage temperature from -40C to +70C
- Vibration to 50g
- IP67 rated enclosure (Totally protected against dust and also protected against the effect of temporary immersion between 15 centimeters and one (1) meter)
- Operating voltage from eight (8) volts to 16 volts DC

The main controller will activate status indicators and audible alarms designed to provide warning of problems before they become critical.

CIRCUIT PROTECTION AND CONTROL DIAGRAM

Copies of all job-specific, computer network input and output (I/O) connections will be provided with each chassis. The sheets will indicate the function of each module connection point, circuit protection information (where applicable), wire numbers, wire colors and load management information.

ON-BOARD ELECTRICAL SYSTEM DIAGNOSTICS

Advanced on-board diagnostic messages will be provided to support rapid troubleshooting of the electrical power and control system. The diagnostic messages will be displayed on the information center located at the driver's position.

The on-board information center will include the following diagnostic information:

- Text description of active warning or caution alarms
- Simplified warning indicators
- Amber caution indication with intermittent alarm
- Red warning indication with steady tone alarm

PROGNOSTICS

A software based vehicle tool will be provided to predict remaining life of the vehicles critical fluid and events.

The system will send automatic indications to the Command Zone, color display and/or wireless enabled device to proactively alert of upcoming service intervals.

Prognostics will include:

- Engine oil and filter
- Transmission oil and filter
- Pump oil (if equipped)
- Foam oil (if equipped)

ADVANCED DIAGNOSTICS

An advanced, Windows-based, diagnostic software program will be provided for this control system. The software will provide troubleshooting tools to service technicians equipped with a Windows-based computer or wireless enabled device.

The service and maintenance software will be easy to understand and use and have the ability to view system input/output (I/O) information.

TECH MODULE WITH WIFI

An in cab module will provide WiFi wireless interface and data logging capability. The WiFi interface will comply with IEEE 802.11 b/g/n capabilities while communicating at 2.4 Gigahertz. The module will provide an external antenna connection allowing a line of site communication range of up to 300 feet with a roof mounted antenna.

The module will transmit a password protected web page to a WiFi enabled device (i.e. most smart phones, tablets or laptops) allowing two levels of user interaction. The firefighter level will allow vehicle monitoring of the vehicle and firefighting systems on the apparatus. The technician level will allow diagnostic access to inputs and outputs installed on the Command Zone, control and information system.

The data logging capability will record faults from the engine, transmission, ABS and Command Zone, control and information systems as they occur. No other data will be recorded at the time the fault occurs. The data logger will provide up to 2 Gigabytes of data storage.

A USB connection will be provided on the Tech Module. It will provide a means to download data logger information and update software in the device.

INDICATOR LIGHT AND ALARM PROVE-OUT SYSTEM

A system will be provided which automatically tests basic indicator lights and alarms located on the cab instrument panel.

VOLTAGE MONITOR SYSTEM

A voltage monitoring system will be provided to indicate the status of the battery system connected to the vehicle's electrical load. The system will provide visual and audible warning when the system voltage is below or above optimum levels.

The alarm will activate if the system falls below 11.8 volts DC for more than two (2) minutes.

POWER AND GROUND STUDS

Spare circuits will be provided in the primary distribution center for two-way radio equipment.

The spare circuits will consist of the following:

- One (1) 12-volt DC, 30 amp battery direct spare
- One (1) 12-volt DC ground and un-fused switched battery stud located in or adjacent to the power distribution center

ENHANCED SOFTWARE

The solid-state control system will include the following software enhancements:

All perimeter lights and scene lights (where applicable) will be deactivated when the parking brake is released.

Cab and crew cab dome lights will remain on for ten (10) seconds for improved visibility after the doors close. The dome lights will dim after ten (10) seconds or immediately if the vehicle is put into gear.

Cab and crew cab perimeter lights will remain on for ten (10) seconds for improved visibility after the doors close. The dome lights will dim after ten (10) seconds or immediately if the vehicle is put into gear.

EMI/RFI PROTECTION

To prevent erroneous signals from crosstalk contamination and interference, the electrical system will meet, at a minimum, SAE J551/2, thus reducing undesired electromagnetic and radio frequency emissions. An advanced electrical system will be used to ensure radiated and conducted electromagnetic interference (EMI) or radio frequency interference (RFI) emissions are suppressed at their source.

The apparatus will have the ability to operate in the electromagnetic environment typically found in fire ground operations to ensure clean operations. The electrical system will meet, without exceptions, electromagnetic susceptibility conforming to SAE J1113/25 Region 1, Class C EMR for 10Khz-1GHz to 100 Volts/Meter. The vehicle OEM, upon request, will provide EMC testing reports from testing conducted on an entire apparatus and will certify that the vehicle meets SAE J551/2 and SAE J1113/25 Region 1, Class C EMR for 10Khz-1GHz to 100 Volts/Meter requirements. Component and partial (incomplete) vehicle testing is not adequate as overall vehicle design can impact test results and thus is not acceptable by itself.

EMI/RFI susceptibility will be controlled by applying appropriate circuit designs and shielding. The electrical system will be designed for full compatibility with low-level control signals and high-powered two-way radio communication systems. Harness and cable routing will be given careful attention to minimize the potential for conducting and radiated EMI/RFI susceptibility.

ELECTRICAL

All 12-volt electrical equipment installed by the apparatus manufacturer will conform to modern automotive practices. All wiring will be high temperature crosslink type. Wiring will be run, in loom or conduit, where exposed and have grommets where wire passes through sheet metal. Automatic reset circuit breakers will be provided which conform to SAE Standards. Wiring will be color, function and number coded. Function and number codes will be continuously imprinted on all wiring harness conductors at 2.00" intervals.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Exterior exposed wire connectors will be positive locking, and environmentally sealed to withstand elements such as temperature extremes, moisture and automotive fluids.

Electrical wiring and equipment will be installed utilizing the following guidelines:

1. All holes made in the roof will be caulked with silicon, rope caulk is not acceptable. Large fender washers, liberally caulked, will be used when fastening equipment to the underside of the cab roof.
2. Any electrical component that is installed in an exposed area will be mounted in a manner that will not allow moisture to accumulate in it. Exposed area will be defined as any location outside of the cab or body.
3. Electrical components designed to be removed for maintenance will not be fastened with nuts and bolts. Metal screws will be used in mounting these devices. Also a coil of wire will be provided behind the appliance to allow them to be pulled away from mounting area for inspection and service work.
4. Corrosion preventative compound will be applied to all terminal plugs located outside of the cab or body. All non-waterproof connections will require this compound in the plug to prevent corrosion and for easy separation (of the plug).
5. All lights that have their sockets in a weather exposed area will have corrosion preventative compound added to the socket terminal area.
6. All electrical terminals in exposed areas will have silicon (1890) applied completely over the metal portion of the terminal.

All lights and reflectors, required to comply with Federal Motor Vehicle Safety Standard #108, will be furnished. Rear identification lights will be recessed mounted for protection. Lights and wiring mounted in the rear bulkheads will be protected from damage by installing a false bulkhead inside the rear compartments.

An operational test will be conducted to ensure that any equipment that is permanently attached to the electrical system is properly connected and in working order.

The results of the tests will be recorded and provided to the purchaser at time of delivery.

BATTERY SYSTEM

There will be four (4) 12 volt Exide®, Model 31S950X3W, batteries that include the following features will be provided:

- 950 CCA, cold cranking amps
- 190 amp reserve capacity
- High cycle
- Group 31
- Rating of 3800 CCA at 0 degrees Fahrenheit

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

- 760 minutes of reserve capacity
- Threaded stainless steel studs

Each battery case will be a black polypropylene material with a vertically ribbed container for increased vibration resistance. The cover will be manifold vented with a central venting location to allow a 45 degree tilt capacity.

The inside of each battery will consist of a "maintenance free" grid construction with poly wrapped separators and a flooded epoxy bottom anchoring for maximum vibration resistance.

BATTERY SYSTEM

There will be a single starting system with an ignition switch and starter button provided and located on the cab instrument panel.

MASTER BATTERY SWITCH

There will be a master battery switch provided within the cab within easy reach of the driver to activate the battery system.

An indicator light will be provided on the instrument panel to notify the driver of the status of the battery system.

BATTERY COMPARTMENTS

Batteries will be placed on non-corrosive mats and stored in well ventilated compartments located under the cab.

Heavy-duty, 2/0 gauge, color coded battery cables will be provided. Battery terminal connections will be coated with anti-corrosion compound.

Battery solenoid terminal connections will be encapsulated with semi-permanent rubberized compound.

JUMPER STUDS

One (1) set of battery jumper studs with plastic color-coded covers will be included on the battery compartments.

BATTERY CHARGER

A Kussmaul Autocharge 1000, Model 091-56-12, battery charger with internal battery saver will be provided. A bar graph display indicating the state of charge will be included.

The battery saver circuit will be capable of supplying up to three (3) amps for external loads such as hand light or auxiliary radio batteries.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The battery charger will be wired to the AC shoreline inlet through an AC receptacle adjacent to this battery charger.

The battery charger will be located in the left body compartment mounted on the ceiling, mount near front body bulkhead.

The battery charger indicator will be located on the driver's seat riser.

KUSSMAUL AUTO EJECT FOR SHORELINE

There will be one (1) Kussmaul Model 091-55-15-120, 15 amp 120 volt AC shoreline inlet(s) provided to operate the dedicated 120 volt AC circuits on the apparatus without the use of the generator.

The shoreline inlet(s) will include red weatherproof flip up cover(s).

There will be a release solenoid wired to the vehicle's starter to eject the AC connector when the engine is starting.

The shoreline(s) will be connected to the on-board battery charger.

There will be a mating connector body supplied with the loose equipment.

There will be a label installed near the inlet(s) that state the following:

- Line Voltage
- Current Rating (amps)
- Phase
- Frequency

The shoreline receptacle will be located on the driver side of pump panel.

BATTERY TRAYS

Formed fit heavy-duty roto-molded polyethylene battery trays with drain tubes will be provided for the batteries to sit in.

ALTERNATOR

A Leece-Neville, Model BLP4004H, alternator will be provided. It will have a rated output current of 350 amp as measured by SAE method J56. The alternator will feature an integral, self-diagnostic regulator and rectifier. The alternator will be connected to the power and ground distribution system with heavy-duty cables sized to carry the full rated alternator output.

ELECTRONIC LOAD MANAGER

An electronic load management (ELM) system will be provided that monitors the vehicles 12-volt electrical system, automatically reducing the electrical load in the event of a low voltage condition, and automatically restoring the shed electrical loads when a low voltage condition expires. This ensures the integrity of the electrical system.

For improved reliability and ease of use, the load manager system will be an integral part of the vehicle's solid state control system requiring no additional components to perform load management tasks. Load management systems which require additional components will not be allowed.

The system will include the following features:

- System voltage monitoring.
- A shed load will remain inactive for a minimum of five minutes to prevent the load from cycling on and off.
- Sixteen available electronic load shedding levels.
- Priority levels can be set for individual outputs.
- High Idle to activate before any electric loads are shed and deactivate with the service brake.
 - If enabled:
 - "Load Man Hi-Idle On" will display on the information center.
 - Hi-Idle will not activate until 30 seconds after engine start up.
- Individual switch "on" indicator to flash when the particular load has been shed.
- The information center indicates system voltage.

The information center, where applicable, includes a "Load Manager" screen indicating the following:

- Load managed items list, with priority levels and item condition.
- Individual load managed item condition:
 - ON = not shed
 - SHED = shed

SEQUENCER

A sequencer will be provided that automatically activates and deactivates vehicle loads in a preset sequence thereby protecting the alternator from power surges. This sequencer operation will allow a gradual increase or decrease in alternator output, rather than loading or dumping the entire 12 volt load to prolong the life of the alternator.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

For improved reliability and ease of use, the load sequencing system will be an integral part of the vehicle's solid state control system requiring no additional components to perform load sequencing tasks. Load sequencing systems which require additional components will not be allowed.

Emergency light sequencing will operate in conjunction with the emergency master light switch. When the emergency master switch is activated, the emergency lights will be activated one by one at half-second intervals. Sequenced emergency light switch indicators will flash while waiting for activation.

When the emergency master switch is deactivated, the sequencer will deactivate the warning light loads in the reverse order.

Sequencing of the following items will also occur, in conjunction with the ignition switch, at half-second intervals:

- Cab Heater and Air Conditioning
- Crew Cab Heater (if applicable)
- Crew Cab Air Conditioning (if applicable)
- Exhaust Fans (if applicable)
- Third Evaporator (if applicable)

HEADLIGHTS

There will be four (4) rectangular halogen lights mounted in the front quad style, chrome housings on each side of the cab grille:

- The outside light on each side will contain a halogen low and high beam module.
- The inside light on each side will contain a halogen high beam module only.

DIRECTIONAL LIGHTS

There will be two (2) Whelen 600 series, LED combination directional/marker lights provided. The lights will be located on the outside cab corners, next to the headlights.

The color of the lenses will be the same color as the LED's.

CAB CLEARANCE/MARKER/ID LIGHTS

There will be five (5) amber LED lights provided to indicate the presence and overall width of the vehicle in the following locations:

- Three (3) amber LED identification lights will be installed in the center of the cab above the windshield.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

- Two (2) amber LED clearance lights will be installed, one (1) on each outboard side of the cab above the windshield.

INTERMEDIATE LIGHT

There will be two (2) Weldon, Model 9186-8580-29, amber LED turn signal marker lights furnished, one (1) each side, in the rear fender panel. The light will double as a turn signal and marker light.

REAR CLEARANCE/MARKER/ID LIGHTING

There will be three (3) Truck-Lite®, Model 33050R, LED lights used as identification lights recessed and located at the rear of the apparatus per the following:

- As close as practical to the vertical centerline
- Centers spaced not less than 6.00" or more than 12.00" apart
- Red in color
- All at the same height

There will be two (2) Truck-Lite, Model 33050R, LED lights recessed at the rear of the apparatus used as clearance lights located at the rear of the apparatus per the following:

- To indicate the overall width of the vehicle
- One (1) each side of the vertical centerline
- As near the top as practical
- Red in color
- To be visible from the rear
- All at the same height

There will be two (2) Truck-Lite, Model 33050R, LED lights recessed on the side of the apparatus as marker lights as close to the rear as practical per the following:

- To indicate the overall length of the vehicle
- One (1) each side of the vertical centerline
- As near the top as practical
- Red in color
- To be visible from the side
- All at the same height

There will be two (2) red reflectors located on the rear of the truck facing to the rear. One (1) each side, as far to the outside as practical, at a minimum of 15.00", but no more than 60.00", above the ground.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

There will be two (2) red reflectors located on the side of the truck facing to the side. One (1) each side, as far to the rear as practical, at a minimum of 15.00", but no more than 60.00", above the ground.

Per FMVSS 108 and CMVSS 108 requirements.

FRONT CAB SIDE DIRECTIONAL/MARKER LIGHTS

There will be two (2) Truck-Lite®, Model 19036Y, amber LED lights installed to the outside of the chrome wrap around bezel, one (1) on each side of the cab.

The lights will activate as marker lights with the headlight switch and directional lights with the corresponding directional circuit.

REAR FMVSS LIGHTING

The rear stop/tail and directional LED lighting will consist of the following:

- Two (2) Whelen®, Model M6BTT, red LED stop/tail lights
- Two (2) Whelen, Model M6T, amber LED arrow turn lights

The lights shall be provided with color lenses.

The lights will be mounted in a polished combination housing.

There will be two (2) Whelen Model M6BUW, LED backup lights provided in the tail light housing.

LICENSE PLATE BRACKET

There will be one (1) license plate bracket mounted on the rear of the body.

A white LED light will illuminate the license plate. A polished stainless steel light shield will be provided over the light that will direct illumination downward, preventing white light to the rear.

LIGHTING BEZEL

There will be two (2) Whelen, Model M6FCV4P, four (4) place chromed ABS housings with Pierce logos provided for the rear M6 series stop/tail, directional, back up, scene lights or warning lights.

BACK-UP ALARM

An ECCO model 505, solid state electronic audible back-up alarm that actuates when the truck is shifted into reverse shall be provided. The device shall sound at 60 pulses per minute at a constant 87db.

WARNING LIGHT FLASH PATTERN

The flash pattern of all the exterior warning lights will be set to meet the certified California, Title XIII flash pattern by either the light manufacturer's default flash pattern or by a conversion change to the certified flash pattern.

MOUNTING, RECESS LIGHT

There will be one (1) recessed pocket(s) for mounting light(s). The recessed pocket(s) will be provided passenger side rear body bulkhead.

CAB PERIMETER SCENE LIGHTS

There will be four (4) Amdor Model AY-9500-012, 12.00" white LED strip lights provided.

- One (1) under the driver's side cab access step.
- One (1) under the passenger's side cab access step.
- One (1) under the passenger's side crew cab access step.
- One (1) under the driver's side crew cab access step.

The lights will be activated when the battery switch is on and the respective door is open and whenever control has been selected for the body perimeter lights.

PUMP HOUSE PERIMETER LIGHTS

There will be two (2) Amdor LumaBar H2O, Model AY-9500-012, 12.00" LED weatherproof strip lights with brackets provided under the pump panel running boards, one (1) each side.

The lights will be controlled by the same means as the body perimeter lights.

BODY PERIMETER SCENE LIGHTS

There will be two (2) Amdor LumaBar H2O™, Model AY-9500-012, 12.00" 12 volt DC LED strip lights provided at the rear step area of the body, one (1) each side shining to the rear.

The perimeter scene lights will be activated when the parking brake is applied.

STEP LIGHTS

Four (4) white LED step lights will be provided. One (1) step light will be provided on each side, on the front compartment face and two (2) step lights at the rear to illuminate the tailboard.

In order to ensure exceptional illumination, each light will provide a minimum of 25 foot-candles (fc) covering an entire 15.00" x 15.00" square placed 10.00" below the light and a minimum of 1.5 fc covering an entire 30.00" x 30.00" square at the same 10.00" distance below the light.

These step lights will be actuated with the pump panel light switch.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

All other steps on the apparatus will be illuminated per the current edition of NFPA 1901.

SCENE LIGHTS

There will be one (1) pair of TecNiq, Model E960, LED scene light(s) with stainless steel housing, installed on the side of the apparatus, one (1) on the driver's side rear fender panel (below the fuel/ DEF access door) and one (1) on the passenger side rear fender panel (below the hydraulic ladder rack access door).

A control for the light(s) selected above will be the following:

- a switch at the driver's side switch panel

These lights may be load managed when the parking brake is set.

12 VOLT LIGHTING

There will be one (1) Whelen® Model PFS2P, 16,200 lumens 12 volt DC LED light(s) installed on the apparatus.

- The painted parts of this light assembly to be black.
- The lights will be installed on the driver's side rear cab wall.
- The push up side mount outside pole length to be 20.00" long with handle holder and sensor connecting the pole to the "Do Not Move Truck" indicator circuit.
- The inside pole length to be 57.00" long or as long as practical to fit in the location selected.
- The lights will be controlled by a switch at the driver's side switch panel and by a switch at the driver's side pump panel.

These light(s) may be load managed when the parking brake is applied.

12 VOLT LIGHTING

There will be one (1) Whelen® Model PFS2P, 16,200 lumens 12 volt DC LED light(s) installed on the apparatus.

- The painted parts of this light assembly to be black.
- The lights will be installed on the passenger side rear cab wall.
- The push up side mount outside pole length to be 20.00" long with handle holder and sensor connecting the pole to the "Do Not Move Truck" indicator circuit.
- The inside pole length to be 57.00" long or as long as practical to fit in the location selected.
- The lights will be controlled by a switch at the driver's side switch panel, by a switch at the driver's side pump panel and by a switch at the passenger's side pump panel.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

These light(s) may be load managed when the parking brake is applied.

12 VOLT LIGHTING

There will be one (1) Whelen, Model PCPSM2*, 12 volt surface mounted LED combination spot/flood light(s) located on the driver's side cab, behind the driver's side front access door, as high as possible. The lights will be mounted with chrome flange(s).

The light(s) selected above will be controlled by the following:

- a switch at the driver's side switch panel
- a switch at the pump operator's panel

These light(s) may be load managed when the parking brake is set.

12 VOLT LIGHTING

There will be one (1) Whelen, Model PCPSM2*, 12 volt surface mounted LED combination spot/flood light(s) located on the passenger side cab, between the front and rear access doors, as high as possible. The lights will be mounted with chrome flange(s).

The light(s) selected above will be controlled by the following:

- a switch at the driver's side switch panel
- a switch at the driver's side pump panel
- a switch at the passenger's side switch panel

These light(s) may be load managed when the parking brake is set.

12 VOLT LIGHTING

There will be two (2) Whelen, Model PCPSM1*, 12 volt surface mounted LED combination spot/flood light(s) located on the rear body, one (1) on the driver's side and one (1) on the passenger side, each as high as possible and underneath the upper zone warning lights. The lights will be mounted with chrome flange(s).

The light(s) selected above will be controlled by the following:

- a switch at the driver's side switch panel
- a switch at the pump operator's panel
- a switch at the rear of apparatus on the passenger's side

These light(s) may be load managed when the parking brake is set.

12 VOLT LIGHTING

There will be a HiViz Model FT-B-X-72-ML-*, 2.56" high x 72.00" long x 3.31" deep 21,251.57 effective lumens 12 volt DC LED light provided on the front cab roof as far forward as practical. The light will include white scene LEDs. The white LEDs will be configured with a combination of flood and spot optics.

- The painted parts of the light housing and brackets to be black.
- The scene LEDs will be activated by a switch at the driver's side switch panel, by a switch at the driver's side pump panel and by a switch at the passenger's side switch panel.

The white LEDs may be load managed when the parking brake is applied.

HOSE BED LIGHTS

There will be four (4) Whelen®, part number 01-066D068-00, 2.63" white 12 volt DC LED lights provided to illuminate the hose bed area.

- One (1) light will be installed on the driver's side of the hose bed 24.00" from the front and as high as practical.
- One (1) light will be installed on the passenger's side of the hose bed, as high as practical and evenly spaced between both lights installed on the driver's side of the hose bed.
- One (1) light will be installed on the driver's side of the hose bed, as high as practical and evenly spaced between both lights installed on the passenger's side of the hose bed.
- One (1) light will be installed on the passenger's side of the hose bed 36.00" from the end and as high as practical. This light will also be angled into the hose bed 30 degrees to keep much of the light from shining into ground personals eyes.

The lights will be activated when the hosebed cover is raised.

WALKING SURFACE LIGHTS

There will be One (1) Amdor Model LumaBar, white 12 volt DC LED strip light provided in the cargo area to illuminate the interior surface of the cargo area. Light(s) will be located under the top flange of the cargo area.

The light will be activated when the body step lights are on.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

WATER TANK

Booster tank will have a capacity of 600 gallons and be constructed of polypropylene plastic by United Plastic Fabricating, Incorporated.

Tank will be T-shaped to provide for deep side compartments and to serve as a large sump to limit the amount of undraftable water.

Tank joints and seams will be nitrogen welded inside and out.

Tank will be baffled in accordance with NFPA bulletin 1901 requirements.

Baffles will have vent openings at both the top and bottom to permit movement of air and water between compartments.

Longitudinal partitions will be constructed of .38" polypropylene plastic and will extend from the bottom of the tank through the top cover to allow for positive welding.

Transverse partitions will extend from 4.00" off the bottom of the tank to the underside of the top cover.

All partitions will interlock and will be welded to the tank bottom and sides.

Tank top will be constructed of .50" polypropylene. It will be recessed .38" and will be welded to the tank sides and the longitudinal partitions.

Tank top will be sufficiently supported to keep it rigid during fast filling conditions.

Construction will include 2.00" polypropylene dowels spaced no more than 30.00" apart and welded to the transverse partitions. Two (2) of the dowels will be drilled and tapped (.50" diameter, 13.00" deep) to accommodate lifting eyes.

A sump that is 8.00" long x 8.00" wide x 6.00" deep will be provided at the bottom of the water tank.

Sump will include a drain plug and the tank outlet.

Tank will be installed in a fabricated cradle assembly constructed of structural steel.

Sufficient crossmembers will be provided to properly support the bottom of the tank. Crossmembers will be constructed of steel flat bar or rectangular tubing.

Tank will "float" in cradle to avoid torsional stress caused by chassis frame flexing. Rubber cushions, .50" thick x 3.00" wide, will be placed on all horizontal surfaces that the tank rests on.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Stops or other provision will be provided to prevent an empty tank from bouncing excessively while moving vehicle.

Mounting system will be approved by the tank manufacturer.

Fill tower will be constructed of .50" polypropylene and will be a minimum of 8.00" wide x 14.00" long.

Fill tower will be furnished with a .25" thick polypropylene screen and a hinged cover.

An overflow pipe, constructed of 4.00" schedule 40 polypropylene, will be installed approximately halfway down the fill tower and extend through the water tank and exit to the rear of the rear axle.

Two (2) sleeves will be provided in the water tank for rear outlet plumbing.

REAR TANK FILL

A 2.50" gated external recessed tank fill will be installed and properly labeled at the rear of the water tank, located on the driver's side rear body and installed as high as possible.

Piping for the fill will be routed through the rear wall of the tank and include a flow deflector to break up the stream of water.

A 2.50" full flow ball valve with 2.50" plumbing will be located behind the rear wall of the body. The valve will be controlled with a TS handle and will have a 2.50" (F) NST swivel.

A garnish bezel will be furnished to cover the inlet and the handle of the valve.

A 2.50" chrome plated 30 degree elbow and plug with VLH automatic pressure relieving thread technology will be provided for the tank fill.

HOSE BED

The hose bed will be fabricated of .125"-5052 aluminum with a nominal 38,000 psi tensile strength.

Standard hose bed width will be 68.00" inside.

Upper and rear edges of side panels will have a double break for rigidity, a split tube finish will not be acceptable.

The upper inside area of the beavertails will be covered with brushed stainless steel to prevent damage to painted surface when hose is removed.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Flooring of the hose bed will be removable aluminum grating with the top surface corrugated to aid in hose aeration. The grating slats will be a minimum of 0.50" x 4.50" with spacing between slats for hose ventilation.

Hose bed will accommodate from left to right:

- Hosebed #1 = 800' of 2.5" hose
- Hosebed #2 = 800' of 5" hose
- Hosebed #3 = 200' of 2.5" hose
- Hosebed #4 = 200' of 1.5" hose
- Hosebed #5 (under #4) 100' of 1.5" hose w/ gated wye and nozzle.

The passenger side hosebed side sheet will be notched to provide clearance for the ladders and ladder rack.

HOSEBED DIVIDERS

There will be one (1) permanent hose bed divider provided.

- Divider will be constructed of brushed aluminum. The divider will be "box" style and reinforced in order to support a hosebed cover or handrail mounting.
- Divider(s) will not be, adjustable. They will be bolted permanently into the hosebed.
- Divider(s) will be located between hosebed #1 and hosebed #2 and will provide support for the two main hosebed covers.

There will be one (1) permanent hose bed divider furnished.

- Divider will be constructed of a .25" brushed aluminum sheet.
- Partition will be permanently installed and located between hosebeds #4 and hosebed #5.
- Acorn nuts will be installed on all bolts in the hose bed which have exposed threads.
- Flat surfaces will be sanded for uniform appearance or constructed of brushed aluminum.

There will be one (1) permanent hose bed divider provided.

- Divider will be constructed of brushed aluminum and painted job color. The divider will be "box" style and reinforced in order to support a hosebed cover or handrail mounting.
- Divider(s) will not be, adjustable. They will be bolted permanently into the hosebed.
- Divider(s) will be located "next to the hydraulic ladder rack" and "between hose bed #3 and hose bed #4 (upper) / hose bed #5 (lower)."

HOSE BED COVER

A two (2) section hose bed cover, constructed of .125" bright aluminum treadplate will be furnished. The cover will be hinged with full length stainless steel piano hinge. The sides will be slanted down.

The cover will be reinforced so that it can support the weight of a person walking on the cover.

The cover is designed with the left cover opening first.

If access to the water tank fill tower is blocked by the hose bed cover, then a hinged door will be provided in it so that the tank may be filled without raising cover doors.

Chrome grab handles and four (4) gas filled cylinders will be provided to assist in opening and closing the cover. A handrail is to be provided at the rear, in the center of the support, to assist in opening the cover.

HOSE BED COVER - UNDER LADDER RACK

A one (1) section hose bed cover, constructed of .125" bright aluminum treadplate will be furnished.

This section will only cover the area below the hydraulic ladder rack on the passenger's side of the hose bed. The rack will need to be moved out of its nested position in order to open this cover.

The cover will be hinged with full length stainless steel piano hinge. The inside will be supported by a permanent hose bed divider defined elsewhere in this proposal.

When in the closed position, the cover will be flat across the top to allow the ladder rack to nest in the lowest practical position and height.

The cover will be reinforced so that it can support the weight of a person walking on the cover.

A chrome grab handle and gas filled cylinder will be provided to assist in opening and closing the cover.

HOSEBED END FLAP

A three piece black vinyl flap assembly will be installed on the rear, with a split in two locations, one flap for each of the aluminum treadplate hose bed covers. Those two splits will be located to allow for access into the different portions of the hosebed separately.

Each vinyl flap will have up to three (3) nylon tie down straps, if and where needed, with quick release thumb spring buckles. Fasnep model 207668 stainless steel buckles will be attached to the flaps. These vinyl end skirts will be installed directly to the hosebed frame.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Rubber coated hooks and stainless steel footman loops will secure the end skirts/bed covers to the main body.

RUNNING BOARDS

Running boards will be fabricated of .125" bright aluminum treadplate.

Each running board will be supported by a welded 2.00" square tubing and channel assembly, which will be bolted to the pump compartment substructure.

Running boards will be 12.75" deep and spaced .50" away from the pump panel.

A splash guard will be provided above the running board treadplate.

TAILBOARD

The tailboard will be designed as a space saving work platform provided at the rear of the body. The platform will fold up to reduce overall truck length, angle of departure, and create a clean safe working platform by keeping rain, snow, and ice off the platform during transit.

The platform will be 35.50" wide x 21.00" deep. When folded up, the platform will be the lower section of the rear compartment door. The external surface of the platform will be covered in aluminum treadplate. When folded down, the platform will provide a treadplate stepping surface with a rated capacity of 500 lbs.

REAR BUMPER

A two (2) piece rear bumper will be provided at the rear of the apparatus.

The bumper will be a two (2) piece design, allowing the folding platform to operate in the center of the unit.

The bumper will be fabricated from bright aluminum treadplate and be 10.00" in depth. The outboard sides of each 10.00" bumper shall be angled at 45 degrees beginning at the point where the body meets the tailboard at the forward outboard edge angling rearward to the rear edge.

REAR WALL, SMOOTH ALUMINUM/BODY MATERIAL

The rear facing surfaces of the center rear wall will be smooth aluminum.

The bulkheads, the surface to the rear of the side body compartments, will be smooth and the same material as the body.

TOW BAR

A tow bar will be installed under the tailboard at center of truck.

Tow bar will be fabricated of 1.00" CRS bar rolled into a 3.00" radius.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Tow bar assembly will be constructed of .38" structural angle. When force is applied to the bar, it will be transmitted to the frame rail.

Tow bar assembly will be designed and positioned to allow up to a 30-degree upward angled pull of 17,000 lbs. or a 20,000 lbs. straight horizontal pull in line with the centerline of the vehicle.

Tow bar design will have been fully tested and evaluated using strain gauge testing and finite element analysis techniques.

COMPARTMENTATION

Body and compartments will be fabricated of .125", 5052-H32 aluminum.

Side compartments will be an integral assembly with the rear fenders.

Circular fender liners will be provided for prevention of rust pockets and ease of maintenance.

Compartment flooring will be of the sweep out design with the floor higher than the compartment door lip.

The compartment door opening will be framed by flanging the edges in 1.75" and bending out again .75" to form an angle.

Drip protection will be provided above the doors by means of bright aluminum extrusion, formed bright aluminum treadplate or polished stainless steel.

The top of the compartment will be covered with bright aluminum treadplate rolled over the edges on the front, rear and outward side. These covers will have the corners welded.

Side compartment covers will be separate from the compartment tops.

Front facing compartment walls will be covered with bright aluminum treadplate.

All screws and bolts which protrude into a compartment will have acorn nuts on the ends to prevent injury.

UNDERBODY SUPPORT SYSTEM

Due to the severe loading requirements of this pumper a method of body and compartment support suitable for the intended load will be provided.

The backbone of the support system will be the chassis frame rails which is the strongest component of the chassis and is designed for sustaining maximum loads.

The support system will include .375" thick steel vertical angle supports bolted to the chassis frame rails with .625" diameter bolts.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Attached to the bottom of the steel vertical angles will be horizontal angles, with gussets welded to the vertical members, which extend to the outside edge of the body.

A steel frame will be mounted on the top of these supports to create a floating substructure which will result in a 500 lbs. equipment support rating per lower compartment.

The floating substructure will be separated from the horizontal members with neoprene elastomer isolators. These isolators will reduce the natural flex stress of the chassis from being transmitted to the body.

Isolators will have a broad load range, proven viability in vehicular applications, be of a failsafe design and allow for all necessary movement in three (3) transitional and rotational modes.

The neoprene isolators will be installed in a modified V three (3)-point mounting pattern to reduce the natural flex of the chassis being transmitted to the body.

AGGRESSIVE WALKING SURFACE

All exterior surfaces designated as stepping, standing, and walking areas will comply with the required average slip resistance of the current NFPA standards.

LOUVERS

Louvers will be stamped into compartment walls to provide the proper airflow inside the body compartments and to prevent water from dripping into the compartment. Where these louvers are provided, they will be formed into the metal and not added to the compartment as a separate plate.

TESTING OF BODY DESIGN

Body structural analysis has been fully tested. Proven engineering and test techniques such as finite element analysis, stress coating and strain gauging have been performed with special attention given to fatigue, life and structural integrity of the cab, body and substructure.

Body will be tested while loaded to its greatest in-service weight.

The criteria used during the testing procedure will include:

- Raising opposite corners of the vehicle tires 9.00" to simulate the twisting a truck may experience when driving over a curb.
- Making a 90 degree turn, while driving at 20 mph to simulate aggressive driving conditions.
- Driving the vehicle at 35 mph on a washboard road.
- Driving the vehicle at 55 mph on a smooth road.
- Accelerating the vehicle fully, until reaching the approximate speed of 45 mph on rough pavement.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Evidence of actual testing techniques will be made available upon request.

COMPARTMENTATION, DRIVER'S SIDE

A full height, vertically hinged, single door compartment ahead of the rear wheels will be provided. The interior dimensions of this compartment will be 22.50" wide x 66.63" high x 25.88" deep in the lower 25.00" of the compartment and 12.00" deep in the remaining upper portion. The depth of the compartment will be calculated with the compartment door closed. The compartment interior will be fully open from the compartment ceiling to the compartment floor and designed so that no permanent dividers are required between the upper and lower sections. The clear door opening of this compartment will be 18.00" wide x 62.00" high.

A positive door holder will be furnished with this compartment.

A horizontally hinged, single lift-up door compartment over the rear wheels will be provided. The interior dimensions of this compartment will be 66.50" wide x 32.88" high x 12.00" deep. The depth of the compartment will be calculated with the compartment door closed. The clear door opening of this compartment will be 59.50" wide x 28.25" high.

The lift-up door will be furnished with two gas-charged cylinders to assist in the opening of the door and to maintain the door in an open position. There will be a field adjustable, three-position bracket mounted on the vertical side door opening that will allow the door to be held open at 87°, 90°, or 93°.

Closing of the door will not require releasing, unlocking, or unlatching any mechanism.

A full height, vertically hinged, single door compartment behind the rear wheels will be provided. The interior dimensions of this compartment will be 31.50" wide x 64.63" high x 25.88" deep in the lower 16.00" of the compartment and 12.00" deep in the remaining upper portion. The depth of the compartment will be calculated with the compartment door closed. The compartment interior will be fully open from the compartment ceiling to the compartment floor and designed so that no permanent dividers are required between the upper and lower sections. The clear door opening of this compartment will be 30.00" wide x 60.00" high.

A positive door holder will be furnished with this compartment.

COMPARTMENTATION, PASSENGER'S SIDE

A full height, vertically hinged, single door compartment ahead of the rear wheels will be provided. The interior dimensions of this compartment will be 22.50" wide x 66.63" high x 25.88" deep in the lower 25.00" of the compartment and 12.00" deep in the remaining upper portion. The depth of the compartment will be calculated with the compartment door closed.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The compartment interior will be fully open from the compartment ceiling to the compartment floor and designed so that no permanent dividers are required between the upper and lower sections. The clear door opening of this compartment will be 18.00" wide x 62.00" high.

A positive door holder will be provided with this compartment.

A horizontally hinged, single lift-up door compartment over the rear wheels will be provided. The interior dimensions of this compartment will be 66.50" wide x 32.88" high x 12.00" deep. The depth of the compartment will be calculated with the compartment door closed. The clear door opening of this compartment will be 59.50" wide x 28.25" high.

The lift-up door will be furnished with two (2) gas-charged cylinders to assist in the opening of the door and to maintain the door in an open position. There will be a field adjustable, three-position bracket mounted on the vertical side door opening that will allow the door to be held open at 87°, 90°, or 93°. Closing of the door will not require releasing, unlocking, or unlatching any mechanism.

A full height, vertically hinged, single door compartment behind the rear wheels will be provided. The interior dimensions of this compartment will be 31.50" wide x 64.63" high x 25.88" deep in the lower 26.00" of the compartment and 12.00" deep in the remaining upper portion. The depth of the compartment will be calculated with the compartment door closed. The compartment interior will be fully open from the compartment ceiling to the compartment floor and designed so that no permanent dividers are required between the upper and lower sections. The clear door opening of this compartment will be 30.00" wide x 60.00" high.

A positive door holder will be furnished with this compartment.

DOORS, SIDE COMPARTMENT

All hinged compartment doors will be lap style with double panel construction and will be a minimum of 1.50" thick. To provide additional door strength a "C" section reinforcement will be installed between the outer and interior panels.

Doors will be provided with a closed cell rubber gasket around the surface that laps onto the body. A second heavy-duty automotive rubber molding with a hollow core will be installed on the door framing that seals onto the interior panel, to ensure a weather resisting compartment.

All compartment doors will have polished stainless steel continuous hinge with a pin diameter of .25" that is bolted or screwed on with stainless steel fasteners.

All door locking mechanisms will be fully enclosed within the door panels to prevent fouling of the lock in the event equipment inside shifts into the lock area.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Doors will be latched with recessed, polished stainless steel "D" ring handles and FMVSS approved door locking mechanisms.

To prevent corrosion caused by dissimilar metals, compartment door handles will not be attached to outer door panel with screws. A rubber gasket will be provided between the "D" ring handle and the door.

COMPARTMENTATION, REAR

A roll-up door compartment above the rear tailboard will be provided.

Interior dimensions of this compartment will be 40.00" wide x 40.63" high x 25.88" deep in the lower 32.38" of the compartment and 15.75" deep in the remaining upper portion. Depth of the compartment will be calculated with the compartment door closed.

A louvered, removable access panel will be furnished on the back wall of the compartment.

Rear compartment will be open into the rear side compartments.

Clear door opening of this compartment will be 33.25" wide x 33.00" high.

Closing of the door will not require releasing, unlocking, or unlatching any mechanism and will easily be accomplished with one hand.

ROLL-UP DOOR, REAR COMPARTMENT

The rear compartment will have a swing down tailboard as the lower section of the door and a roll door for the upper section. The roll up door will be double faced aluminum construction, an anodized satin finish and manufactured by A&A Manufacturing (Gortite).

Lath sections will be an interlocking rib design and will be individually replaceable without complete disassembly of door.

Between each slat at the pivoting joint will be a PVC inner seal to prevent metal to metal contact and prevent dirt or moisture from entering the compartments. Seals will allow door to operate in extreme temperatures ranging from plus 180 to minus 40 degrees Fahrenheit. Side, top and bottom seals will be provided to resist ingress of dirt and weather and be made of Santoprene.

All hinges, barrel clips and end pieces will be nylon 66. All nylon components will withstand temperatures from plus 300 to minus 40 degrees Fahrenheit.

A polished stainless steel lift bar to be provided for the rear roll-up door. Lift bar will be located at the bottom of door and have latches on the outer extrusion of the doors frame. A ledge will be supplied over lift bar for additional area to aid in closing the door.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Door will be constructed from an aluminum box section. The exterior surface of each slat will be flat. The interior surface will be concave to provide strength and prevent loose equipment from jamming the door from inside.

To conserve space in the compartments, the spring roller assembly will not exceed 3.00" in diameter.

The header for the roll-up door assembly will not exceed 4.00".

A heavy-duty magnetic switch will be used for control of open compartment door warning lights.

PULL STRAP, DOOR

There will be two (2) compartment doors provided with pull straps. The compartment door(s) to be provided with a pull strap will be D2 and P2.

REVERSE HINGED DOOR

The one (1) compartment door, located D3, will have the hinge at the rear of the door.

COMPARTMENT LIGHTING

There will be seven (7) compartment(s) with two (2) white 12 volt DC LED compartment light strips. The dual light strips will be centered vertically along each side of the door framing. There will be two (2) light strips per compartment. The dual light strips will be in all body compartment(s).

Opening the compartment door will automatically turn the compartment lighting on.

HATCH COMPARTMENT

One (1) hatch compartment 123.75 long x 13.75 wide x 22.00 maximum depth will be provided above the driver side compartments, with two (2) liftup top opening hatch doors.

Compartment will extend the full length of the side body compartmentation.

Sides of the compartment will be constructed of the same material as the body and painted job color. A painted trim strip will be provided to cover the seam between the top of the body panel and the bottom of the hatch compartment.

Top of the compartment will be constructed of bright aluminum treadplate.

Two (2) liftup, bright aluminum treadplate doors will be provided on the top of the compartment, each with a chrome grab handle.

Doors will have lipped edges with a rubber seal for weather resistance, and an inner pan with one (1) recessed light.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Doors will be hinged on the outboard side and will be held open with rubber covered chains.

One (1) socket and plunger type latch will be provided with each door to hold the doors in the closed position.

Each door will have a clear door opening of 56.00 long x 7.50 wide.

Compartment will drain to an area below the hose bed.

One (1) hatch compartment on the driver side will have a vertically hinged single panel, brushed stainless steel door located at the rear. The door(s) will be provided with flush lift and turn latch and be hinged along the outboard edge.

MOUNTING TRACKS

There will be six (6) sets of tracks for mounting shelf(s) in D3, D1, R1, P1, P2 and P3. These tracks will be installed vertically to support the adjustable shelf(s), and will be full height of the compartment. The tracks will be unpainted with a natural finish.

ADJUSTABLE SHELVES

There will be ten (10) shelves with a capacity of 500 lbs. provided.

The shelf construction will consist of .188" aluminum with a dual action finish with 2.00" sides.

Each shelf will be infinitely adjustable by means of a threaded fastener, which slides in a track.

The shelves will be held in place by .12" thick stamped plated brackets and bolts.

The location(s) will be determined at a later date.

SLIDE-OUT ADJUSTABLE HEIGHT TRAY

There will be one (1) slide-out tray provided.

Each tray will have 2.00" high sides and a minimum capacity rating of 500 lbs. in the extended position.

Each tray will be constructed of aluminum with a dual action finish.

Each tray will be mounted on a pair of side mounted slides. The slide mechanisms will have ball bearings for ease of operation and years of dependable service. The slides will be mounted to shelf tracks to allow the tray to be adjustable up and down within the designated mounting location.

An automatic lock will be provided for both the in and out tray positions. The lock trip mechanism will be located at the front of the tray and will be easily operated with a gloved hand.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The location(s) will be in D3 in the lower third

SLIDE-OUT FLOOR MOUNTED TRAY

There will be two (2) floor mounted slide-out tray(s) provided.

Each tray will have 2.00" high sides and a minimum capacity rating of 500 lbs. in the extended position.

Each tray will be constructed of aluminum with a dual action finish

There will be two under mount-roller bearing type slides rated at 250lbs. each provided. The pair of slides will have a safety factor rating of 2.

To ensure years of dependable service, the slides will be coated with a finish that is tested to withstand a minimum of 1,000 hours of salt spray per ASTM B117.

To ensure years of easy operation, the slides will require no more than a 50lb force for push-in or pull-out movement when fully loaded after having been subjected to a 40 hour vibration (shaker) test under full load. The vibration drive file will have been generated from accelerometer data collected from a heavy truck chassis driven over rough gravel roads in an unloaded condition. Proof of compliance will be provided upon request.

Automatic locks will be provided for both the "in" and "out" positions. The trip mechanism for the locks will be located at the front of the tray for ease of use with a gloved hand.

The location(s) will be D3 and R1.

SWING OUT TOOLBOARD

A swing out aluminum toolboard will be provided.

It will be a minimum of .188" thick with .20" diameter holes in a pegboard pattern with 1.00" centers between holes.

A 1.00" x 1.00" aluminum tube frame will be welded to the edge of the pegboard.

The board will be mounted on a pivoting device at the front of the compartment on the top and bottom to allow easy movement in and out of the compartment. The maximum tool load will be 400 pounds.

The board will have positive lock in the stowed and extended position.

The board will be mounted stationary within the compartment.

There will be one (1) toolboard provided. The toolboard will be with a brushed finish and installed D2.

BACKBOARD STORAGE

A transverse area over the pump and forward of the crosslays will hold one (1) storage trough.

A blister will be supplied at each side to enclose the backboards due to their length.

The backboards will be accessible from either side of the vehicle through the aluminum treadplate door(s) with a Southco push to close flush mounted stainless steel handle latch.

The size of the backboard(s) to be stored will be 6.00" wide x 20.00" high x 75.00" long with a 5.00" minimum clear door opening .

RUB RAIL

Bottom edge of the side compartments will be trimmed with a bright aluminum extruded rub rail.

Trim will be 2.12" high with 1.38" flanges turned outward for rigidity.

The rub rails will not be an integral part of the body construction, which allows replacement in the event of damage.

BODY FENDER CROWNS

Stainless steel fender crowns will be provided around the rear wheel openings.

A rubber welting will be installed between the body and the crown to seal the seam and restrict moisture from entering.

A dielectric barrier will be provided between the fender crown fasteners (screws) and the fender sheet metal to prevent corrosion.

HARD SUCTION HOSE PROVIDED BY DEALER

NFPA 1901, 2016 edition, section 5.8.2 requires a minimum of 20 ft of suction hose or 15 ft of supply hose.

Hose is not on the apparatus as manufactured. The dealer will provide suction or supply hose.

There will be Two (2) lengths of 10' - 00" long x2.50" diameter hose provided and equipped with a 2.50" NST rocker lug couplings provided on the ends. The brand will be FireQuip.

HOSE TROUGHS

Hard suction hose will be carried in troughs, mounted one (1) above the other, inside the hose bed, on the passenger side.

The two (2) troughs will be constructed of stainless steel.

A strap will be provided to contain the hose at the rear of the hose trough.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

HANDRAILS

The handrails will be 1.25" diameter anodized aluminum extrusion, with a ribbed design, to provide a positive gripping surface.

Chrome plated end stanchions will support the handrail. Plastic gaskets will be used between end stanchions and any painted surfaces.

Drain holes will be provided in the bottom of all vertically mounted handrails.

Handrails will be provided to meet NFPA 1901 section 15.8 requirements. The handrails will be installed as noted on the sales drawing.

- One (1) vertical handrail, and not less than 29.00" long, will be located on each rear bulkhead.
- One (1) full width horizontal handrail will be provided below the hose bed at the rear of the apparatus.

EXTINGUISHER/AIR BOTTLE/ STORAGE (TRIANGULAR)

A total of one (1) extinguisher/air bottle/storage compartments will be provided in the driver's side front fender well area. The triangular shaped compartment will be sized to fit a 8.00" diameter extinguisher in the lower area and a 8.00" diameter extinguisher in the upper area. The compartment will be approximately 25.50" deep. A partition will be provided to separate the compartment. Also inside the compartment, black Dura-Surf friction reducing material will be provided. The compartment will be furnished with a drain hole. A brushed stainless steel, triangular shaped door with a chrome plated flush lift & turn latch will be provided to contain the air bottles. A dielectric barrier will be provided between the door hinge, hinge fasteners and the body sheet metal.

AIR BOTTLE COMPARTMENT STRAP

A strap will be provided in the air bottle compartment(s) to help contain the bottles when the vehicle is parked on an incline. The strap will wrap around the neck and attach to the wall of the compartment.

AIR BOTTLE STORAGE (DOUBLE)

A quantity of one (1) air bottle compartment, 15.25" wide x 7.75" tall x 26.00" deep, will be provided on the passenger side rearward of the rear wheels. A brushed stainless steel door with a chrome plated flush lift & turn latch will be provided to contain the air bottle. A dielectric barrier will be provided between the door hinge, hinge fasteners and the body sheet metal.

Inside the compartment, "W" shaped insert formed of composite materials will be provided.

AIR BOTTLE STORAGE (TRIPLE)

A quantity of one (1) air bottle compartment designed to hold (3) air bottles up to 7.25" in diameter x 26.00" deep will be provided on the passenger side forward of the rear wheels. A brushed stainless steel door with a chrome plated flush lift & turn latch will be provided to contain the air bottle. A dielectric barrier will be provided between the door hinge, hinge fasteners and the body sheet metal.

Inside the compartment, black Dura-Surf friction reducing material will be provided.

AIR BOTTLE COMPARTMENT STRAP

A strap will be provided in the air bottle compartment(s) to help contain the air bottles when the vehicle is parked on an incline. The strap will wrap around the neck and attach to the wall of the compartment.

EXTENSION LADDER

There will be a 24' two-section aluminum Duo-Safety Series 900-A extension ladder provided.

ADDED EXTENSION LADDER

There will be one (1) 35', three (3) section, aluminum, Duo-Safety Series 1225-A extension ladder provided.

ROOF LADDER

There will be a 14' aluminum Duo-Safety Series 775-A roof ladder provided.

HYDRAULIC LADDER RACK

Ground ladders will be mounted above the right side of the hose body in a specially designed swing-down cradle. This cradle will be electric/ hydraulic operated. The system design will have been life cycle tested for at least 14 years of dependable service.

An independent hydraulic pump powered by a 12-volt electric motor will operate the hydraulics. Operation of the hydraulic system for the ladder rack by an engine-powered pump will be totally unacceptable. The hydraulic pump and reservoir will be accessible from the ground through a stainless steel inspection door.

The ladder rack will incorporate two hydraulic rotary actuators, one each located inside the front compartment and the rear compartment. The actuators will be completely enclosed within each compartment to eliminate any pinch points while operating the ladder rack. Lifting arms will be attached outside the compartment body to the front and rear actuator. A center-lifting arm built into the compartment space is unnecessary and is unacceptable.

The rack can be designed in certain situations to provide lifting capabilities up to 500lbs.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The maximum height of the rack from the ground in the lowered position will be no more than 47.00".

The electric control panel will have a master switch on/off switch, an actuation switch, an operation indicator light and operation instructions. The electric controls will be located in such a manner to allow the operator full view of the area into which the ladders will be lowered.

Two (2) air operated safety locks will be furnished to securely maintain the ladder bracket assembly in the travel position. These air operated safety locks will be controlled from the ladder rack control panel.

A polished stainless steel enclosure shall be provided over the hydraulic ladder rack locks at the front and the rear on the passenger side to cover the ladder rack locks (2) and provide mounting for any rear warning lights.

Ladders will be secured to the cradle with a quadruple locking system. Two (2) locks will secure the first ladder which in turn assists in securing the second and third ladders. The third independent lock will secure the second roof ladder during the installation/removal of the first ladder. The fourth independent lock will secure the extension ladder during the installation/removal of the second ladder.

The ladder rack pivot point will be raised 6.00" on the passenger side to change the lifting capacity of the rack.

The rear ladder rack arm will have an offset to not block the rear upper zone warning lights.

LADDER RACK INTERLOCK AND NOT STOWED INDICATOR LIGHT

An interlock will be provided to prevent operation of the ladder rack unless the apparatus parking brake has been activated.

A steady red indicator light will be located on the cab instrument panel and illuminated when the hydraulic ladder rack is not in the stowed position. The light will be labeled "Ladder Rack". In addition, the "Do Not Move Apparatus" light located in the cab will be activated when the hydraulic ladder rack is not in the stowed position.

LIGHTS, FLASHING, HYDRAULIC LADDER RACK

Flashing amber lights facing the front and rear will be provided on the ladder rack and activated whenever the rack is in the down position.

FOLDING LADDER

One (1) 10.00' aluminum, Series 585-A, Duo-Safety folding ladder will be installed in a stainless steel trough, in the passenger side pike pole/ folding ladder compartment.

PIKE POLE PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2016 edition, Section 5.9.4 requires one (1) 8 ft or longer pike pole mounted in a bracket fastened to the apparatus.

The pike pole is not on the apparatus as manufactured. The fire department will provide and mount the pike pole.

The pike pole(s) will be a Duo-Safety 10' pike pole.

6' PIKE POLE PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2016 edition, Section 5.9.4 requires one (1) 6' pike pole or plaster hook mounted in a bracket fastened to the apparatus.

The pike pole is not on the apparatus as manufactured. The fire department will provide and mount the pike pole.

The pike pole(s) will be a Duo-Safety 6' pike pole.

PIKE POLES

One (1) pike pole compartment will be provided, recessed below the water tank tee in the rear of body, on the passenger's side. The door will be made of stainless steel and have a lift and turn latch.

PIKE POLE STORAGE

Stainless steel U-shaped trough be used for the storage of three (3) pike poles, with D-handle style grip, will be provided and installed in the pike pole compartment.

STEP

A folding step will be provided on the driver side front bulkhead. The step will be a bright finished, non-skid step with a black coating. The step will incorporate an LED light to illuminate the stepping surface. The step can be used as a hand hold with two openings wide enough for a gloved hand.

REAR FOLDING STEPS

Bright finished, non-skid folding steps with a luminescent coating that is rechargeable from any light source and can hold a charge for up to 24 hours will be provided at the rear. The steps can be used as a hand hold with two openings wide enough for a gloved hand.

Three (3) additional folding steps will be located three (3) on the driver side front bulkhead. The step(s) will be bright finished, non-skid with a black coating. Each step will incorporate an LED light to illuminate the stepping surface. The step(s) can be used as a hand hold with two openings wide enough for a gloved hand.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

PUMP

Pump will be a Waterous CSU, 1500 gpm single (1) stage mid-ship mounted centrifugal type.

Pump will be the class "A" type.

Pump will deliver the percentage of rated discharge at pressures indicated below:

- 100% of rated capacity at 150 psi net pump pressure.
- 70% of rated capacity at 200 psi net pump pressure.
- 50% of rated capacity at 250 psi net pump pressure.

Pump body will be close-grained gray iron, bronze fitted, and horizontally split in two (2) sections for easy removal of the entire impeller shaft assembly (including wear rings).

Pump will be designed for complete servicing from the bottom of the truck, without disturbing the pump setting or apparatus piping.

Pump case halves will be bolted together on a single horizontal face to minimize chance of leakage and facilitate ease of reassembly. No end flanges will be used.

Discharge manifold of the pump will be cast as an integral part of the pump body assembly and will provide a minimum of three (3) 3.50" openings for flexibility in providing various discharge outlets for maximum efficiency.

The three (3) 3.50" openings will be located as follows: one (1) outlet to the right of the pump, one (1) outlet to the left of the pump, and one (1) outlet directly on top of the discharge manifold.

Impeller shaft will be stainless steel, accurately ground to size. It will be supported at each end by sealed, anti-friction ball bearings for rigid precise support. Impeller will have flame plated hubs assuring maximum pump life and efficiency despite any presence of abrasive matter in the water supply.

Bearings will be protected from water and sediment by suitable stuffing boxes, flinger rings, and oil seals. No special or sleeve type bearings will be used.

Pump will be equipped with a self-adjusting, maintenance-free, mechanical shaft seal.

The mechanical seal will consist of a flat, highly polished, spring fed carbon ring that rotates with the impeller shaft. The carbon ring will press against a highly polished stainless steel stationary ring that is sealed within the pump body.

In addition, a throttling ring will be pressed into the steel chamber cover, providing a very small clearance around the rotating shaft in the event of a mechanical seal failure.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The pump performance will not deteriorate, nor will the pump lose prime, while drafting if the seal fails during pump operation.

Wear rings will be bronze and easily replaceable to restore original pump efficiency and eliminate the need to replace the entire pump casing due to wear.

PUMP TRANSMISSION

The pump transmission will be made of a three (3) piece, aluminum, horizontally split casing. Power transfer to pump will be through a high strength Morse HY-VO silent drive chain. By the use of a chain rather than gears, 50% of the sprocket will be accepting or transmitting torque, compared to two (2) or three (3) teeth doing all the work.

Drive shafts will be 2.35" diameter hardened and ground alloy steel and supported by ball bearings. The case will be designed to eliminate the need for water cooling.

PUMPING MODE

An interlock system will be provided to ensure that the pump drive system components are properly engaged so that the apparatus can be safely operated. The interlock system will be designed to allow stationary pumping only.

AIR PUMP SHIFT

Pump shift engagement will be made by a two (2) position sliding collar, actuated pneumatically (by air pressure), with a three (3) position air control switch located in the cab. A manual back-up shift control will also be located on the left side pump panel.

Two (2) indicator lights will be provided adjacent to the pump shift inside the cab. One (1) green light will indicate the pump shift has been completed and be labeled "pump engaged". The second green light will indicate when the pump has been engaged, and that the chassis transmission is in pump gear. This indicator light will be labeled "OK to pump".

Another green indicator light will be installed adjacent to the hand throttle on the pump panel and indicate either the pump is engaged and the road transmission is in pump gear, or the road transmission is in neutral and the pump is not engaged. This indicator light will be labeled "Warning: Do not open throttle unless light is on".

The pump shift will be interlocked to prevent the pump from being shifted out of gear when the chassis transmission is in gear to meet NFPA requirements.

The pump shift control in the cab will be illuminated to meet NFPA requirements.

TRANSMISSION LOCK-UP

The direct gear transmission lock-up for the fire pump operation will engage automatically when the pump shift control in the cab is activated.

AUXILIARY COOLING SYSTEM

A supplementary heat exchange cooling system will be provided to allow the use of water from the discharge side of the pump for cooling the engine water. The heat exchanger will be cylindrical type and will be a separate unit. The heat exchanger will be installed in the pump or engine compartment with the control located on the pump operator's control panel. Exchanger will be plumbed to the master drain valve.

INTAKE RELIEF VALVE

An Akron relief valve will be installed on the suction side of the pump preset at 125 psig.

Relief valve will have a working range of 75 psig to 200 psig.

Outlet will terminate below the frame rails with a 2.50" National Standard hose thread adapter and will have a "do not cap" warning tag.

Control will be located behind an access door at the right (passenger's) side pump panel.

PRESSURE CONTROLLER

A Fire Research Pump Boss Model PBA400 pressure governor will be provided.

A pressure transducer will be installed in the water discharge manifold on the pump.

The display panel will be located at the pump operator's panel.

PRIMING PUMP

The priming pump will be a Trident Emergency Products compressed air powered, high efficiency, multistage venturi based AirPrime System, conforming to standards outlined in the current edition of NFPA 1901.

All wetted metallic parts of the priming system are to be of brass and stainless steel construction.

One (1) priming control will open the priming valve and start the pump primer.

RECIRCULATING LINE WITH CHECK VALVE

A 0.50" diameter recirculating line, from the pump to the water tank, will be furnished with a control installed at the pump operator's control panel. A check valve will be provided in this line to prevent the back flow of water from the tank to the pump if the valve is left in the open position.

THERMAL RELIEF VALVE

A Watrous Overheat Protection Manager (OPM) will be included on the pump that monitors pump water temperature and opens to relieve water to cool the pump when the temperature of the pump water exceeds 140 Degrees F (60 C) and a red warning light that is triggered when the water in the pump reaches 180 F (82 C).

The warning light will act as an additional protection device if the temperature in the pump keeps rising after the valve opens. The warning light with a test switch will be mounted on the pump operator panel.

The discharge line will be plumbed to water tank fill tower.

PUMP MANUALS

There will be a total of two (2) pump manuals provided by the pump manufacturer and furnished with the apparatus. The manuals will be provided by the pump manufacturer in the form of two (2) electronic copies. Each manual will cover pump operation, maintenance, and parts.

PLUMBING, STAINLESS STEEL AND HOSE

All inlet and outlet lines will be plumbed with stainless steel pipe, flexible polypropylene tubing or synthetic rubber hose reinforced with hi-tensile polyester braid. All hose's will be equipped with brass or stainless steel couplings. All stainless steel hard plumbing will be a minimum of a schedule 10 wall thickness.

Where vibration or chassis flexing may damage or loosen piping or where a coupling is required for servicing, the piping will be equipped with victaulic or rubber couplings.

Plumbing manifold bodies will be ductile cast iron or stainless steel.

All piping lines are to be drained through a master drain valve or will be equipped with individual drain valves. All drain lines will be extended with a hose to drain below the chassis frame.

All water carrying gauge lines will be of flexible polypropylene tubing.

All piping, hose and fittings will have a minimum of a 500 PSI hydrodynamic pressure rating.

MAIN PUMP INLETS

A 6.00" pump manifold inlet will be provided on each side of the vehicle. The suction inlets will include removable die cast zinc screens that are designed to provide cathodic protection for the pump, thus reducing corrosion in the pump.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

MAIN PUMP INLET CAP

The main pump inlets will have National Standard Threads with a long handle chrome cap.

The cap will be the Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected.



SHORT SUCTION TUBE

The suction tubes on the mid-ship pump will have short suction tubes to allow for installation of adapters without excessive overhang.

VALVES

All ball valves will be Akron® Brass. The Akron valves will be the 8000 series heavy-duty style with a stainless steel ball and a simple two-seat design. No lubrication or regular maintenance is required on the valve.

Valves will have a **ten (10) year** warranty.

LEFT SIDE INLET

There will be one (1) auxiliary inlet with a 2.50" valve at the left side pump panel, terminating with a 2.50" (F) National Standard hose thread adapter.

The auxiliary inlet will be provided with a strainer, chrome swivel and plug.

RIGHT SIDE INLET

There will be one (1) auxiliary inlet with a 2.50" valve at the right side pump panel, terminating with a 2.50" (F) National Standard hose thread adapter.

The auxiliary inlet will be provided with a strainer, chrome swivel and plug.

The location of the valve for the two (2) inlets will be recessed behind the pump panel.

ANODE, INLET

A pair of sacrificial zinc anodes will be provided in the water pump inlets to protect the pump from corrosion.

INLET CONTROL

The side auxiliary inlet(s) will incorporate a quarter-turn ball valve with the control located at the inlet valve. The valve operating mechanism will indicate the position of the valve.

INLET BLEEDER VALVE

A 0.75" bleeder valve will be provided for each side gated inlet. The valves will be located behind the panel with a swing style handle control extended to the outside of the panel. The handles will be chrome plated and provide a visual indication of valve position. The swing handle will provide an ergonomic position for operating the valve without twisting the wrist and provides excellent leverage. The water discharged by the bleeders will be routed below the chassis frame rails.

TANK TO PUMP

The booster tank will be connected to the intake side of the pump with heavy duty piping and a quarter turn 3.00" full flow line valve with the control remotely located at the operator's panel. The tank to pump line will run straight (no elbows) from the pump into the front face of the water tank and down into the tank sump. A rubber coupling will be included in this line to prevent damage from vibration or chassis flexing.

The control on the pump panel will be "in" when the valve is open and "out" when the valve is closed.

A check valve will be provided in the tank to pump supply line to prevent the possibility of "back filling" the water tank.

TANK REFILL

A 1.50" combination tank refill and pump re-circulation line will be provided, using a quarter-turn full flow ball valve controlled from the pump operator's panel.

LEFT SIDE DISCHARGE OUTLETS

There will be two (2) discharge outlets with a 2.50" valve on the left side of the apparatus, terminating with a 2.50" (M) National Standard hose thread adapter.

RIGHT SIDE DISCHARGE OUTLETS

There will be one (1) discharge outlet with a 2.50" valve on the right side of the apparatus, terminating with a 2.50" (M) National Standard hose thread adapter.

LARGE DIAMETER DISCHARGE OUTLET

There will be a 4.00" discharge outlet with a 4.00" Akron valve installed on the right side of the apparatus, terminating with a 4.00" (M) National Standard hose thread adapter. This discharge outlet will be actuated with a handwheel control at the pump operator's control panel.

An indicator will be provided to show when the valve is in the closed position.

FRONT DISCHARGE OUTLET

There will be one (1) 1.50" discharge outlet piped to the front of the apparatus and located on the top of the left side front bumper.

Plumbing will consist of 2.00" piping and flexible hose with a 2.00" ball valve with control at the pump operator's panel. A fabricated weldment made of stainless steel pipe will be used in the plumbing where appropriate. The piping will terminate with a 1.50" NST with 90 degree stainless steel swivel.

There will be Class 1 quarter turn round handle drain will be provided at all low points of the piping.

FRONT OUTLET ADDITIONAL VALVE

A second 2.00" full flow ball valve will be provided at the front bumper extension. The valve will have an integral chrome swing style handle.

REVERSE LINKAGE ON FRONT OUTLET

The valve control for the front outlet(s) on the pump panel will be "in" when the valve is open and "out" when the valve is closed. The reverse linkage will be provided for one (1) front outlet located at the driver's side front bumper.

REAR DISCHARGE OUTLET

There will be one (1) discharge outlet piped to the rear of the hose bed, passenger's side, installed so proper clearance is provided for spanner wrenches or adapters. Plumbing will consist of 2.50" piping along with a 2.50" full flow ball valve with the control from the pump operator's panel.

DISCHARGE OUTLET (REAR)

There will be one (1) discharge outlet piped to the rear of the hose bed. Discharge will be located on the passenger side rear wall, under hosebed #5 and to the right of the 2.5" discharge. Proper clearance will be provided for spanner wrenches or adapters. Plumbing will consist of 2.00" piping along with a 2.00" full flow ball valve with the control from the pump operator's panel. The one (1) discharge outlet will terminate with a 1.50" male National Standard hose thread male adapter.

FRONT OF HOSE BED DISCHARGE OUTLET

There will be one (1) 2.50" and one (1) 1.50" discharge piped to the front of the hose bed, the 2.5" outlet will be located for hosebed #3 and the 1.50" outlet will be located for hosebed #4. Plumbing will consist of 2.50" piping and valve for the 2.50" discharge. The plumbing and valve will be 2.00" for the 1.50" discharge. The discharges will terminate with a (M) National Standard hose thread adapter.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

DISCHARGE CAPS

Chrome plated, rocker lug, caps with chains will be furnished for all side discharge outlets.

The caps will be the Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected.

OUTLET BLEEDERS

A .75" bleeder valve will be provided for each outlet 1.50" or larger.

The valves will be located behind the panel with a swing style handle control extended to the outside of the side pump panel. The handles will be chrome plated with visual indication of valve position. The swing handle will provide an ergonomic position for operating the valve without twisting the wrist and provides excellent leverage. Bleeders will be located at the bottom of the pump panel. They will be properly labeled identifying the discharge they are plumbed in to. The water discharged by the bleeders will be routed below the chassis frame rails.

This will include the deluge riser plumbing and the front outlet to be provided with manual operating drains.

LEFT SIDE OUTLET ELBOWS

The 2.50" discharge outlets located on the left side pump panel will be furnished with a 2.50" (F) National Standard hose thread x 2.50" (M) National Standard hose thread, chrome plated, 45 degree elbow.

The elbow will be Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected.

RIGHT SIDE OUTLET ELBOWS

The 2.50" discharge outlets located on the right side pump panel will be furnished with a 2.50" (F) National Standard hose thread x 2.50" (M) National Standard hose thread, chrome plated, 45 degree elbow.

The elbow will be Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected.

REAR OUTLET ELBOWS

The 2.50" discharge outlets located at the rear of the apparatus will be furnished with a 2.50" (F) National Standard hose thread x 2.50" (M) National Standard hose thread, chrome plated, 45 degree elbow.

The elbow will be Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected.

LARGE DIAMETER OUTLET ELBOWS

The 4.00" outlet will be furnished with a 4.00" (F) National Standard hose thread swivel x 4.50" (M) National Standard hose thread elbow adapter with cap.

DISCHARGE OUTLET CONTROLS

The discharge outlets will incorporate a quarter-turn ball valve with the control located at the pump operator's panel. The valve operating mechanism will indicate the position of the valve.

If a handwheel control valve is used, the control will be a minimum of a 3.9" diameter stainless steel handwheel with a dial position indicator built in to the center of the handwheel.

DELUGE RISER

A 3.00" deluge riser will be installed above the pump in such a manner that a monitor can be mounted and used effectively. Piping will be rigidly braced and installed securely so no movement develops when the line is charged. The riser will be gated and controlled at the pump operator's panel.

DUAL CONTROL

There will be a second control, lever operated, within reach of the deluge appliance operator.

TELESCOPIC PIPING

The deluge riser piping will include an 18.00" Task Force Model XG18 Extend-A-Gun extension.

This extension will be telescopic to allow the deluge gun to be raised 18.00" increasing the range of operation.

A position sensor will be provided on the telescopic piping that will activate the "do not move vehicle" light inside the cab when the monitor is in the raised position.

MONITOR

To insure that the deluge outlet provided by the apparatus manufacturer is compatible with the monitor, the make and model that is dealer furnished will be TFT Crossfire XFC-52 monitor package.

The deluge riser Extend-a-Gun will have provisions for direct mounting a Task Force Tips CrossFire monitor.

CROSSLAY HOSE BEDS

Two (2) crosslays with 1.50" outlets will be provided. Each bed to be capable of carrying 200' of 1.75" double jacketed hose and will be plumbed with 2.00" i.d. pipe and gated with a 2.00" quarter turn ball valve.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Outlets to be equipped with a 1.50" National Standard hose thread 90 degree swivel located in the hose bed so that hose may be removed from either side of apparatus.

The crosslay controls will be at the pump operator's panel.

The center crosslay dividers will be fabricated of 0.25" aluminum and will provide adjustment from side to side. The divider will be unpainted with a brushed finish.

Vertical scuffplates constructed of stainless steel will be provided at the front and rear ends of the bed on each side of vehicle.

Crosslay bed flooring will consist of removable perforated brushed aluminum.

CROSSLAY COVER

A hinged aluminum treadplate cover will be installed over the crosslay hose beds. It will include a latch at each end of the cover to hold it securely in place, a chrome grab handle at each end for opening and closing the cover and a foam rubber gasket where the cover comes into contact to a painted surface.

A black vinyl cover permanently attached to the aluminum treadplate cover will be provided over each end of the crosslay hose beds. The cover will have bungee cords attached at each lower corner. The bottom of the flaps will be weighted with a chain.

BOOSTER HOSE REEL

A Hannay electric rewind booster hose reel will be installed over the pump in a recessed open compartment on the left side of the apparatus.

A polished stainless steel roller and guide assembly will be mounted on the reel side of the apparatus.

Discharge control will be provided at the pump operator's panel. Plumbing to the reel will consist of 1.50" Aeroquip hose and a 1.50" valve

The exterior finish of the reel will be painted job color, matching the body exterior.

Reel motor will be protected from overload with a circuit breaker rated to match the motor.

An electric rewind control switch will be installed on the reel side pump panel.

BOOSTER HOSE

One length of .75" diameter and 150' long, with chrome plated Barway, or equal, couplings will be provided. The couplings will have 1" NST threads.

Working pressure of the booster hose will be a minimum of 800 psi.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Capacity of the hose reel will be 150 feet of .75" booster hose.

There will be one (1) additional polished stainless steel roller and guide assembly mounted on top of the passenger side cargo compartment side sheet.

HUSKY 3 FOAM PROPORTIONER

A Pierce Husky® 3 foam proportioning system will be provided. The Husky 3 is an on demand, automatic proportioning, single point, direct injection system suitable for all types of Class A and B foam concentrates, including the high viscosity (6000 cps), alcohol resistant Class B foams. Operation will be based on direct measurement of water flow, and remain consistent within the specified flows and pressures. The system will automatically proportion foam solution at rates from .1 percent to 3.0 percent regardless of variations in water pressure and flow, up to the maximum rated capacity of the foam concentrate pump.



The design of the system will allow operation from draft, hydrant, or relay operation.

SYSTEM CAPACITY

The system will have the ability to deliver the following minimum foam solution flow rates at accuracies that meet or exceed NFPA requirements at a pump rating of 150 psi.

- 100 gpm @ 3 percent
- 300 gpm @ 1 percent
- 600 gpm @ 0.5 percent

Class A foam setting in .1 percent increments from .1 percent to 1 percent. Typical settings of 1 percent, .5 percent and .3 percent (maximum capacity will be limited to the plumbing and water pump capacity).

CONTROL SYSTEM

The system will be equipped with a digital electronic control display located on the pump operator's panel. Push button controls will be integrated into the panel to turn the system on/off, control the foam percentage, and to set the operation modes.

The percent of injection will have a preset. This preset can be changed at the fire department as desired. The percent of injection will be able to be easily changed at the scene to adjust to changing demands.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Three (3) .50 tall LEDs will display the foam percentage in numeric characters. Three (3) indicator LEDs will also be included, one (1) green, one (1) red, and one (1) yellow. The LEDs will indicate various system operation or error states.

The indications will be:

- Solid Green - System On
- Solid Red - Valve Position Error
- Solid Yellow - Priming System
- Flashing Green - Injecting Foam
- Flashing Red - Low Tank Level
- Flashing Yellow - Refilling Tank

The control display will house a microprocessor, which receives input from the systems water flow meter while also monitoring the position of the foam concentrate pump. The microprocessor will compare the values of the water flow versus the position/rate of the foam pump, to ensure the proportion rate is accurate. One (1) check valve will be installed in the plumbing to prevent foam from contaminating the water pump.

HYDRAULIC DRIVE SYSTEM

The foam concentrate pump will be powered by an electric over hydraulic drive system. The hydraulic system and motor will be integrated into one (1) unit.

FOAM CONCENTRATE PUMP

The foam concentrate pump will be of positive displacement, self-priming; linear actuated design, driven by the hydraulic system. The pump will be constructed of brass body; chrome plated stainless steel shaft, with a stainless steel piston. In order to increase longevity of the pump, no aluminum will be present in its construction.

A relief system will be provided which is designed to protect the drive system components and prevent over pressuring the foam concentrate pump

The foam concentrate pump will have minimum capacity for 3 gpm with all types of foam concentrates with a viscosity at or below 6000 cps including protein, fluoroprotein, AFFF, FFFP, or AR-AFFF. The system will deliver only the amount of foam concentrate flow required, without recirculating foam back to the storage tank. Recirculating foam concentrate back to the storage tank can cause agitation and premature foaming of the concentrate, which can result in system failure. The foam concentrate pump will be self-priming and have the ability to draw foam concentrate from external supplies such as drums or pails.

EXTERNAL FOAM CONCENTRATE CONNECTION

An external foam pick-up will be provided to enable use of a foam agent that is not stored on the vehicle. The external foam pick-up will be designed to allow continued operation after the on-board foam tank is empty, or the use of foam different than the foam in the foam tank.

PANEL MOUNTED EXTERNAL PICK-UP CONNECTION / VALVE

A bronze three (3)-way valve will be provided. The unit will be mounted to the pump panel. The valve unit will function as the foam system tank to pump valve and external suction valve. The external foam pick-up will be one (1) .75" male connection GHT (garden hose thread) with a cap.

PICK-UP HOSE

A .75" flexible hose with an end for insertion into foam containers will be provided. The hose will be supplied with a .75" female swivel GHT (garden hose thread) swivel connector. The hose will be shipped loose.

DISCHARGES

The foam system will be plumbed to five (5) discharges. The discharges capable of dispensing foam will be the front bumper 1.5" outlet, front 1.5" crosslay, rear 1.5" crosslay, passenger side rear 1.5" outlet and hose reel.

SYSTEM ELECTRICAL LOAD

The maximum current draw of the electric motor and system will be no more than 55 amperes at 12 VDC.

SINGLE FOAM TANK REFILL

The foam system's proportioning pump will be used to fill the foam tank. This will allow use of the auxiliary foam pick-up to pump the foam from pails or a drum on the ground into the foam tank. A foam shut-off switch will be installed in the fill dome of the tank to shut the system down when the tank is full. The fill operation will be controlled by a mode in the foam system controller. While the proportioner pump is filling the tank, the controller will display a flashing yellow LED to indicate that the tank is filling. When the tank is full, as determined by the float switch in the tank dome, the pump will stop and the controller will shut the yellow LED off. If it attempted to use tank fill and the refill valve and suction valve are in the wrong position(s), then a red LED will illuminate to indicate the improper valve position(s). When the valves are positioned properly, then filling will commence.

FOAM TANK

The foam tank will be an integral portion of the polypropylene water tank. The cell will have a capacity of 20 gallons of foam with the intended use of Class A foam. The foam cell will not reduce the capacity of the water tank. The foam cell will have a screen in the fill dome and a breather in the lid.

FOAM TANK DRAIN

A system of 1.00" foam tank drains will be provided, integrated into the foam systems strainer and tank to foam pump valve management system. The tank to pump hoses running from the tank(s) to the strainer will 1.00" diameter. The foam system controller will have a mode that allows for a given foam valve to be opened at will. Flow of foam from the tank valve to the strainer will be usable as a tank drain mode.

An adaptor will be supplied, that allows the 1.00" foam intake screen to assembly to be used as a drain outlet. The standard supplied 1.00" foam pick up hose will be attached to the screen assembly by way of the adapter. The drain mode will allow the operator to open and close the tank valve as required from the control head, to drain foam and re-fill foam containers through the connected hose, without foam spillage beneath the vehicle.

FOAM SYSTEM TRAINING

A demonstration shall be provided at the apparatus manufacturer's facility on the operation of the foam system.

This demonstration shall include:

- A review of the foam system manual emphasizing key areas
- A walk around review of the system components on the finished truck
- A hands-on foam system start-up and foam discharge session
- Instructions on the use of the manual overrides
- The proper way to shut down and flush the foam system.

PUMP COMPARTMENT

The pump compartment will be separate from the hose body and compartments so that each may flex independently of the other. It will be a fabricated assembly of steel tubing, angles and channels which supports both the fire pump and the side running boards.

The pump compartment will be mounted on the chassis frame rails with rubber biscuits in a four point pattern to allow for chassis frame twist.

Pump compartment, pump, plumbing and gauge panels will be removable from the chassis in a single assembly.

PUMP MOUNTING

Pump will be mounted to a substructure which will be mounted to the chassis frame rail using rubber isolators. The mounting will allow chassis frame rails to flex independently without damage to the fire pump.

LEFT SIDE PUMP CONTROL PANELS

All pump controls and gauges will be located at the left (driver's) side of the apparatus and properly identified.

Layout of the pump control panel will be ergonomically efficient and systematically organized.

The pump operator's control panel will be removable in two (2) main sections for ease of maintenance:

The upper section will contain sub panels for the mounting of the pump pressure control device, engine monitoring gauges, electrical switches, and foam controls (if applicable). Sub panels will be removable from the face of the pump panel for ease of maintenance. Below the sub panels will be located all valve controls and line pressure gauges.

The lower section of the panel will contain all inlets, outlets, and drains.

All push/pull valve controls will have 1/4 turn locking control rods with polished chrome plated zinc tee handles. Guides for the push/pull control rods will be chrome plated zinc castings securely mounted to the pump panel. Push/pull valve controls will be capable of locking in any position. The control rods will pull straight out of the panel and will be equipped with universal joints to eliminate binding.

IDENTIFICATION TAGS

The identification tag for each valve control will be recessed in the face of the tee handle.

All discharge outlets will have color coded identification tags, with each discharge having its own unique color. Color coding will include the labeling of the outlet and the drain for each corresponding discharge.

All line pressure gauges will be mounted directly above the corresponding discharge control tee handles and recessed within the same chrome plated casting as the rod guide for quick identification.

The gauge and rod guide casting will be removable from the face of the pump panel for ease of maintenance. The casting will be color coded to correspond with the discharge identification tag.

All remaining identification tags will be mounted on the pump panel in chrome plated bezels.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The pump panel on the right (passenger's) side will be removable with lift and turn type fasteners.

Trim rings will be installed around all inlets and outlets.

The trim rings for the side discharge outlets will be color coded and labeled to correspond with the discharge identification tag.

PUMP PANEL CONFIGURATION

The pump panel configuration will be arranged and installed in an organized manner that will provide user-friendly operation.

PUMP AND GAUGE PANEL

The pump and gauge panels will be constructed of aluminum with a painted FormCoat black finish. A polished aluminum trim molding will be provided around each panel.

The passenger's side pump panel will be removable and fastened with swell type fasteners.

PUMP COMPARTMENT LIGHT

A pump compartment light will be provided inside the right side pump enclosure and accessible through a door on the pump panel.

A .125" weep hole will be provided in each light lens, preventing moisture retention.

PUMP PANEL GAUGES AND CONTROLS

The following will be provided on the pump panels in the FRC IN Control Pressure Governor system

- Engine Oil Pressure Gauge: LED bar graph display
- Engine Water Temperature Gauge: LED bar graph display
- Tachometer: over 1/2" high LED digits
- Master Pump Drain Control
- Voltmeter: LED bar graph display

AIR HORN BUTTON

An air horn control button shall be provided at the pump operator's control panel. This button shall be red in color and properly labeled "Evacuation".

VACUUM AND PRESSURE GAUGES

The pump vacuum and pressure gauges will be liquid filled and manufactured by Class 1 Incorporated ©.

The gauges will be a minimum of 4.50" in diameter and will have white faces with black lettering, with a pressure range of 30.00"-0-600#.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The pump pressure and vacuum gauges will be installed adjacent to each other at the pump operator's control panel.

Test port connections will be provided at the pump operator's panel. One will be connected to the intake side of the pump, and the other to the discharge manifold of the pump. They will have 0.25 in. standard pipe thread connections and polished stainless steel plugs. They will be marked with a label.

PRESSURE GAUGES

The individual "line" pressure gauges for the discharges will be interlube filled and manufactured by Class 1©.

They will be a minimum of 2.50" in diameter and will have white faces with black lettering.

Gauges will be compound type with a vacuum/pressure range of 30.00"-0-400#.

The individual pressure gauge will be installed as close to the outlet control as practical.

WATER LEVEL GAUGE

A Fire Research TankVision Pro model WLA300-A00 water tank indicator gauge will be installed on the pump operator's panel. The gauge kit will include an electronic indicator module, a pressure sensor, and a 10' sensor cable. The gauge will show the volume of water in the tank on nine (9) easy to see super bright RGB LEDs. A wide view lens over the LEDs will provide for a viewing angle of 180 degrees. The gauge case will be waterproof, manufactured of Polycarbonate/Nylon material, and have a distinctive blue label.

The program features will be accessed from the front of the indicator module. The program will support self-diagnostics capabilities, self-calibration, six (6) programmable colored light patterns to display tank volume, adjustable brightness control levels and a data link to connect remote indicators. Low water warnings will include flashing LEDs at 1/4 tank and down chasing LEDs when the tank is almost empty.

The gauge will receive an input signal from an electronic pressure sensor. The sensor will be mounted from the outside of the water tank near the bottom. No probe will be placed on the interior of the tank. Wiring will be weather resistant and have automotive type plug-in connectors.

WATER LEVEL GAUGE

There will be two (2) additional water level indicator, Whelen®, Model PSTANK, LED module installed one (1) each side rearward of crew cab doors.

This light module will include four (4) colored levels, and function similar to the water level indicator located at the operators panel:

- First green module indicates a full water level
- Second blue module indicates a water level above 3/4 full
- Third amber module indicates a water level above 1/2 full
- Last red module indicates a water level above 1/4 full and empty
 - Above 1/4 this light will be steady burning
 - At empty this light will be flashing

This module will be activated when the parking brake is applied.

CLASS "A" FOAM LEVEL GAUGE

A Fire Research TankVision Pro model WLA360-A00 cell/tank level indicator kit shall be installed on the pump operator's panel. The kit will include an electronic indicator module, a pressure sensor, a 10' sensor cable and a tank vent. The indicator will show the volume of Class "A" foam concentrate in the cell/tank on nine (9) easy to see super bright RGB LEDs. A wide view lens over the LEDs will provide for a viewing angle of 180 degrees.

The indicator case will be waterproof, manufactured of Polycarbonate/Nylon material and have a distinctive green label.

The program features will be accessed from the front of the indicator module. The program will support self-diagnostics capabilities, self-calibration, six (6) programmable colored light patterns to display cell/tank volume, adjustable brightness control levels and a data link to connect remote indicators. Low foam level warnings will include flashing LEDs at 1/4 cell/tank and down chasing LEDs when the cell/tank is almost empty.

The indicator will receive an input signal from an electronic pressure sensor. The sensor will be mounted from the outside of the foam cell/tank near the bottom. No probe will be placed on the interior of the cell/tank. Wiring will be weather resistant and have automotive type plug-in connectors.

STEP/LIGHT SHIELD

There will be an aluminum treadplate stepping surface no less than 8.00" deep and properly reinforced to support a man's weight, installed over the pump operator's panel.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

- There will be 12 volt DC white LED lights installed under the step to illuminate the controls, switches, essential instructions, gauges, and instruments necessary for the operation of the apparatus. These lights will be activated by the pump panel light switch. Additional lights will be included every 18.00" depending on the size of the pump house.
- One (1) pump panel light will come on when the pump is in ok to pump mode.

There will be a light activated above the pump panel light switch when the parking brake is set. This is to afford the operator some illumination when first approaching the control panel.

There will be a green pump engaged indicator light activated on at the operator's panel when the pump is shifted into gear from inside the cab.

There will be one (1) white LED, step light provided above this step. In order to ensure exceptional illumination, each step light will provide a minimum of 25 foot-candles (fc) covering an entire 15.00" x 15.00" square placed 10.00" below the light and a minimum of 1.5 fc covering an entire 30.00" x 30.00" square at the same 10.00" distance below the light. The step light will be activated by the pump panel light switch.

There will be three (3) white LED scene lights with ABS chrome housing, installed above the passenger side pump panel.

In order to ensure exceptional illumination, each light will provide a minimum of 25 foot-candles (fc) covering an entire 15" x 15" square placed ten (10) inches below the light and a minimum of 1.5 fc covering an entire 30" x 30" square at the same ten (10) inch distance below the light.

The lights will be operated from a switch on the pump panel.

AIR HORN SYSTEM

Two (2) Grover, Stutter Tone, air horns will be recessed in the front bumper. The horn system will be piped to the air brake system wet tank utilizing 0.38" tubing. A pressure protection valve will be installed in-line to prevent loss of air in the air brake system.

AIR HORN LOCATION

The air horns will be located on the left side of the bumper, outside of the frame rail.

AIR HORN CONTROL

The air horns will be actuated by two (2) foot switches, one (1) located on the officer's side and one (1) on the driver's side.

ELECTRONIC SIREN

A Whelen®, Model 295SLSA1, electronic siren with noise canceling microphone will be provided.

This siren will be active when the battery switch is on and that emergency master switch is on.

Electronic siren head will be located in the center console.

SIREN CONTROL

The electronic siren will be controllable on the siren head and horn ring only. No foot switches will be required.

The driver will have the option to control the siren or the chassis horns from the horn button by means of a selector switch located on the instrument panel.

SPEAKER

There will be one (1) Whelen®, Model SA315P, black nylon composite, 100-watt, speaker with through bumper mounting brackets and polished stainless steel grille provided. The speaker will be connected to the siren amplifier.

The speaker will be recessed in the right side of the front bumper, just outside of the frame rail.

AUXILIARY MECHANICAL SIREN

A Federal Q2B® siren will be furnished. A siren brake button will be installed on the switch panel.

The control solenoid will be powered up after the emergency master switch is activated.

The mechanical siren will be recessed behind the front bumper on the right side. The siren will be supported by the bumper framework. The Federal, Model MSFMT-EF, grille will be used on the front bumper in place of the standard Q2B mechanical siren grille.

The mechanical siren will be actuated by two (2) foot switches, one (1) located on the officer's side and one (1) on the driver's side.

FRONT ZONE UPPER WARNING LIGHTS

There will be one (1) 81.00" Whelen Freedom IV LED lightbar mounted on the cab roof.

The lightbar will include the following:

- One (1) red flashing LED module in the driver's side end position.
- One (1) red flashing LED module in the driver's side front corner position.
- One (1) red flashing LED module in the driver's side first front position.
- One (1) white flashing LED module in the driver's side second front position.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

- One (1) red flashing LED module in the driver's side third front position.
- One (1) red flashing LED module in the driver's side fourth front position.
- Open in the driver's side fifth front position.
- Open in the driver's side sixth front position.
- Open in the driver's side seventh front position.
- Open in the passenger's side seventh front position.
- Open in the passenger's side sixth front position.
- Open in the passenger's side fifth front position.
- One (1) red steady burning LED module in the passenger's side fourth front position.
- One (1) red flashing LED module in the passenger's side third front position.
- One (1) white flashing LED module in the passenger's side second front position.
- One (1) red flashing LED module in the passenger's side first front position.
- One (1) red flashing LED module in the passenger's side front corner position.
- One (1) red flashing LED module in the passenger's side end position.

There will be clear lenses included on the lightbar.

There will be a switch installed in the cab on the switch panel to control this lightbar.

The white flashing LED modules will be disabled when the parking brake is applied.

The six (6) red LED modules in the front positions may be load managed when the parking brake is applied.

FRONT ZONE LOWER LIGHTS

There will be two (2) pair of Whelen, Model M6**, LED lights installed on the cab face above the headlights, in a common bezel matching the one for the headlamps.

- The driver's side front outside warning light to be red
- The driver's side front inside warning light to be red
- The passenger's side front inside warning light to be red
- The passenger's side front outside warning light to be red
- The color of the lenses will be the same color as the LED's

There will be a switch located in the cab on the switch panel to control the lights.

HEADLIGHT FLASHER

The high beam headlights will flash alternately between the left and right side.

There will be a switch installed in the cab on the switch panel to control the high beam flash. This switch will be live when the battery switch and the emergency master switches are on.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The flashing will automatically cancel when the hi-beam headlight switch is activated or when the parking brake is set.

SIDE ZONE LOWER LIGHTING

There will be four (4) Whelen®, Model M6*, LED flashing warning lights with chrome trim installed per the following:

- Two (2) lights, one (1) each side on the bumper extension. The side front lights to be red.
- Two (2) lights, one (1) each side above rear wheels. The side rear lights to be red.
- The lights will include lenses that are the same color as the LEDs.

REAR ZONE LOWER LIGHTING

There will be two (2) Whelen®, Model M6*, LED flashing warning lights will be located at the rear of the apparatus.

- The driver's side rear light to be red
- The passenger's side rear light to be red

Both lights will include a lens that is the same color as the LED's.

There will be a switch located in the cab on the switch panel to control the lights.

WARNING LIGHTS (REAR AND SIDE UPPER ZONES)

Four (4) Whelen, model M6* LED flashing warning lights will be provided at the rear of the apparatus with Whelen, 6EFLANGE chrome flanges.

- The side rear upper light(s) on the driver's side to be red.
- The rear upper light(s) on the driver's side to be red.
- The rear upper light(s) on the passenger's side to be red.
- The side rear upper light(s) on the passenger's side to be red.
- These lights will include a lens that is the same color as the LED's.

There will be a switch located in the cab on the switch panel to control the lights.

REAR LIGHT MOUNTING

The rear warning lights will be mounted on the rear side sheet flange and rear bulkhead of the body as high as possible with all wiring totally enclosed.

TRAFFIC DIRECTING LIGHT

There will be one (1) Whelen, Model TADP8, 30.36" long x 1.74" high x 2.17" deep, LED traffic directing light installed at the rear of the apparatus.

- The light will include eight (8) amber Model LINZ6, LED modules.
- The Whelen, Model TADCTL1, control head will be included with this installation.
- This traffic directing light will be recessed with a stainless steel trim plate at the rear of the apparatus as high as practical.

The traffic directing light control head shall be located overhead in the center panel position.

120 VOLT RECEPTACLE

There will be two (2), 4-place receptacle box(es) with four (4) 15/20 amp 120 volt AC three (3) wire straight blade receptacles with exterior flip up cover(s) installed at a location to be determined at the pre-construction conference. The NEMA configuration for the receptacles will be 5-15R.

The receptacle(s) will be powered from the shoreline inlet.

There will be a label installed near the receptacle(s) that state the following:

- Line Voltage
- Current Rating (amps)
- Phase
- Frequency
- Power Source

LOOSE EQUIPMENT

The following equipment will be furnished with the completed unit:

- One (1) bag of chrome, stainless steel, or cadmium plated screws, nuts, bolts and washers, as used in the construction of the unit.

NFPA REQUIRED LOOSE EQUIPMENT PROVIDED BY FIRE DEPARTMENT

The following loose equipment as outlined in NFPA 1901, 2016 edition, section 5.9.3 and 5.9.4 will be provided by the fire department.

- 800 ft (60 m) of 2.50" (65 mm) or larger fire hose.
- 400 ft (120 m) of 1.50" (38 mm), 1.75" (45 mm), or 2.00" (52 mm) fire hose.
- One (1) handline nozzle, 200 gpm (750 L/min) minimum.
- Two (2) handline nozzles, 95 gpm (360 L/min) minimum.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

- One (1) smoothbore of combination nozzle with 2.50" shutoff that flows a minimum of 250 gpm.
- One (1) SCBA complying with NFPA 1981 for each assigned seating position, but not fewer than four (4), mounted in brackets fastened to the apparatus or stored in containers supplied by the SCBA manufacturer.
- One (1) spare SCBA cylinder for each SCBA carried, each mounted in a bracket fastened to the apparatus or stored in a specially designed storage space(s).
- One (1) first aid kit.
- Four (4) combination spanner wrenches.
- Two (2) hydrant wrenches.
- One (1) double female 2.50" (65 mm) adapter with National Hose threads.
- One (1) double male 2.50" (65 mm) adapter with National Hose threads.
- One (1) rubber mallet, for use on suction hose connections.
- Two (2) salvage covers each a minimum size of 12 ft x 14 ft (3.7 m x 4.3 m).
- One (1) traffic vest for each seating position, each vest to comply with ANSI/ISEA 207, *Standard for High Visibility Public Safety Vests*, and have a five-point breakaway feature that includes two (2) at the shoulders, two (2) at the sides, and one (1) at the front.
- Five (5) fluorescent orange traffic cones not less than 28.00" (711 mm) in height, each equipped with a 6.00" (152 mm) retro-reflective white band no more than 4.00" (152 mm) from the top of the cone, and an additional 4.00" (102 mm) retro-reflective white band 2.00" (51 mm) below the 6.00" (152 mm) band.
- Five (5) illuminated warning devices such as highway flares, unless the five (5) fluorescent orange traffic cones have illuminating capabilities.
- One (1) automatic external defibrillator (AED).
- Four (4) ladder belts meeting the requirements of NFPA 1983, *Standard on Fire Service Life Safety Rope and System Components* (if equipped with an aerial device).
- If the supply hose carried does not use sexless couplings, an additional double female adapter and double male adapter, sized to fit the supply hose carried, will be carried mounted in brackets fastened to the apparatus.
- If none of the pump intakes are valved, a hose appliance that is equipped with one or more gated intakes with female swivel connection(s) compatible with the supply hose used on one side and a swivel connection with pump intake threads on the other side will be carried. Any intake connection larger than 3.00" (75 mm) will include a pressure relief device that meets the requirements of 16.6.6.
- If the apparatus does not have a 2.50" National Hose (NH) intake, an adapter from 2.50" NH female to a pump intake will be carried, mounted in a bracket fastened to the apparatus if not already mounted directly to the intake.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

- If the supply hose carried has other than 2.50" National Hose (NH) threads, adapters will be carried to allow feeding the supply hose from a 2.50" NH thread male discharge and to allow the hose to connect to a 2.50" NH female intake, mounted in brackets fastened to the apparatus if not already mounted directly to the discharge or intake.

SOFT SUCTION HOSE PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2016 edition, section 5.8.2.1 requires a minimum of 20' of suction hose or 15' of supply hose will be carried.

Hose is not on the apparatus as manufactured. The fire department will provide suction or supply hose.

STRAINER PROVIDED BY DEALER

NFPA 1901, 2016 edition, section 5.8.2.1.1 requires a suction strainer when suction hose is provided.

The strainer is not on the apparatus as manufactured. The dealer will provide the suction strainer.

DRY CHEMICAL EXTINGUISHER PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2016 edition, section 5.9.4 requires one (1) approved dry chemical portable fire extinguisher with a minimum 80-B:C rating mounted in a bracket fastened to the apparatus.

The extinguisher is not on the apparatus as manufactured. The fire department will provide and mount the extinguisher.

WATER EXTINGUISHER PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2016 edition, section 5.9.4 requires one (1) 2.5 gallon or larger water extinguisher mounted in a bracket fastened to the apparatus.

The extinguisher is not on the apparatus as manufactured. The fire department will provide and mount the extinguisher.

FLATHEAD AXE PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2016 edition, Section 5.9.4 requires one (1) flathead axe mounted in a bracket fastened to the apparatus.

The axe is not on the apparatus as manufactured. The fire department will provide and mount the axe.

PICKHEAD AXE PROVIDED BY FIRE DEPARTMENT

NFPA 1901, 2016 edition, Section 5.9.4 requires one (1) pickhead axe mounted in a bracket fastened to the apparatus.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

The axe is not on the apparatus as manufactured. The fire department will provide and mount the axe.

PAINT

The exterior custom cab and body painting procedure will consist of a seven (7) step finishing process as follows:

7. Manual Surface Preparation - All exposed metal surfaces on the custom cab and body will be thoroughly cleaned and prepared for painting. Imperfections on the exterior surfaces will be removed and sanded to a smooth finish. Exterior seams will be sealed before painting. Exterior surfaces that will not be painted include; chrome plating, polished stainless steel, anodized aluminum and bright aluminum treadplate.
8. Chemical Cleaning and Pretreatment - All surfaces will be chemically cleaned to remove dirt, oil, grease, and metal oxides to ensure the subsequent coatings bond well. The aluminum surfaces will be properly cleaned and treated using a high pressure, high temperature 4 step Acid Etch process. The steel and stainless surfaces will be properly cleaned and treated using a high temperature 3 step process specifically designed for steel or stainless. The chemical treatment converts the metal surface to a passive condition to help prevent corrosion. A final pure water rinse will be applied to all metal surfaces.
9. Surfacer Primer - The Surfacer Primer will be applied to a chemically treated metal surface to provide a strong corrosion protective basecoat. A minimum thickness of 2 mils of Surfacer Primer is applied to surfaces that require a Critical aesthetic finish. The Surfacer Primer is a two-component high solids urethane that has excellent sanding properties and an extra smooth finish when sanded.
10. Finish Sanding - The Surfacer Primer will be sanded with a fine grit abrasive to achieve an ultra-smooth finish. This sanding process is critical to produce the smooth mirror like finish in the topcoat.
11. Sealer Primer - The Sealer Primer is applied prior to the Basecoat in all areas that have not been previously primed with the Surfacer Primer. The Sealer Primer is a two-component high solids urethane that goes on smooth and provides excellent gloss hold out when top coated.
12. Basecoat Paint - Two coats of a high performance, two component high solids polyurethane basecoat will be applied. The Basecoat will be applied to a thickness that will achieve the proper color match. The Basecoat will be used in conjunction with a urethane clear coat to provide protection from the environment.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

13. Clear Coat - Two (2) coats of Clear Coat will be applied over the Basecoat color. The Clear Coat is a two-component high solids urethane that provides superior gloss and durability to the exterior surfaces. Lap style and roll-up doors will be Clear Coated to match the body. Paint warranty for the roll-up doors will be provided by the roll-up door manufacture.

Each batch of basecoat color is checked for a proper match before painting of the cab and the body. After the cab and body are painted, the color is verified again to make sure that it matches the color standard. Electronic color measuring equipment is used to compare the color sample to the color standard entered into the computer. Color specifications are used to determine the color match. A Delta E reading is used to determine a good color match within each family color.

All removable items such as brackets, compartment doors, door hinges, and trim will be removed and separately if required, to ensure paint behind all mounted items. Body assemblies that cannot be finish painted after assembly will be finish painted before assembly.

Pierce Manufacturing paint finish quality levels for critical areas of the apparatus (cab front and sides, body sides and doors, and boom lettering panels) meet or exceed the Cadillac/General Motors GMW15777 global paint requirements. Orange peel levels meet or exceed the #6 A.C.T. standard in critical areas. These requirements are met in order for the exterior paint finish to be considered acceptable. The Pierce Manufacturing written paint standards will be available upon request.

The cab will be two-tone, with the upper section painted #101 black along with a shield design on the cab face and lower section of the cab and body painted #90 red.

PAINT - ENVIRONMENTAL IMPACT

Contractor will meet or exceed all current State regulations concerning paint operations. Pollution control will include measures to protect the atmosphere, water and soil. Controls will include the following conditions:

- Topcoats and primers will be chrome and lead free.
- Metal treatment chemicals will be chrome free. The wastewater generated in the metal treatment process will be treated on-site to remove any other heavy metals.
- Particulate emission collection from sanding operations will have a 99.99% efficiency factor.
- Particulate emissions from painting operations will be collected by a dry filter or water wash process. If the dry filter is used, it will have an efficiency rating of 98.00%. Water wash systems will be 99.97% efficient
- Water from water wash booths will be reused. Solids will be removed on a continual basis to keep the water clean.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

- Paint wastes are disposed of in an environmentally safe manner.
- Empty metal paint containers will be to recover the metal.
- Solvents used in clean-up operations will be recycled on-site or sent off-site for distillation and returned for reuse.

Additionally, the finished apparatus will not be manufactured with or contain products that have ozone depleting substances. Contractor will, upon demand, present evidence that the manufacturing facility meets the above conditions and that it is in compliance with his State EPA rules and regulations.

PAINT CHASSIS FRAME ASSEMBLY

The chassis frame assembly will be painted black before the installation of the cab and body, and before installation of the engine and transmission assembly, air brake lines, electrical wire harnesses, etc.

Components treated with epoxy E-coat protection prior to paint:

- Two (2) C-channel frame rails

Components that are included with the chassis frame assembly that will be painted not e-coated are:

- Cross members
- Axles
- Suspensions
- Steering gear
- Battery boxes
- Bumper extension weldment
- Frame extensions
- Body mounting angles
- Rear Body support substructure (front and rear)
- Pump house substructure
- Air tanks
- Fuel tank
- Castings
- Individual piece parts used in chassis and body assembly

The E-coat process will meet the technical properties shown.

COMPARTMENT INTERIOR FINISH

The interior of the compartments will be dual action finished and not painted.

FILM TECHNICAL PROPERTIES		
PROPERTY	TEST METHOD	PERFORMANCE
Color	—	Black
Film Thickness	—	0.5 - 1.5 Mils.
Gloss - 60 Degree	ASTM D523	65 - 85
Pencil Hardness	ASTM D3363	2H Minimum
Direct Impact	ASTM D2794	100 in. - lbs. Minimum
Reverse Impact	ASTM D2794	60 in. - lbs. Minimum
Crosshatch Adhesion	ASTM D3359	4B - 5B
Humidity	ASTM D1735	1000 Hours Minimum
Water Immersion	ASTM D870	250 Hours Minimum
Gravelometer	GM9508P	6 Minimum
Throwpower	GM9535P	12 - 15 in.
Cold rolled steel lab panels, Zinc Phosphate pretreatment, 0.6 mils average film thickness, cured 20 minutes @ 350°F.		
PROPERTY	SUBSTRATE PRETREATMENT	SALT SPRAY* 1000 HOURS
Corrosion Resistance	CRS / Zinc Phos / Non-Chrome	1 - 2 mm
*Salt Spray - ASTM B117; cold rolled steel lab panels cured 20 minutes @ 350°F. [Average Total Scribe Creep]		

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

REFLECTIVE STRIPES

Three (3) reflective stripes will be provided across the front of the vehicle and along the sides of the body. The reflective band will consist of a 1.00" black stripe at the top with a 1.00" gap then a 6.00" black stripe with a 1.00" gap and a 1.00" black stripe on the bottom.

REFLECTIVE, CAB FACE, BELOW GRILLE

The reflective band provided on the cab face will be between the front grille and the front bumper.

REAR CHEVRON STRIPING

There will be alternating chevron striping located on the rear-facing vertical surface of the apparatus. The rear surface, excluding the rear compartment door, will be covered.

The colors will be red and fluorescent yellow green diamond grade.

Each stripe will be 6.00" in width.

This will meet the requirements of the current edition of NFPA 1901, which states that 50% of the rear surface will be covered with chevron striping.

CAB DOOR REFLECTIVE STRIPE

A 6.00" x 16.00" black reflective stripe will be provided across the interior of each cab door. The stripe will be located approximately 1.00" up from the bottom, on the door panel.

This stripe will meet the NFPA 1901 requirement.

CAB STRIPE

There will be a genuine gold leaf stripe provided on both sides of the cab in place of the chrome molding and on the cab face with shield.

LETTERING

The lettering will be totally encapsulated between two (2) layers of clear vinyl.

LETTERING

Forty-one (41) to sixty (60) printed effect gold leaf lettering, 3.00" high, with outline and shade will be provided.

LETTERING

There will be non-reflective vinyl lettering, 18.00" high, with no outline or shade provided. There will be four (4) letters provided.

LETTERING

One (1) to twenty (20) reflective lettering, 8.00" high, with outline and shade will be provided.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

LETTERING

One (1) to twenty (20) reflective lettering, 6.00" high, with outline and shade will be provided.

DECAL INSTALLATION

There will be one (1) pair of decals furnished by the fire department and applied by the apparatus manufacturer.

FIRE APPARATUS PARTS CD MANUAL

There will be two (2) custom parts manuals for the complete fire apparatus provided in CD format with the completed unit.

The manuals will contain the following:

- Job number
- Part numbers with full descriptions
- Table of contents
- Parts section sorted in functional groups reflecting a major system, component, or assembly
- Parts section sorted in alphabetical order
- Instructions on how to locate parts

The manuals will be specifically written for the chassis and body model being purchased. It will not be a generic manual for a multitude of different chassis and bodies.

SERVICE PARTS INTERNET SITE

The service parts information included in these manuals are also available on the factory website. The website offers additional functions and features not contained in this manual, such as digital photographs and line drawings of select items. The website also features electronic search tools to assist in locating parts quickly.

CHASSIS SERVICE MANUALS

One (1) chassis service manuals containing parts and service information on major components will be provided with the completed unit.

One (1) compact disk (CD) will also be provided that will include all of the information from the above manual.

The manuals will contain the following sections:

- Job number
- Table of contents
- Troubleshooting
- Front Axle/Suspension

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

- Brakes
- Engine
- Tires
- Wheels
- Cab
- Electrical, DC
- Air Systems
- Plumbing
- Appendix

The manual will be specifically written for the chassis model being purchased. It will not be a generic manual for a multitude of different chassis and bodies.

CHASSIS OPERATION CD MANUALS

There will be two (2) CD format chassis operation manuals provided.

ONE (1) YEAR MATERIAL AND WORKMANSHIP

A Pierce basic apparatus limited warranty certificate, WA0008, is included with this proposal.

ENGINE WARRANTY

A Cummins **five (5) year** limited engine warranty will be provided. A limited warranty certificate, WA0181, is included with this proposal.

STEERING GEAR WARRANTY

A TRW **one (1) year** limited steering gear warranty will be provided. A copy of the warranty certificate will be submitted with the bid package.

FIFTY (50) YEAR STRUCTURAL INTEGRITY

The Pierce custom chassis frame limited warranty certificate, WA0013, is included with this proposal.

FRONT AXLE WARRANTY

An Eaton **five (5)-year/100,000 mile** parts and labor warranty will be provided.

REAR AXLE WARRANTY

An Eaton **five (5)-year/100,000 mile** parts and labor warranty will be provided.

ABS BRAKE SYSTEM THREE (3) YEAR MATERIAL AND WORKMANSHIP WARRANTY

A Meritor Wabco™ ABS brake system limited warranty certificate, WA0232, is included with this proposal.

TEN (10) YEAR STRUCTURAL INTEGRITY

The Pierce custom cab limited warranty certificate, WA0012, is included with this proposal.

TEN (10) YEAR PRO-RATED PAINT AND CORROSION

A Pierce cab limited pro-rated paint warranty certificate, WA0055, is included with this proposal.

FIVE (5) YEAR MATERIAL AND WORKMANSHIP

The Pierce Command Zone electronics limited warranty certificate, WA0014, is included with this proposal.

CAMERA SYSTEM WARRANTY

A Pierce fifty four (54) month warranty will be provided for the camera system.

COMPARTMENT LIGHT WARRANTY

The Pierce 12 volt DC LED strip lights limited warranty certificate, WA0203, is included with this proposal.

TRANSMISSION WARRANTY

The transmission will have a **five (5) year/unlimited mileage** warranty covering 100 percent parts and labor. The warranty will be provided by Allison Transmission.

Note: The transmission cooler is not covered under any extended warranty you may be getting on your Allison Transmission. Please review your Allison Transmission warranty for coverage limitations.

TRANSMISSION COOLER WARRANTY

The transmission cooler will carry a five (5) year parts and labor warranty (exclusive to the transmission cooler). In addition, a collateral damage warranty will also be in effect for the first three (3) years of the warranty coverage and will not exceed \$10,000 per occurrence. A copy of the warranty certificate will be submitted with the bid package.

WATER TANK WARRANTY

A UPF poly water tank limited warranty certificate, WA0195, is included with this proposal.

TEN (10) YEAR STRUCTURAL INTEGRITY

The Pierce apparatus body limited warranty certificate, WA0009, is included with this proposal.

ROLL UP DOOR MATERIAL AND WORKMANSHIP WARRANTY

A Gortite roll-up door limited warranty will be provided. The mechanical components of the roll-up door will be warranted against defects in material and workmanship for the lifetime of the vehicle. A **six (6) year** limited warranty will be provided on painted and satin roll up doors.

The limited warranty certificate, WA0190, is included with this proposal.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

PUMP WARRANTY

A Waterous pump limited warranty certificate, WA0225, is included with this proposal.

TEN (10) YEAR PUMP PLUMBING WARRANTY

The Pierce apparatus plumbing limited warranty certificate, WA0035, is included with this proposal.

FOAM SYSTEM WARRANTY

The Husky 3 foam system limited warranty certificate, WA0231, is included with this proposal.

TEN (10) YEAR PRO-RATED PAINT AND CORROSION

A Pierce body limited pro-rated paint warranty certificate, WA0057, is included with this proposal.

THREE (3) YEAR MATERIAL AND WORKMANSHIP

The Pierce Goldstar gold leaf lamination limited warranty limited warranty certificate, WA0018, is included with this proposal.

VEHICLE STABILITY CERTIFICATION

The fire apparatus manufacturer will provide a certification stating the apparatus complies with NFPA 1901, current edition, section 4.13, Vehicle Stability. The certification will be provided at the time of bid.

ENGINE INSTALLATION CERTIFICATION

The fire apparatus manufacturer will provide a certification, along with a letter from the engine manufacturer stating they approve of the engine installation in the bidder's chassis. The certification will be provided at the time of delivery.

POWER STEERING CERTIFICATION

The fire apparatus manufacturer will provide a certification stating the power steering system as installed meets the requirements of the component supplier. The certification will be provided at the time of bid.

CAB INTEGRITY CERTIFICATION

The fire apparatus manufacturer will provide a cab crash test certification with this proposal. The certification will state that a specimen representing the substantial structural configuration of the cab has been tested and certified by an independent third party test facility. Testing events will be documented with photographs, real-time and high-speed video, vehicle accelerometers, cart accelerometers, and a laser speed trap. The fire apparatus manufacturer will provide a state licensed professional engineer to witness and certify all testing events.

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

Testing will meet or exceed the requirements below:

- European Occupant Protection Standard ECE Regulation No.29.
- SAE J2422 Cab Roof Strength Evaluation - Quasi-Static Loading Heavy Trucks.
- SAE J2420 COE Frontal Strength Evaluation - Dynamic Loading Heavy Trucks.
- Roof Crush

The cab will be subjected to a roof crush force of 22,500 lb. This value meets the ECE 29 criteria, and is equivalent to the front axle rating up to a maximum of ten (10) metric tons.

- Side Impact

The same cab will be subjected to dynamic preload where a 13,275-lb moving barrier is slammed into the side of the cab at 5.50 mph, striking with an impact of 13,000 ft-lb of force. This test is part of the SAE J2422 test procedure and more closely represents the forces a cab will see in a rollover incident.

- Frontal Impact

The same cab will withstand a frontal impact of 32,600 ft-lb of force using a moving barrier in accordance with SAE J2420.

- Additional Frontal Impact

The same cab will withstand a frontal impact of 65,200 ft-lb of force using a moving barrier. (Twice the force required by SAE J2420)

The same cab will withstand all tests without any measurable intrusion into the survival space of the occupant area.

CAB DOOR DURABILITY CERTIFICATION

Robust cab doors help protect occupants. Cab doors will survive a 200,000 cycle door slam test where the slamming force exceeds 20 G's of deceleration. The bidder will certify that the sample doors similar to those provided on the apparatus have been tested and have met these criteria without structural damage, latch malfunction, or significant component wear.

WINDSHIELD WIPER DURABILITY CERTIFICATION

Visibility during inclement weather is essential to safe apparatus performance. Windshield wipers will survive a 3 million cycle durability test in accordance with section 6.2 of SAE J198 *Windshield Wiper Systems - Trucks, Buses and Multipurpose Vehicles*. The bidder will certify that the wiper system design has been tested and that the wiper system has met these criteria.

ELECTRIC WINDOW DURABILITY CERTIFICATION

Cab window roll-up systems can cause maintenance problems if not designed for long service life. The window regulator design will complete 30,000 complete up-down cycles and still function normally when finished. The bidder will certify that sample doors and windows similar to those provided on the apparatus have been tested and have met these criteria without malfunction or significant component wear.

SEAT BELT ANCHOR STRENGTH

Seat belt attachment strength is regulated by Federal Motor Vehicle Safety Standards and should be validated through testing. Each seat belt anchor design will withstand 3000 lb of pull on both the lap and shoulder belt in accordance with FMVSS 571.210 Seat Belt Assembly Anchorages. The bidder will certify that each anchor design was pull tested to the required force and met the appropriate criteria.

SEAT MOUNTING STRENGTH

Seat attachment strength is regulated by Federal Motor Vehicle Safety Standards and should be validated through testing. Each seat mounting design will be tested to withstand 20 G's of force in accordance with FMVSS 571.207 Seating Systems. The bidder will certify, at time of delivery, that each seat mount and cab structure design was pull tested to the required force and met the appropriate criteria.

CAB DEFROSTER CERTIFICATION

Visibility during inclement weather is essential to safe apparatus performance. The defroster system will clear the required windshield zones in accordance with SAE J381 Windshield Defrosting Systems Test Procedure and Performance Requirements - Trucks, Buses, And Multipurpose Vehicles. The bidder will certify that the defrost system design has been tested in a cold chamber and passes the SAE J381 criteria.

CAB HEATER CERTIFICATION

Good cab heat performance and regulation provides a more effective working environment for personnel, whether in-transit, or at a scene. The cab heaters will warm the cab 77 degrees Fahrenheit from a cold-soak, within 30 minutes when tested using the coolant supply methods found in SAE J381. The bidder will certify, at time of delivery, that a substantially similar cab has been tested and has met these criteria.

CAB AIR CONDITIONING PERFORMANCE CERTIFICATION

Good cab air conditioning temperature and air flow performance keeps occupants comfortable, reduces humidity, and provides a climate for recuperation while at the scene. The cab air

City of Ukiah Fire Department
Specifications For: One (1) Pierce Enforcer Type 1 Engine
April 6, 2017 (Quote# 500406-17-AA)

conditioning system will cool the cab from a heat-soaked condition at 100 degrees Fahrenheit to an average of 78 degrees Fahrenheit in 30 minutes. The bidder will certify that a substantially similar cab has been tested and has met these criteria.

AMP DRAW REPORT

The bidder will provide, at the time of bid and delivery, an itemized print out of the expected amp draw of the entire vehicle's electrical system.

The manufacturer of the apparatus will provide the following:

- Documentation of the electrical system performance tests.
- A written load analysis, which will include the following:
 - The nameplate rating of the alternator.
 - The alternator rating under the conditions specified per:
 - Applicable NFPA 1901 or 1906 (Current Edition).
 - The minimum continuous load of each component that is specified per:
 - Applicable NFPA 1901 or 1906 (Current Edition).
 - Additional loads that, when added to the minimum continuous load, determine the total connected load.
 - Each individual intermittent load.

All of the above listed items will be provided by the bidder per the applicable NFPA 1901 or 1906 (Current Edition).

END OF SPECIFICATIONS

FIRE APPARATUS



Electrical Analysis

6/25/2017

Bid #: 655

Job #:

Desc: Enforcer Gen 2 Short Body

Sales Rep: Bauer, Jon

Customer: Ukiah FD

Organization: Golden State Fire Apparatus, Inc

Option	Description	Type*	Minimum Load	Intermittent Load	Total Connected
0001244	High Idle w/Electronic Engine, Custom		0.00	1.20	0.00
0002526	Light, Engine Compt, All Custom Chassis		0.00	1.60	0.00
0005215	Reel, Booster, Over Pump, Driver's Side, Steel		0.00	36.00	0.00
0005945	Light, Pump Compt		0.00	1.80	0.00
0006064	Control, Air Horn, DS & PS Foot Sw		0.00	0.83	0.00
0010670	ABS Wabco Brake System, Single rear axle		0.00	6.00	0.00
0016080	Siren, Federal Q2B		0.00	100.00	0.00
0060753	Water Level Gauge, Whelen PSTANK, LED 1-Light, 4-Level		0.00	0.00	1.00
0072153	Primer, Trident, Air Prime, Air Operated		0.00	0.01	0.00
0079166	Batteries, (4) Exide Grp 31, 950 CCA ea, Threaded Stud		0.00	3.00	0.00
0080713	Control, Air Horn At Pump Panel w/Red Button, Labeled "Evacuation"		0.00	0.16	0.00
0081564	Alarm, Back-Up Warning, ECCO 505, 87db Constant		0.00	0.50	0.00
0543751	Light, Do Not Move Apparatus		0.00	2.00	0.00
0549333	Indicators, Engine, Included with Pressure Controller		0.00	0.35	0.00
0561471	Lights, Backup, Whelen M6BUW, LED, For Tail Lt Housing		0.00	3.20	0.00
0592633	Foam Sys, Husky 3, Single Agent		0.00	55.00	0.00
0594194	Radio, AM/FM/CD/WB/Aux in, Panasonic		0.00	0.00	4.00
0598394	Wiring, Spare, 30 A 12V DC, 6 Circuit Fuse Block, Blue Sea 5025 1st		0.00	0.00	30.00
0602637	Portable Hand Light, Provided by Fire Dept, Pumper NFPA 2016		0.00	0.50	0.00
0604354	Gauge, Foam Level, FRC, Tank Vision Pro, WLA 360-A00, Class "A"		0.00	0.00	1.23
0629833	Compt, Storage, (2) Rear Facing, Overhead, 21 W x 10 H x 20 D,		0.00	0.00	7.20
0630636	Controls, Electric Roll-Up Windows, 4dr, 4 Driver Controls, Saber		0.00	26.00	0.00
0639727	Cab Lift, Elec/Hyd, Manual Override, Saber FR/Enforcer		0.00	180.00	0.00
0640629	Light, Whelen, 12V PCPSM1* Pioneer LED Fld/Spt, Surface Mount 1st		0.00	0.00	12.00
0640941	Light, Whelen, 12V PCPSM2* Pioneer LED Fld/Spt, Surface Mnt 2nd		0.00	0.00	12.00
0640991	Light, Whelen, 12V PCPSM2* Pioneer LED Fld/Spt, Surface Mnt 1st		0.00	0.00	12.00
0653526	Camera, Pierce, Driver Mux, Rear Camera Only		0.00	1.20	0.00
0653937	Flasher, Headlight Alternating		0.00	0.00	0.08
0687994	Engine Brake, Jacobs Compression Brake, Cummins Engine		0.00	0.42	0.00
0695195	Intercom, David Clark, 5-Pos, 3-Rad, (D,O,RPTT),2obC,P (R Belt		0.00	0.00	0.50
0696870	Lights, Side Scene, TecNiq, E960 LED, Stainless 1st Pr		0.00	0.00	1.20
0698805	Bracket, Johnny Ray, Heavy Duty Swivel, 14 lb. Rating		0.00	0.00	0.00
0792512	Light, Roof Mt, HiViz LED, FT-B-X-72-*-, Cnt Feature		0.00	0.00	23.84
0795596	Light, Whelen, 12V PFS2P Pioneer LED Pole Mt 2nd		0.00	0.00	13.00
0795916	Light, Whelen, 12V PFS2P Pioneer LED Pole Mt 1st		0.00	0.00	13.00
0799246	Light(s), Walking Surf, Amdor LumaBar H2O, LED, Cargo Areas		0.00	0.00	0.00
0548004	Wiring, Spare, 15 A 12V DC 1st	LM	0.00	0.00	45.00
0610968	Wiring, Spare, 2.5 A 12V DC, USB Termination Blue Sea 1016 1st	LM	0.00	0.00	7.50
0633308	Wiring, Spare, 30 A 12V DC, 6 Circuit Fuse Block, Blue Sea 5025 2nd	LM	0.00	0.00	30.00
0644194	Air Conditioning, Saber FR/Enforcer	LM	0.00	0.00	61.30
0644195	Heater/Defroster, Saber FR/Enforcer	LM	0.00	0.00	20.42
0002758	Amp Draw, NFPA/ULC Radio Allowance	NFPA	5.00	0.00	0.00
0092582	Load Manager/Sequencer, MUX	NFPA	0.56	0.56	0.00
0505599	Gauges, Engine - Pump Panel, Included with FRC Pump Boss Control	NFPA	0.30	0.00	0.00
0522730	Light, Over Passenger Side Pump Panel, P25 LED Stp Lt	NFPA	0.75	0.00	0.00
0525667	Siren, Whelen 295SLSA1, 100 or 200 Watt	NFPA	1.56	14.06	0.00
0540683	Lights, Side Zone Lower, Whelen M6* LED, Colored Lens 2pr	NFPA	3.60	5.40	0.00
0541116	Lights, Rear/Side Up Zone, Whelen M6* LED, Colored Lens 4lts	NFPA	4.00	0.00	0.00
0556360	Lights, Step, P25 LED 4lts, Pump Pnl Sw	NFPA	1.00	0.00	0.00
0563675	Lights, Clearance/Marker/ID, Rear, Truck-Lite 33050R LED 7Lts	NFPA	0.35	0.00	0.00

126

* UDMC = User Defined Mission Critical, LM = User Defined Load Managed, S = Electrical Amperage Supply



Electrical Analysis

6/25/2017

Bid #: 655

Job #:

Desc: Enforcer Gen 2 Short Body

Sales Rep: Bauer, Jon

Customer: Ukiah FD

Organization: Golden State Fire Apparatus, Inc

Option	Description	Type*	Minimum Load	Intermittent Load	Total Connected
0564654	Lights, Rear Zone Lower, Whelen M6* LED, Colored Lens, For Tail	NFPA	1.80	2.70	0.00
0564683	Lights, Tail, Whelen M6BTT* Red LED Stop/Tail & M6T* Amber LED	NFPA	0.83	2.49	0.00
0589484	PS 124" Lap, Full Height Front & Rear, Raised Rear 3"	NFPA	4.50	0.00	4.50
0589486	DS 124" Lap, Full Height Front & Rear, Raised Rear 3"	NFPA	4.50	0.00	4.50
0591982	Light, Traffic Directing, Whelen TADP8, 30.36" Long LED	NFPA	1.60	0.00	0.00
0600539	Lightbar, WIn, Freedom IV-Q, 81", RRRWRR____srRWRRR	NFPA	6.48	2.48	7.45
0603606	Cab Instruments, Ivory Gauges, Chrome Bezels, Enf MUX	NFPA	1.26	0.00	0.00
0605126	Pump Shift, Air w/Manual Override, Split Shaft, Interlocked, Watrous	NFPA	1.00	0.00	0.00
0607159	Gauge, Water Level, FRC, WLA 300-A00, TankVision Pro	NFPA	1.23	0.00	0.00
0615386	Vehicle Information Center, 7" Color Display, Touchscreen, MUX	NFPA	1.20	0.00	0.00
0617926	Lights, Perimeter Pump House, Amdor AY-9500-012 LED 2lts	NFPA	0.33	0.00	0.00
0620054	Light, Directional/Marker, Intermediate, Weldon 9186-8580-29 LED	NFPA	0.10	0.90	0.00
0625953	Light, Directional, WIn 600 LED Combination, Cab Corners, Enf, Sab	NFPA	0.70	0.70	0.00
0628432	Lights, Front Zone, Whelen M6** LED, 4lts Q Bezel	NFPA	3.60	5.40	0.00
0634786	Lights, Cab and Crew Cab Access Steps, P25, LED w/Bezel, 1Lt Per	NFPA	1.00	0.00	0.00
0642572	Trans, Allison 5th Gen, 3000 EVS P, w/Prognostics,	NFPA	2.00	2.00	0.00
0644038	Lights, Perimeter Cab, Amdor AY-9500-012 LED 4Dr	NFPA	0.53	0.00	0.00
0644179	Wiper Control, 2-Speed with Intermittent, Saber FR/Enforcer	NFPA	1.20	4.80	0.00
0644228	Air Dryer, Wabco System Saver 1200 IWT, Heated, Saber FR/Enforcer	NFPA	7.81	0.00	0.00
0645869	Lights, Hose Bed, Sides, Whelen 01-066D068-00 LED, 2.63" Lights	NFPA	4.80	0.00	0.00
0647647	Lights, Dome, FRP Dual LED 4 Lts	NFPA	0.80	0.80	0.00
0647802	Lights, Clearance/Marker/ID, Front, P25 LED 5 Lts, Saber FR/Enforcer	NFPA	0.35	0.00	0.00
0648596	Headlights, Rectangular Halogen, AXT/Dash CF/Saber/Enforcer	NFPA	5.46	7.82	0.00
0649146	DEF Tank, 4.5 Gallon, DS Fill, Rear of Axle, Common Door, Spring	NFPA	0.60	11.40	0.00
0649716	Cab, Enforcer, 6010	NFPA	6.80	10.20	0.00
0653901	Lights, Perimeter Body, Amdor AY-9500-012 LED 2lts, Rear Step	NFPA	0.18	0.00	0.00
0664481	Bracket, License Plate & Light, P25 LED	NFPA	0.07	0.00	0.00
0672652	Rear - Rollup Dr/37.75" FF, 25.88" Deep, Flush Rear, Space Saver on	NFPA	0.90	0.00	0.90
0682503	Light Shield/Step 8" LED, P25 LED Stp Lt	NFPA	4.00	0.00	0.00
0692045	Controller, Pressure, FRC, Pump Boss, PBA400	NFPA	1.80	0.00	0.00
0698815	124" Hatch, 14" Width, (2) Liftup, Pumper	NFPA	1.80	0.00	1.80
0782751	Cabinet, Rear Facing, RS, 22 W x 39 H x 26.75 D, Roll, Ext Acc,	NFPA	1.50	0.00	1.50
0782754	Cabinet, Rear Facing, LS, 23 W x 39 H x 26.75 D, Roll, Ext Acc,	NFPA	1.50	0.00	1.50
0795472	Engine, Cummins L9, 450 hp, 1250 lb-ft, W/OBD, EPA 2017, Saber	NFPA	1.00	0.00	0.00
0796064	Lights, Directional/Marker, Cab Front Side, Truck-Lite 19036YLED,	NFPA	0.12	0.00	0.00
0625793	Alternator, 350 amp, Leece-Neville BLP4004H	S	0.00	0.00	0.00
Load Totals:			90.47	491.48	317.42

Note: Minimum Continuous Load is in "Blocking Right of Way" mode.(Reference current edition of NFPA 1901)

Note: Intermittent Load items are not factored in on any alternator load comparisons. These items are included on the report for reference only and should be looked at as amp draw exclusion items. (Reference current edition of NFPA 1901)

Note: Total Connected Load "Demand" represents Total Connected Load minus any Load Managed items

Alternator Output at Idle: 212.00

Minimum Continuous Load	
Supply:	212.00
Demand:	90.47
Variance:	121.53

Alternator Output at Governed Speed: 296.00

Total Connected Load	
Supply:	296.00
Demand:	243.67
Variance:	52.33

* UDMC = User Defined Mission Critical, LM = User Defined Load Managed, S = Electrical Amperage Supply

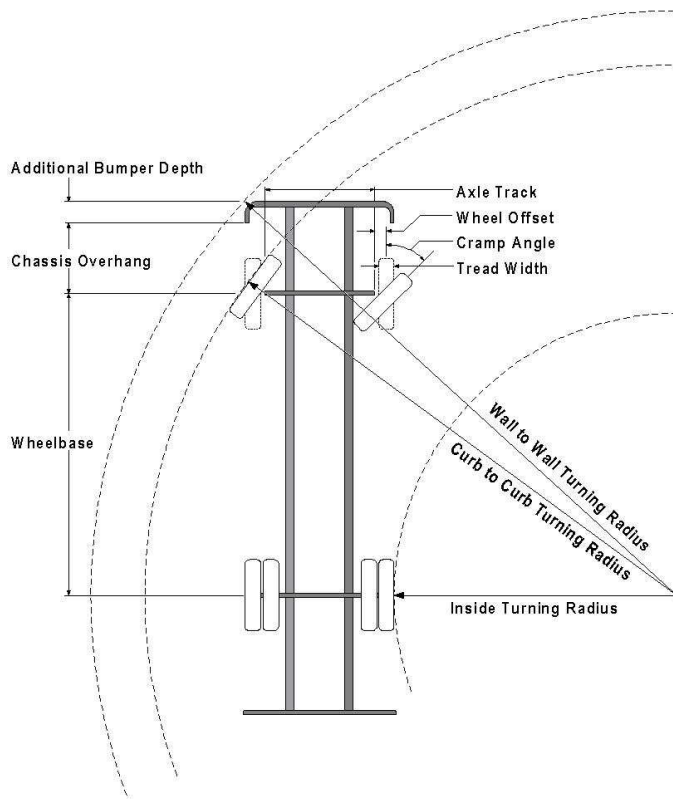


Turning Performance Analysis

06/25/2017

Bid Number: 655
Department: Ukiah FD

Chassis: Enforcer Chassis
Body: Pumper, Short, Aluminum, 2nd Gen



Parameters:

Inside Cramp Angle:	50°
Axle Track:	85.86 in.
Wheel Offset:	3.12 in.
Tread Width:	13.5 in.
Chassis Overhang:	65.95 in.
Additional Bumper Depth:	0.00 in.
Front Overhang:	65.95 in.
Wheelbase:	162.5 in.

Calculated Turning Radii:

Inside Turn:	10 ft. 6 in.
Curb to curb:	23 ft. 9 in.
Wall to wall:	27 ft. 2 in.

Comments:

Category	Option	Description
Axle, Front, Custom	0635815	Axle, Front, Dana, D-2000F, 18,000 lb Saber FR/Enforcer
Wheels, Front	0019575	Wheels, Front, Alcoa, 22.50" x 9.00", Aluminum, Hub Pilot
Tires, Front	0677544	Tires, Front, Goodyear, G291, 315/80R22.50, 20 ply, Fire Service Load Rating
Bumpers	0783986	Bumper, 16" Extended, Steel Painted, 8.00" High, Saber FR/Enforcer

Notes:

Actual Inside cramp angle may be less due to highly specialized options.

Curb to Curb turning radius calculated for 9.00 inch curb.

Definitions:

Inside CrampAngle	Maximum turning angle of the front inside fire.
Axle Track	King-pin to King-pin distance of front axle.
Wheel Offset	Offset from the center line of the wheel to the King-pin.
Tread Width	Width of the tire tread.
Chassis Overhang	Distance of the center line of the front axle to the front edge of the cab. This does not include the bumper depth.
Additional Bumper Wheel	Depth that the bumper assembly adds to the front overhang.
Wheelbase	Distance between the center lines of the vehicles front and rear axles.
Inside Turning Radius	Radius of the smallest circle around which the vehicle can turn.
Curb to Curb Turning Radius	Radius of the smallest circle around which the vehicle's tires can turn. This measures assumes a curb height of 9 inches.
Wall to Wall Turning Radius	Radius of the smallest circle around which the vehicle's tires can turn. This measures takes into account any front overhang due to chassis , bumper extensions and or aerial devices.

Pumper/Tanker - Customer Summary

Weight Distribution Worksheet 4.1

© 2009 by Pierce Manufacturing Inc., All Rights Reserved



CUSTOMER NAME Ukiah FD BID / JOB # Bid #655 VEHICLE TYPE Enforcer/Pumper 2nd Alum BY: SMA DATE: 4/3/2017		SUMMARY <table border="1" style="width: 100%;"> <tr> <td colspan="2" style="text-align: right;">Wheelbase =</td> <td style="text-align: center;">162.5</td> </tr> <tr> <td style="text-align: right;"><i>Estimated Weights</i></td> <td style="text-align: center;"><i>FRONT</i></td> <td style="text-align: center;"><i>REAR</i></td> </tr> <tr> <td style="text-align: center;">LOADED</td> <td style="text-align: center;">15489</td> <td style="text-align: center;">21237</td> </tr> <tr> <td style="text-align: center;">EMPTY</td> <td style="text-align: center;">14335</td> <td style="text-align: center;">11250</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL GVW=</td> <td style="text-align: center;">36726</td> </tr> </table>		Wheelbase =		162.5	<i>Estimated Weights</i>	<i>FRONT</i>	<i>REAR</i>	LOADED	15489	21237	EMPTY	14335	11250	TOTAL GVW=		36726																		
Wheelbase =				162.5																																
<i>Estimated Weights</i>	<i>FRONT</i>			<i>REAR</i>																																
LOADED	15489			21237																																
EMPTY	14335			11250																																
TOTAL GVW=		36726																																		
Manufacturer Pierce Enforcer FR Chassis Enforcer FR 4x2, 4x4, 60" Cab Engine/Transmission ISL '13 / 3000 Body Type Pumper, 124" Short Body Brand Pierce Body Side Structure High / High Body Construction Aluminum Body Doors Lap Front Axle Rating 18,000 lb. Rear Axle Rating 27,000 lb.																																				
WHEELBASE CALCULATION <table border="1" style="width: 100%;"> <tr> <td>Front Axle to Back of Cab</td> <td style="text-align: right;">60</td> </tr> <tr> <td> Cab - Pump Gap</td> <td style="text-align: right;">2</td> </tr> <tr> <td>Wallkthrough or Cab Module</td> <td style="text-align: right;">0</td> </tr> <tr> <td> Engineer Compartment</td> <td style="text-align: right;">0</td> </tr> <tr> <td> Speedlays</td> <td style="text-align: right;">0</td> </tr> <tr> <td> Pump House</td> <td style="text-align: right;">45</td> </tr> <tr> <td> Pump - Body Gap</td> <td style="text-align: right;">1.5</td> </tr> <tr> <td>Body to Rear Axle Length</td> <td style="text-align: right;">54</td> </tr> <tr> <td>Wheelbase =</td> <td style="text-align: center;">162.5</td> </tr> </table>		Front Axle to Back of Cab	60	Cab - Pump Gap	2	Wallkthrough or Cab Module	0	Engineer Compartment	0	Speedlays	0	Pump House	45	Pump - Body Gap	1.5	Body to Rear Axle Length	54	Wheelbase =	162.5	ESTIMATED AXLE LOADS <table border="1" style="width: 100%;"> <tr> <td></td> <td style="text-align: center;">Front</td> <td style="text-align: center;">Rear</td> </tr> <tr> <td>Estimated</td> <td style="text-align: center;">15489</td> <td style="text-align: center;">21237</td> </tr> <tr> <td>Rated</td> <td style="text-align: center;">18000</td> <td style="text-align: center;">27000</td> </tr> <tr> <td>Ratio</td> <td style="text-align: center;">42.2%</td> <td style="text-align: center;">57.8%</td> </tr> <tr> <td>Total GVW =</td> <td colspan="2" style="text-align: center;">36726</td> </tr> </table>			Front	Rear	Estimated	15489	21237	Rated	18000	27000	Ratio	42.2%	57.8%	Total GVW =	36726	
Front Axle to Back of Cab	60																																			
Cab - Pump Gap	2																																			
Wallkthrough or Cab Module	0																																			
Engineer Compartment	0																																			
Speedlays	0																																			
Pump House	45																																			
Pump - Body Gap	1.5																																			
Body to Rear Axle Length	54																																			
Wheelbase =	162.5																																			
	Front	Rear																																		
Estimated	15489	21237																																		
Rated	18000	27000																																		
Ratio	42.2%	57.8%																																		
Total GVW =	36726																																			
		<i>Estimated Axle Loads are loaded in-service weights, including crew, hose, NFPA equipment allowance, water, foam, fuel and optional equipment such as generators.</i>																																		
		ESTIMATED EMPTY WEIGHT <table border="1" style="width: 100%;"> <tr> <td></td> <td style="text-align: center;">14335</td> <td style="text-align: center;">11250</td> </tr> </table>			14335	11250																														
	14335	11250																																		
		<i>Estimated Empty Weight represents an empty truck without crew, hose, NFPA equipment allowance, ladders, foam or water, but includes fuel and optional equipment such as generators.</i>																																		



Fire and Rescue Apparatus

One (1) Year Material and Workmanship

Basic Apparatus

Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	Portions of the apparatus manufactured by Pierce shall be free from defects in material and workmanship
Warranty Begins:	The date the apparatus is placed in service, or 60 days from the original buyer invoice date, whichever comes first.
Warranty Period Ends After:	Twelve (12) months.
Conditions and Exclusions: See Also Paragraphs 2 thru 4	No specific exclusions apply

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY.

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES.

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



Fire and Rescue Apparatus

Five (5) Year Material and Workmanship

Command Zone Electronics

Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	Command Zone control modules shall be free from failures caused by defects in material and workmanship
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	Five (5) Years
Conditions and Exclusions: See Also Paragraphs 2 thru 4	This limited warranty applies to all of the control modules for the Command Zone system, including the full color graphic displays. Related wire harnesses, cables and connectors are not covered under this limited warranty and are instead covered under the Pierce One Year Basic Apparatus Limited Warranty.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY.

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES.

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



Fire and Rescue Apparatus

54 Months Material and Workmanship

Camera System

Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	This limited warranty covers repairs to correct any defect related to materials or workmanship of the Sharpvision camera system installed on the apparatus occurring during the warranty period.
Warranty Begins:	The date of delivery.
Warranty Period Ends After:	Fifty - Four (54) months
Conditions and Exclusions: See Also Paragraphs 2 thru 4	This limited warranty does not apply to related wire harnesses, cables, and connectors, which are covered by the Pierce one (1) year basic apparatus limited warranty.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY.

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES.

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



Fire and Rescue Apparatus

Ten (10) Year Material and Workmanship

Pierce 12V LED Strip Light

Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	This limited warranty covers repairs to correct any defect related to materials or workmanship of the Pierce 12V LED strip lights installed on the apparatus occurring during the warranty period.
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	Ten (10) Year
Conditions and Exclusions: See Also Paragraphs 2 thru 4	This limited warranty does not apply to related wire harnesses, cables, and connectors, which are covered by the Pierce one (1) year basic apparatus limited warranty.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY.

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES.

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.

NEW PRODUCT WARRANTY



**PARTICIPATING OEM SALES
DISTRIBUTOR SALES**

LIMITED WARRANTY ON NEW ALLISON AUTOMATIC TRANSMISSIONS USED IN EMERGENCY VEHICLE APPLICATIONS

Allison Transmission will provide for repairs or replacement, at its option, during the warranty period of each new Allison transmission listed below that is installed in an Emergency Vehicle in accordance with the following terms, conditions, and limitations.

WHAT IS COVERED

- **WARRANTY APPLIES** — This warranty is for new Allison transmission models listed below installed in an Emergency Vehicle and is provided to the original and any subsequent owner(s) of the vehicle during the warranty period.
- **REPAIRS COVERED** — The warranty covers repairs or replacement, at Allison Transmission's option, to correct any transmission malfunction resulting from defects in material or workmanship occurring during the warranty period. Needed repairs or replacements will be performed using the method Allison Transmission determines most appropriate under the circumstances.
- **TOWING** — Towing is covered to the nearest Allison Transmission Distributor or authorized Dealer only when necessary to prevent further damage to your transmission.
- **PAYMENT TERMS** — Warranty repairs, including parts and labor, will be covered per the schedule shown in the chart contained in section "APPLICABLE MODELS, WARRANTY LIMITATIONS, AND ADJUSTMENT SCHEDULE."
- **OBTAINING REPAIRS** — To obtain warranty repairs, take the vehicle to any Allison Transmission Distributor or authorized Dealer within a reasonable amount of time and request the needed repairs. A reasonable amount of time must be allowed for the Distributor or Dealer to perform necessary repairs.
- **TRANSMISSION REMOVAL AND REINSTALLATION** — Labor costs for the removal and re-installation of the transmission, when necessary to make a warranty repair, are covered by this warranty.
- **WARRANTY PERIOD** — The warranty period for all coverages shall begin on the date the transmission is delivered to the first retail purchaser, with the following exception:

Demonstration Service - A transmission in a new truck or bus may be demonstrated to a total of 5000 miles (8000 kilometers). If the vehicle is within this limit when sold to a retail purchaser, the warranty start date is the date of purchase. Normal warranty services are applicable to the demonstrating Dealer. Should the truck or bus be sold to a retail purchaser after these limits are reached, the warranty period will begin on the date the vehicle was first placed in demonstration service and the purchaser will be entitled to the remaining warranty.

APPLICABLE MODELS, WARRANTY LIMITATIONS, AND ADJUSTMENT SCHEDULE

APPLICABLE MODELS	WARRANTY LIMITATIONS (Whichever occurs first)		ADJUSTMENT CHARGE TO BE PAID BY THE CUSTOMER	
	Months	Transmission Miles Or Kilometers	Parts	Labor
MT, MD 3000, 3200, 3500, 3700	0-24	No Limit	No Charge	No Charge
HT with Hydraulic Controls	0-24	No Limit	No Charge	No Charge
AT, 1000 Series™, 2000 Series™, 2400 Series™	0-36	No Limit	No Charge	No Charge
HT with Electronic Controls	0-60	No Limit	No Charge	No Charge
HD 1000 EVS, 2100 EVS, 2200 EVS 2350 EVS, 2500 EVS, 2550 EVS, 3000 EVS, 3500 EVS, 4000, 4000 EVS, 4500, 4500 EVS, 4700, 4700 EVS, 4800, 4800 EVS	0-60	No Limit	No Charge	No Charge

WHAT IS NOT COVERED

- **DAMAGE DUE TO ACCIDENT, MISUSE, or ALTERATION** — Defects and damage caused as the result of any of the following are not covered:
 - Flood, collision, fire, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle;
 - Misuse of the vehicle;
 - Installation into unapproved applications and installations;
 - Alterations or modification of the transmission or the vehicle, and
 - Damage resulting from improper storage (refer to long-term storage procedure outlined in the applicable Allison Service Manual)
 - Anything other than defects in Allison Transmission material or workmanship

NOTE: This warranty is void on transmissions used in vehicles currently or previously titled as salvaged, scrapped, junked, or totaled.

- **CHASSIS, BODY, and COMPONENTS** — The chassis and body company (assemblers) and other component and equipment manufacturers are solely responsible for warranties on the chassis, body, component(s), and equipment they provide. Any transmission repair caused by an alteration(s) made to the Allison transmission or the vehicle which allows the transmission to be installed or operated outside of the limits defined in the appropriate Allison Installation Guideline is solely the responsibility of the entity making the alteration(s).
- **DAMAGE CAUSED by LACK of MAINTENANCE or by the USE of TRANSMISSION FLUIDS NOT RECOMMENDED in the OPERATOR'S MANUAL** — Defects and damage caused by any of the following are not covered:
 - Failure to follow the recommendations of the maintenance schedule intervals applicable to the transmission;
 - Failure to use transmission fluids or maintain transmission fluid levels recommended in the Operator's Manual.
- **MAINTENANCE** — Normal maintenance (such as replacement of filters, screens, and transmission fluid) is not covered and is the owner's responsibility.
- **REPAIRS by UNAUTHORIZED DEALERS** — Defects and damage caused by a service outlet that is not an authorized Allison Transmission Distributor or Dealer are not covered.
- **USE of OTHER THAN GENUINE ALLISON TRANSMISSION PARTS** — Defects and damage caused by the use of parts that are not genuine Allison Transmission parts are not covered.
- **EXTRA EXPENSES** — Economic loss and extra expenses are not covered. Examples include but are not limited to: loss of vehicle use; inconvenience; storage; payment for loss of time or pay; vehicle rental expense; lodging; meals; or other travel costs.
- **"DENIED PARTY" OWNERSHIP** — Warranty repair parts and labor costs are not reimbursed to any participating or non-participating OEMs, dealers or distributors who perform warranty work for, or on behalf of, end users identified by the United States as being a "denied party" or who are citizens of sanctioned or embargoed countries as defined by the U.S. Department of Treasury Office of Foreign Assets Control. Furthermore, warranty reimbursements are not guaranteed if the reimbursement would be contrary to any United States export control laws or regulations as defined by the U.S. Department of Commerce, the U.S. Department of State, or the U.S. Department of Treasury.

OTHER TERMS APPLICABLE TO CONSUMERS AS DEFINED by the MAGNUSON-MOSS WARRANTY ACT

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Allison Transmission does not authorize any person to create for it any other obligation or liability in connection with these transmissions.

ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLICABLE TO THESE TRANSMISSIONS IS LIMITED IN DURATION TO THE DURATION OF THIS WRITTEN WARRANTY. PERFORMANCE OF REPAIRS AND NEEDED ADJUSTMENTS IS THE EXCLUSIVE REMEDY UNDER THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY. ALLISON TRANSMISSION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES (SUCH AS, BUT NOT LIMITED TO, LOST WAGES OR VEHICLE RENTAL EXPENSES) RESULTING FROM BREACH OF THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY.**

** Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

OTHER TERMS APPLICABLE TO OTHER END-USERS

THIS WARRANTY IS THE ONLY WARRANTY APPLICABLE TO THE ALLISON TRANSMISSION MODELS LISTED ABOVE AND IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALLISON TRANSMISSION DOES NOT AUTHORIZE ANY PERSON TO CREATE FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH SUCH TRANSMISSIONS. ALLISON TRANSMISSION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM BREACH OF THIS WARRANTY OR ANY IMPLIED WARRANTY.

QUESTIONS

If you have any questions regarding this warranty or the performance of warranty obligations, you may contact any Allison Transmission Distributor or Dealer or write to:

Allison Transmission, Inc.
P.O. Box 894
Indianapolis, IN 46206-0894
Attention: Warranty Administration PF-9



Fire and Rescue Apparatus

Five (5) Year Material and Workmanship - Transmission Oil Cooler Three (3) Year Collateral Damage Coverage

Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	The transmission cooler shall be free from component or structural failures caused by defects in material and/or workmanship. Collateral damage up to \$10,000 per occurrence is available for the first three (3) years.
Warranty Begins:	The date of delivery to the first retail purchaser.
Warranty Period Ends After:	Five (5) Years on Oil Cooler and three (3) years on collateral damage coverage
Conditions and Exclusions: See Also Paragraphs 2 thru 4	This warranty does not cover repair due to accidents, misuse, and excessive vibration, flying debris, storage damage (freezing), negligence or modification. This warranty is void if any modification or repairs are performed without authorization. This also voids any future warranty. This warranty does not cover cost of maintenance or repairs due to lack of required maintenance services as recommended. Performance of the required maintenance and use of proper fluids are the responsibility of the owner. Towing is covered to the nearest distributor or authorized dealer only when necessary to prevent further damage to your transmission. Labor costs for the removal and reinstallation of goods may be covered when necessary to make repairs. Please contact your OEM for authorization. Replacement of cooler during the warranty period is limited to 100% of reasonable labor costs up to a maximum of \$700 to remove, replace, or repair the oil cooler.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



LIFETIME SERVICE WARRANTY

United Plastic Fabricating, Inc. (hereinafter called "UPF") warrants each POLY-TANK®, Booster/Foam Tank POLYSIDE® Wetside Tank, Integrator Tank/Body, ELLIPSE™ Elliptical Tank, Ellip-T-Tank Tank and DEFENDER™ Skid Tank to be free from defects in material and workmanship for the service life of the original vehicle (vehicle must be actively used in an emergency response for fire suppression). All UPF Tanks must be installed and operated in accordance with the UPF Installation and Operating Guidelines. Failure to do so can void the warranty.

Every UPF Tank is inspected and tested before leaving our facility. Should your UPF Tank require service, please notify UPF via email, fax, in writing or by calling UPF at 1-978-975-4520. Please provide the serial number, a description of the service request, the location along with the phone number and name of the contact person. Our goal is to have scheduled work completed within a reasonable time period.

Under a valid warranty claim, UPF will cover the cost to repair the UPF Tank including the customary and reasonable costs to make the tank accessible such as the removal and reinstallation of the tank if authorized in advance (pre-approved) by UPF. The warranty will not cover tanks that have been improperly installed, operated, misused, abused, or modified from its intended or designed use. Serial number must not have been altered, defaced or removed. Tanks that are not stored or installed properly which results in the tank suffering UV damage will not be covered by this agreement.

Should UPF determine that the service claim is valid under this warranty for a tank located outside of the United States and Canada, UPF will assume the costs for labor and material for the warranty repair as described above plus all travel costs to the U.S. port of embarkation. Costs for airline travel outside of the U.S. and Canada will not be the responsibility of UPF.

In the event the tank shall become stationed in an area of the world that is considered to be a war zone or where unsafe conditions exist for the safe passage of United States Nationals, as reported by the United States Department of State, (<http://www.state.gov>), and a request to perform service or warranty repairs, UPF reserves the right to refuse to honor such requests. It is the purchaser's responsibility to relocate the tank to an area where such repairs can be performed without undue risk to UPF employees or their designee. UPF will make every reasonable effort to support our products through alternative means.

For Ellipse™ elliptical tanks, a separate five year warranty provided by the subcontractor is applied to the sub-frames, chute linings (rubber isolation strips) and metal components. The stainless steel wrap provided by UPF shall be warranted by the subcontractor performing the wrap installation in accordance with their warranty in place at the time of the installation. UPF will not be liable for any warranty costs associated with the wrap, sub-frames, chute linings (rubber isolation strips) and metal components but will assist with all claims on behalf of its customer.

For PolySide® wetsided tanks and Integrator™ Tank/Body units, all polypropylene components related to the tank shall carry the standard UPF lifetime



UNITED PLASTIC FABRICATING, INC.

WARRANTY

FOR: POLY-TANK®, POLYSIDE®, INTEGRATOR™, ELLIPSE™, ELLIP-T-TANK™ & DEFENDER™

service warranty. Other polypropylene components, including but not limited to compartments, wheel wells, fenders and other body related components shall be warranted by UPF for a period of ten years. The warranty for the PolySide® and Integrator™ units excludes paint or hardware, which shall be covered by the manufacturer of the paint/hardware.

All UPF tanks 50 gallons or less utilized for non-fire applications and installed on specialty vehicles such as ATVs, trailers, boats, etc. are covered under a separate warranty policy available from UPF. Further, UPF Protector™ foam and water trailers are warranted under a separate warranty policy available from UPF.

This UPF warranty is transferable within the United States only with prior written approval by UPF (except an original apparatus manufacturer may assign this warranty to the first titled owner/lessee of the apparatus).

UPF will NOT reimburse any unnecessary work and/or work that has not been pre-approved. Any and all third party charges must be pre-authorized and approved in writing by UPF prior to commencing the work. Any unauthorized third party repairs, alterations, actions or modifications will not be covered and can void the warranty. UPF will be the sole determining authority as to whether a service claim will be valid and covered under this warranty.

In no event will UPF be liable for an amount in excess of the purchase price of the booster/foam tank at the time of manufacture or for any loss or damage, whether direct, indirect, incidental, consequential, or otherwise arising out of failure of its product. Loss of contents (water, foam, etc.) shall not be the responsibility of UPF. Further, UPF is not responsible for costs associated with service repairs to chassis, sub-frames, bodies, valves, dumps, hoses, pressure vacuum vents, and other components (i.e. liquid level transducers, etc.). Further, UPF will not cover the cost for travel of the vehicle to and from a repair facility.

This warranty contains the entire warranty. It is the sole warranty and price agreements or representation, whether oral or written, are either merged herein or expressly cancelled. UPF neither assumes, nor authorizes any person supposing to act on its behalf to change, nor assume for it, any warranty or liability concerning its product.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow exclusion or limitation or incidental or consequential damage, so the above limitation or exclusion may not apply to you. Since some states do not allow limitations on the length of an implied warranty, the above limitation may not apply to you.

THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION OF THE FACE HEREOF. THERE IS NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. ADDITIONALLY, THIS WARRANTY IS IN LIEU OF ALL OTHER OBLIGATION OR LIABILITIES ON THE PART OF UPF.

139



Fire and Rescue Apparatus

Ten (10) Year Structural Integrity Apparatus Body Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	The apparatus body shall be free from structural failures caused by defects in material and workmanship
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	Ten (10) Years - or - 100,000 Miles
Conditions and Exclusions: See Also Paragraphs 2 thru 4	This warranty applies only to the body tubular support and mounting structures and other structural components of the body of the vehicle model, as identified in the Pierce specifications for the Fire and Rescue Apparatus. This warranty does not apply to damage caused by corrosion.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY.

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES.

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



Pierce Warranty Statement for Gortite Roll Up Doors Rev 2/24/2011

All mechanical components of the door shall be warranted to be free from defects in materials and workmanship for the lifetime of the vehicle. All parts covered under this warranty shall be to the original owner.

A&A manufacturing warrants that painted doors shall be free of blistering, peeling, bubbling, or any other adhesion defect caused by defective manufacturing methods or paint material selection. The time period for the coverage shall be 6 years from date of door shipment to Pierce. Satin anodized finish doors shall be warranted for 6 years against corrosion defects from date of door shipment to Pierce. Replacement of decals/Scotchlite is not covered.

The maximum amount A&A will reimburse for labor is \$60.00 per hour and the maximum amount of time allowed for repair is as follows:

Door	1.0 Hr.
Slat Replacement	1.0 Hr.
Pennant Plate Replacement	1.0 Hr.
Roller Replacement	.5 Hr.
Seal Replacement	.5 Hr.
Switch/Magnet Replacement	1.0 Hr.
Travel Time	4.0 Hr.

Waterous Five-Year Limited Warranty

WATEROUS warrants, to the original Buyer only, that products manufactured by WATEROUS will be free from defects in material and workmanship under normal use and service for a period of five (5) years from the date the product is first placed in service, or five and one-half (5-1/2) years from the date of shipment by WATEROUS, whichever period shall be the first to expire; provided the Buyer notifies WATEROUS, in writing, of the defect in said product within the warranty period, and said product is found by WATEROUS to be nonconforming with the aforesaid warranty. When required in writing by WATEROUS, defective products must be promptly returned by Buyer to WATEROUS at WATEROUS' plant at South St. Paul, Minnesota, or at such other place as may be specified by WATEROUS, with transportation and other charges prepaid. A Returned Material Authorization (RMA) is required for all products and parts and may be requested by phone, fax, email, or mail. The aforesaid warranty excludes any responsibility or liability of WATEROUS for:

- (a) damages or defects due to accident, abuse, misuse, abnormal operating conditions, negligence, accidental causes, use in non-firefighting applications, or improper maintenance, or attributable to written specifications or instructions furnished by Buyer;
- (b) defects in products manufactured by others and furnished by WATEROUS hereunder, it being understood and agreed by the parties that the only warranty provided for such products shall be the warranty provided by the manufacturer thereof which, if assignable, WATEROUS will assign to Buyer, if requested by Buyer;
- (c) any product or part, altered, modified, serviced or repaired other than by WATEROUS, without its prior written consent;
- (d) the cost of dismantling, removing, transporting, storing, or insuring the defective product or part and the cost of reinstallation; and
- (e) normal wear items (packing, strainers, filters, light bulbs, anodes, intake screens, mechanical seals, etc.).

ALL OTHER WARRANTIES ARE EXCLUDED, WHETHER EXPRESS OR IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT, WHETHER AS A RESULT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, OR ANY OTHER CAUSE OF ACTION, SHALL WATEROUS BE LIABLE FOR ANY PUNITIVE, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR FOR PERSONAL INJURY OR PROPERTY DAMAGES.

The exclusive remedy of Buyer and the sole liability of WATEROUS, whether based on contract, warranty, tort or any other basis of recovery whatsoever, is expressly limited at the election of WATEROUS to:

- (a) the replacement at the agreed point of delivery of any product or part, which upon inspection by WATEROUS or its duly authorized representative, is found not to conform to the limited warranty set forth above, or
- (b) the repair of such product or part, or
- (c) the refund or crediting to Buyer of the net sales price of the defective product or part.

BUYER'S REMEDIES CONTAINED HEREIN ARE EXCLUSIVE OF ANY OTHER REMEDY OTHERWISE AVAILABLE TO BUYER.

Waterous Company
125 Hardman Avenue South
South St. Paul, MN 55075 USA
www.waterousco.com



F-2113 (07/17/12)



Fire and Rescue Apparatus

Ten (10) Year Material and Workmanship Stainless Steel Piping Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	Stainless steel piping shall be free from structural failures caused by defects in material and workmanship, or perforation caused by corrosion.
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	Ten (10) Years - or - 100,000 Miles
Conditions and Exclusions: See Also Paragraphs 2 thru 4	Pierce's obligation under this warranty is limited to repairing or replacing without charge, as Pierce may elect, the stainless steel piping or components which Pierce determines to have failed due to defective material and workmanship, or perforation caused by corrosion. This warranty does not cover the use of fluoroprotein (FP) type foam. The sodium chloride within FP foam can cause long-term damage to system components if not thoroughly flushed immediately after use.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

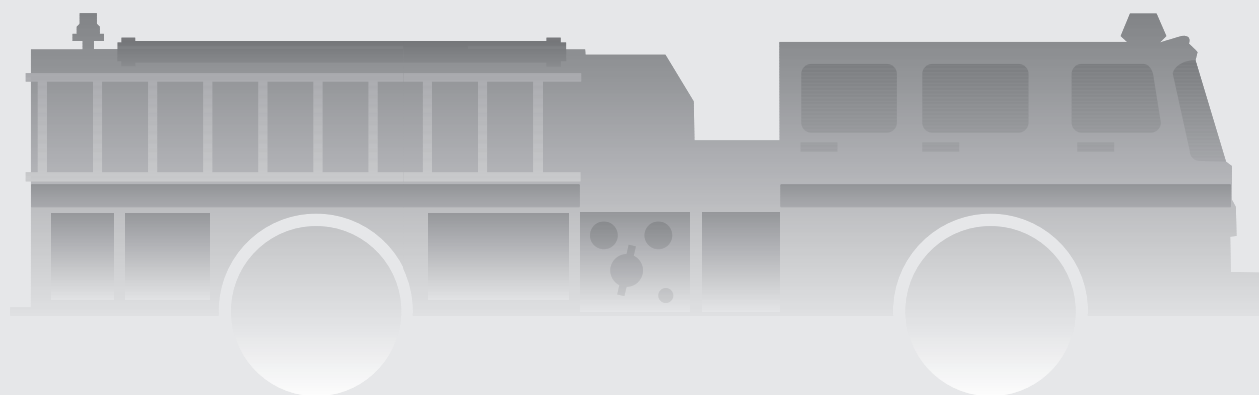
Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



Cummins Warranty

Worldwide

Fire Apparatus/Crash Trucks



Coverage

Products Warranted

This Warranty applies to new diesel Engines sold by Cummins and delivered to the first user on or after April 1, 2007, that are used in fire apparatus truck and crash truck* applications Worldwide.

Base Engine Warranty

The Base Engine Warranty covers any failures of the Engine which result, under normal use and service, from a defect in material or factory workmanship (Warrantable Failure). This Coverage begins with the sale of the Engine by Cummins and ends five years or 100,000 miles (160,935 kilometers), whichever occurs first, after the date of delivery of the Engine to the first user.

Engine aftertreatment components included in the Cummins Critical Parts List (CPL) and marked with a Cummins part number are covered under Base Engine Warranty.

Additional Coverage is outlined in the Emission Warranty section.

These Warranties are made to all Owners in the chain of distribution and Coverage continues to all subsequent Owners until the end of the periods of Coverage.

Cummins Responsibilities

Cummins will pay for all parts and labor needed to repair the damage to the Engine resulting from a Warrantable Failure.

Cummins will pay for the lubricating oil, antifreeze, filter elements, belts, hoses and other maintenance items that are not reusable due to the Warrantable Failure.

Cummins will pay for reasonable labor costs for Engine removal and reinstallation when necessary to repair a Warrantable Failure.

Cummins will pay reasonable costs for towing a vehicle disabled by a Warrantable Failure to the nearest authorized repair location. In lieu of the towing expense, Cummins will pay reasonable costs for mechanics to travel to and from the location of the vehicle, including meals, mileage and lodging when the repair is performed at the site of the failure.

Owner Responsibilities

Owner is responsible for the operation and maintenance of the Engine as specified in Cummins Operation and Maintenance Manuals. Owner is also responsible for providing proof that all recommended maintenance has been performed.

Before the expiration of the applicable Warranty, Owner must notify a Cummins distributor, authorized dealer or other repair location approved by Cummins of any Warrantable Failure and make the Engine available for repair by such facility. Except for Engines disabled by a Warrantable Failure, Owner must also deliver the Engine to the repair facility.

Service locations are listed on the Cummins Worldwide Service Locator at cummins.com.

Owner is responsible for the cost of lubricating oil, antifreeze, filter elements and other maintenance items provided during Warranty repairs unless such items are not reusable due to the Warrantable Failure.

Owner is responsible for communication expenses, meals, lodging and similar costs incurred as a result of a Warrantable Failure.

Owner is responsible for non-Engine repairs and for "downtime" expenses, cargo damage, fines, all applicable taxes, all business costs and other losses resulting from a Warrantable Failure.

Owner is responsible for a \$100 (U.S. Dollars) deductible per each service visit under this plan in the 3rd, 4th and 5th years of Base Engine Warranty. The deductible will not be charged during the first 2 years of the Base Engine Warranty.

Limitations

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the Engine.

Any unauthorized modifications to the aftertreatment could negatively effect emissions certification and void Warranty.

Cummins is also not responsible for failures caused by incorrect oil, fuel or diesel exhaust fluid or by water, dirt or other contaminants in the fuel, oil or diesel



exhaust fluid.

This Warranty does not apply to accessories supplied by Cummins which bear the name of another company. Such non-warranted accessories include, but are not limited to: alternators, starters, fans, air conditioning compressors, clutches, filters, transmissions, torque converters, vacuum pumps, power steering pumps, fan drives and air compressors. Cummins branded alternators and starters are covered for the first two years from the date of delivery of the Engine to the first user, or the expiration of the Base Engine Warranty, whichever occurs first.

Failures resulting in excessive oil consumption are not covered beyond the duration of the Coverage or 100,000 miles (160,935 kilometers) or 7,000 hours from the date of delivery of the Engine to the first user, whichever of the three occurs first. Before a claim for excessive oil consumption will be considered, Owner must submit adequate documentation to show that consumption exceeds Cummins published standards.

Failures of belts and hoses supplied by Cummins are not covered beyond the first year from the date of delivery of the Engine to the first user or the duration of the Warranty, whichever occurs first.

Parts used to repair a Warrantable Failure may be new Cummins parts, Cummins approved rebuilt parts or repaired parts. Cummins is not responsible for failures resulting from the use of parts not approved by Cummins.

A new Cummins or Cummins approved rebuilt part used to repair a Warrantable Failure assumes the identity of the part it replaced and is entitled to the remaining Coverage hereunder.

Cummins Inc. reserves the right to interrogate Electronic Control Module (ECM) data for purposes of failure analysis.

CUMMINS DOES NOT COVER WEAR OR WEAROUT OF COVERED PARTS.

CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

THIS WARRANTY AND THE EMISSION WARRANTY SET FORTH HEREINAFTER ARE THE SOLE WARRANTIES MADE BY CUMMINS IN REGARD TO THESE ENGINES. CUMMINS MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Emission Warranty

Products Warranted

This Emission Warranty applies to new Engines marketed by Cummins that are used in the United States** in vehicles designed for transporting persons or property on a street or highway. This Warranty applies to Engines delivered to the first user on or after September 1, 1992.

Coverage

Cummins warrants to the first user and each subsequent purchaser that the Engine is designed, built and equipped so as to conform at the time of sale by Cummins with all U.S. federal emission regulations applicable at the time of manufacture and that it is free from defects in material or factory workmanship which would cause it not to meet these regulations within the longer of the following periods: (A) Five years or 100,000 miles (160,935 kilometers) of operation, whichever occurs first, as measured from the date of delivery of the Engine to the first user or (B) The Base Engine Warranty.

If the vehicle in which the Engine is installed is registered in the state of California, a separate California Emission Warranty also applies.

Limitations

Failures, other than those resulting from defects in material or factory workmanship, are not covered by this Warranty.

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the Engine.

Any unauthorized modifications to the aftertreatment could negatively effect emissions certification and void Warranty.

Cummins is also not responsible for failures caused by incorrect oil, fuel or diesel exhaust fluid or by water, dirt or other contaminants in the fuel, oil or diesel exhaust fluid.

Cummins is not responsible for non-Engine repairs, "downtime" expenses, cargo damage, fines, all applicable taxes, all business costs or other losses resulting from a Warrantable Failure.

**CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL
OR CONSEQUENTIAL DAMAGES.**

* Airport operated crash trucks and fire department
operated trucks employed to respond to fires,
hazardous material releases, rescue and other
emergency-type situations.

** United States includes American Samoa, the
Commonwealth of Northern Mariana Islands, Guam,
Puerto Rico and the U.S. Virgin Islands.



Cummins Inc.
Box 3005
Columbus, IN 47202-3005
U.S.A.

Bulletin 3381161
Printed in U.S.A. Rev. 08/09
©2001 Cummins Inc.



Fire and Rescue Apparatus

One (1) Year Material and Workmanship Foam System & Five (5) Year Material and Workmanship Control Head Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	Limited warranty 1 year parts and labor for the foam system and 5 years parts and labor for the control head.
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	One (1) Year & Five (5) Year
Conditions and Exclusions: See Also Paragraphs 2 thru 4	This warranty does not cover repair due to accidents, misuse, and excessive vibration, flying debris, storage damage (freezing), negligence or modification. This warranty is void if any modification or repairs are performed without authorization. This also voids any future warranty. This warranty does not cover cost of maintenance or repairs due to lack of required maintenance services as recommended. Performance of the required maintenance and use of proper fluids are the responsibility of the owner.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



Fire and Rescue Apparatus

Ten (10) Year Pro-Rated Paint and Corrosion

Custom Body

Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	Exterior surfaces of the body shall be free from blistering, peeling, corrosion or any other adhesion defect caused by defective manufacturing methods or paint material selection.
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	Ten (10) Years
Conditions and Exclusions:	This limited warranty is applicable to the vehicle in the following percentage costs of warranty repair, if any: Topcoat Durability & Appearance: Gloss, Color Retention & Cracking 0-72 months 100% 73-96 months 50% 97-120 months 25% Integrity of Coating System: Adhesion, Blistering/Bubbling 0-36 months 100% 37-84 months 50% 85-120 months 25% Corrosion: Dissimilar Metal and Crevice 0-36 months 100% 37-48 months 50% 49-72 months 25% 73-120 months 10% Corrosion Perforation 0-120 months 100% This limited warranty applies only to exterior paint. Paint on the vehicle's interior is warranted only under the Pierce Basic One Year Limited Warranty. Items not covered by this warranty include: (a) Damage from lack of maintenance and cleaning (proper cleaning and maintenance procedures are detailed in the Pierce operation and maintenance manual). (b) UV paint fade. (c) Any cab not manufactured by Pierce.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



Fire and Rescue Apparatus

Three (3) Year Material and Workmanship

Goldstar® Gold Leaf Lamination

Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	Each Goldstar® gold leaf lamination shall be free from defects in material and workmanship.
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	Three (3) Years
Conditions and Exclusions: See Also Paragraphs 2 thru 4	This warranty does not cover damage from lack of maintenance and cleaning (proper cleaning and maintenance procedures are detailed in the Pierce operation and maintenance manual).

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY.

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES.

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



Certification Document CD0089

Statement of Compliance to NFPA 1901-2009

Vehicle Stability

Pierce fire apparatus comply with NFPA 1901 Section 4.13 Vehicle Stability using the tilt table method. As prescribed by the standard, each apparatus is compared to a substantially similar apparatus that has been loaded as required and tested on a tilt table per the SAE J2180 test procedure. If the apparatus configuration was not expected to meet the minimum tilt table criteria, then it will be equipped with the Electronic Stability Control option. A listing of all tested apparatus is maintained by the Research and Development lab and is available for inspection at the Appleton factory.



4.13 Vehicle Stability.

4.13.1* Rollover Stability. The apparatus shall meet the criteria defined in 4.13.1.1, or it shall be equipped with a stability control system in accordance with 4.13.1.2.

4.13.1.1 The apparatus shall meet the criteria defined in either of the following:

- (1)*The apparatus shall remain stable to 26.5 degrees in both directions when tested on a tilt table in accordance with SAE J2180, *A Tilt Table Procedure for Measuring the Static Rollover Threshold for Heavy Trucks*.
- (2) The calculated or measured center of gravity (CG) shall be no higher than 80 percent of the rear axle track width.

4.13.1.1.1 Compliance shall be certified by testing, calculating, or measuring the apparatus or by comparing the apparatus to a compliant, substantially similar example apparatus, and the certification shall be delivered with the fire apparatus.

4.13.1.1.2 The example apparatus shall be considered substantially similar if it includes a chassis with the same or higher CG height, the same or narrower rear axle track width, the same or greater water tank size and CG height, the same type of front and rear suspension, and the same type and size of aerial device.

4.13.1.1.3 For purposes of 4.13.1.1, the apparatus shall be loaded with fuel, fire-fighting agents, hose, ladders, a weight of 250 lb in each seating position, and weight equivalent to the miscellaneous equipment allowance as defined in Table 12.1.2.

4.13.1.1.3.1 If the apparatus is designed to meet a specified higher equipment loading or larger hose bed capacity or to carry additional ground ladders, these greater loads shall be included in the testing, calculating, or measuring.

4.13.1.1.3.2 The weight added to the fire apparatus for the purpose of test, calculation, or measurement shall be distributed to approximate typical in-service use of the fire apparatus while not exceeding the manufacturer's published individual compartment weight ratings.

4.13.1.2 If the apparatus is equipped with a stability control system, the system shall have, at a minimum, a steering wheel position sensor, a vehicle yaw sensor, a lateral accelerometer, and individual wheel brake controls.

VALIDATION TEST: Multiple Tests

Pierce Manufacturing, Inc.

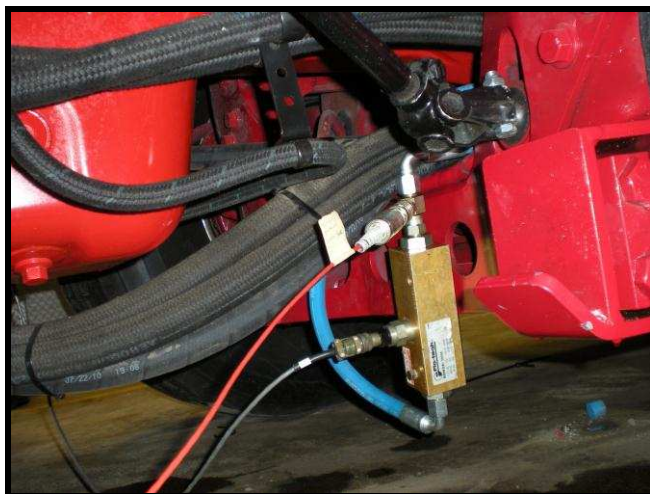


James Roger Lackore, PE
November 18, 2010



Certification Document CD0098 Power Steering System

Pierce Manufacturing, Inc. certifies that the power steering system as installed in our custom chassis meets the requirements of the component supplier, the NFPA 1901 and NFPA 1906 guidelines as applicable, and Pierce internal design standards.



VALIDATION TEST: RD1987, RD2055
RD2056, RD2057, RD2058, RD2059

Pierce Manufacturing, Inc.

A handwritten signature in black ink, appearing to read "David W. Archer".

David W. Archer
Director of Engineering
June 03, 2011



Certification Document CD0130 Saber® FR - Enforcer™ Cab Integrity Certification

Pierce Manufacturing certifies the integrity of the Saber® FR – Enforcer™ cab relative to occupant protection.

A specimen representing the substantial structural configuration of the Saber® FR – Enforcer™ cab models has been successfully tested in accordance with the following standards.

- SAE J2422 Cab Roof Strength Evaluation – Quasi-Static Loading Heavy Trucks.
- European Occupant Protection Standard ECE Regulation No. 29.
- SAE J2420 COE Frontal Strength Evaluation – Dynamic Loading Heavy Trucks.

Side Impact: The test cab was subjected to dynamic preload where a 14,253 lb moving barrier was slammed into the side of the cab at 5.25 mph, striking with an impact of 13,000 ft-lbs of energy. This test is not required to meet the ECE 29 standard, but is part of the SAE J2422 test procedure and more closely represents the forces a cab will see in a roll-over incident.



Frontal Impact: The test cab was struck by the 14,253 lb moving barrier at a speed sufficient to impart the required 32,549 ft-lbs of energy.



Roof Crush: This same test cab was then subjected to a roof crush force of 24,453 lbs. This value meets the ECE 29 criteria, which must be equivalent to the front axle rating up to a maximum of 10 metric tons.



Pass-Fail criteria of the SAE tests and the ECE 29 test is a measure of whether the “survival space” inside the cab is compromised, all doors remain shut, and the cab remained attached to the chassis frame in at least one location. The Pierce cab met all of the Performance Criteria requirements on all 3 integrity tests.

Witnessed and Certified by:

Pierce Manufacturing, Inc.

A handwritten signature in black ink, appearing to read "David Archer", on a white background.

David Archer
Vice President of Engineering

PIERCE MANUFACTURING INC.®

AN OSHKOSH CORPORATION® COMPANY



Certification Document CD0137 **Saber®FR – Enforcer™** **Cab Doors**

Pierce Manufacturing certifies the integrity of the Saber®FR – Enforcer™ cab doors.

Specimens representing the substantial structural configuration of the Saber®FR – Enforcer™ cab front and crew doors have been successfully tested to meet the following objectives:

OBJECTIVES:

- Survive a 200,000-cycle door slam test with a slam acceleration up to 20 g's on one representative
- Validate the assembly concept of the main structure of the door by evaluating the durability of the bonding technique.
- Evaluate components, structure, and mounting of the door during and the end of the test for fatigue and failure to ensure durability.
- Verify that the door seals function properly at the end of the test.
- Evaluate the new extrusions and castings of the cab doorframe during and at the end of the test for fatigue, failure, and deformation of seal flanges.
- Evaluate various mounting options for the electronic control module for durability during portions of the slam test.

CONCLUSIONS:

- The door structure and doorframe successfully completed a 200,000-cycle door slam test with a door slam acceleration of 20 g's.

VALIDATION TEST: RD2425

Pierce Manufacturing, Inc.

David Archer
November 18, 2014





Certification Document CD0132 **Saber®FR – Enforcer™** **Windshield Wiper System**

Pierce Manufacturing certifies the integrity of the Saber® FR –Enforcer™ Windshield Wiper System.

Specimens representing the configuration of the Saber® FR –Enforcer™ windshield wipers have been successfully tested to meet the following objectives:

OBJECTIVES:

- Complete 3,000,000 cycles of windshield wiper operation per SAE J198 § 6.2
- Inspect wiper motor, pivots, linkages, and mounts frequently to validate cumulative wiper system integrity.

CONCLUSIONS:

- The wiper linkage, pivots, and mounts successfully completed the 3,000,000 cycles.

VALIDATION TEST: RD2462

Pierce Manufacturing, Inc.

A black and white image of a handwritten signature, likely of David Archer, on a dark background.

David Archer
Vice President of Engineering





Certification Document CD0133
Saber® FR – Enforcer™
Window Regulators

Pierce Manufacturing certifies the integrity of the Saber® FR – Enforcer™ window regulators.

Specimens representing the substantial structural configuration of the Saber® FR – Enforcer™ window regulators have been successfully tested to meet the following objectives:

OBJECTIVES:

- Electric window regulators withstand 30,000 up-down cycles.

CONCLUSIONS:

- The electric window regulators withstood 30,000 cycles without failure.

VALIDATION TEST: RD2425

Pierce Manufacturing, Inc.

A handwritten signature in blue ink, appearing to read "D. Archer", on a dark background.

David Archer
Vice President of Engineering





Certification Document CD0134 Saber® FR – Enforcer™ Seats and Seat Belts

Pierce Manufacturing certifies the conformance of the Saber® FR – Enforcer™ cab seats and seat belts to Federal Motor Vehicle Safety Standards. Representative Saber® FR – Enforcer™ Seat and Seat Belt designs have been tested successfully in accordance with FMVSS 207.

Physical testing was performed to qualify passenger seats to meet Federal Motor Vehicle Safety Standards (FMVSS) 207 and 210. This requires that a minimum of 3,000 lbf be applied to both the lap and shoulder belts via appropriate body blocks. A third force of twenty times the mass of the seat must be applied at the center-of-gravity (CG) of the seat. All three forces are applied at the same time, reached within thirty seconds of the start of the test, and be held for a minimum of ten seconds.

A force equal to twenty times the mass of the seat was applied to each seat in the direction opposite to the combination pull. A moment of 275 lb-ft was applied to the seat with reference to the H-point.

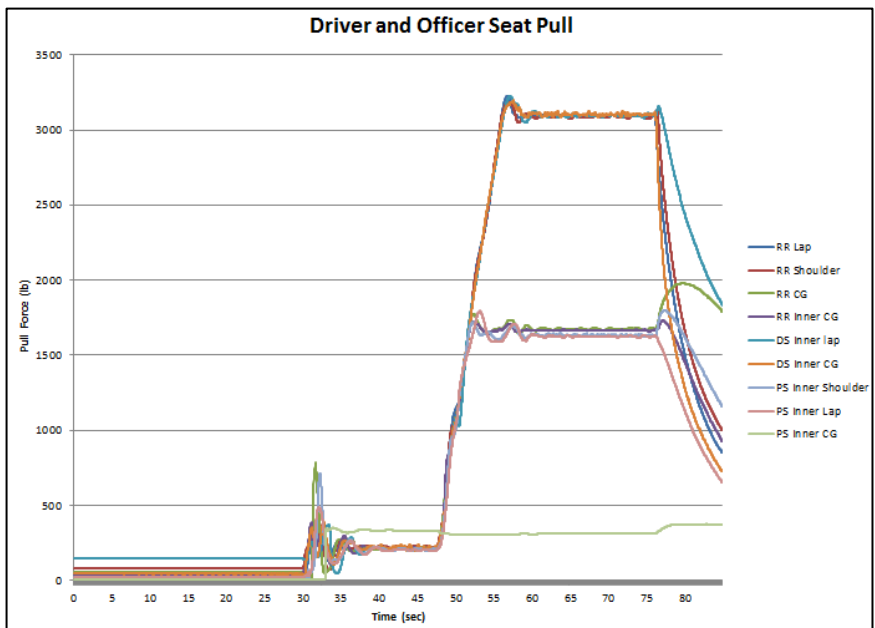
This testing ensures that the seat mounting and seat belt anchors are adequate to retain the seats and occupants in a crash. The Federal requirements are based on the high deceleration rates of passenger vehicles, so the design requirements are significantly more conservative considering the slower crash speeds of heavy trucks.

VALIDATION TESTS: RD2397

Pierce Manufacturing, Inc.



David Archer
Vice President of Engineering



TRW COMMERCIAL STEERING SYSTEMS
800 HEATH STREET
LAFAYETTE, INDIANA 47904



PRODUCT WARRANTY

- I. WARRANTY:** The Commercial Steering Systems group of TRW, Inc., hereinafter referred to as "CSS", warrants that each new product supplied by CSS to its customer, when properly installed, used and maintained, shall be free from defect in material and workmanship for the period specified below:
- (A) CSS Product installed in **New On-highway Motor Vehicle:**
- Within twelve (12) months after date of delivery of such vehicle to the original retail purchaser, or before such vehicle has been driven one hundred thousand (100,000) miles, whichever event shall first occur.
- (B) CSS Product installed in **New Agricultural, Turf, Industrial, or Construction Vehicles and Related Equipment**
- Within twelve (12) months after date of delivery of such vehicle/equipment to the original retail purchaser or before such vehicle/equipment has been operated for two thousand (2000) hours or fifty thousand (50,000) miles, whichever occurs first.
- (C) CSS Product installed in **New End Product, Not Specifically Mentioned in Classifications (A) or (B) Above and All Other Off-Highway/Severe Applications:**
- Within six (6) months after date of delivery of the original equipment manufacturer's end product to the original retail purchaser.
- II. REMEDY:** Customer's sole remedy under the foregoing warranty is limited to correction by means of repair, replacement or issuance of credit, at the option of CSS, of any product which is:
- (A) Returned to CSS within the specified warranty time period, with prior notice to, and the written consent of, CSS, with transportation and handling charges prepaid, together with a statement describing the alleged defect, the part number, model number and application, and mileage or hours of use of such product; and
- (B) Upon examination, determined by CSS not to conform to the warranty.
- III.** Any product which is repaired or replaced under this warranty will be returned to customer prepaid. Disposition of any product determined not to be covered by this warranty will be at the customer's expense.
- IV.** CSS will not be liable for any repairs, replacements, or adjustments to any product or any cost of labor performed by or at the request of customer without the express prior written consent of CSS.
- V. EXCEPTIONS:** The provision of this warranty shall not apply to any CSS product which is used for a purpose for which it is not designed, or which shall have been repaired or altered in any way, or which has been subject to misuse, negligence or accident, neglect of normal maintenance services, so as, in the judgement of CSS to adversely affect its performance and reliability. In no case will the CSS warranty exceed the standard published warranty of its customer in terms of time and/or distance. In all events, the CSS warranty will expire thirty (30) months after the date of manufacture as stamped on the Product. In the case of hydraulic equipment, operation with unapproved fluid or temperatures voids this warranty.
- VI. EXCLUSION OF ALL OTHER REMEDIES AND LIMITATION OF LIABILITY:** Customer's sole and exclusive remedy under the foregoing warranty shall be for the repair, replacement or issuance of credit with respect to a defective product, as set forth and described above. Other provisions hereof notwithstanding, CSS shall not be liable to Customer, or any successor in interest, beneficiary or assignee of Customer, based upon any claim against CSS, whether in contract, warranty, negligence, strict liability, indemnity or otherwise, for any special, consequential, incidental or other damages relating in any way to the design, manufacture, sale, installation or other use of any product purchased from CSS.
- VII. EXCLUSION OF ALL OTHER WARRANTIES: THE FOREGOING WARRANTY IS THE EXCLUSIVE WARRANTY BY CSS AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES AND REPRESENTATIONS, WHETHER ORAL, WRITTEN, EXPRESSED, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**



Certification Document CD0131 Saber® FR – Enforcer™ Cab Heater & Defrost

Pierce Manufacturing certifies the performance of the Saber® FR – Enforcer™ cab heat and defroster systems.

The Saber® FR - Enforcer™ Heater and Defroster System was tested successfully in an environmental chamber.

Defrosting

Defroster testing was performed in accordance with *SAE J381 Windshield Defrosting Systems Test Procedure and Performance Requirements-Trucks, Buses, and Multipurpose Vehicles*.

This SAE Recommended Practice establishes uniform test procedures and performance requirements for the defrosting system of enclosed cab trucks, buses, and multipurpose vehicles. Current engineering practice prescribes that for laboratory evaluation of defroster systems, an ice coating of known thickness be applied to the windshield and left- and right-hand side windows to provide more uniform and repeatable test results, even though under actual conditions such a coating would necessarily be scraped off before driving. The test condition, therefore, represents a more severe condition than the actual condition, where the defroster system must merely be capable of maintaining a cleared viewing area.

During the test, the vehicle is cold-soaked to 0° F in a cold chamber. A prescribed layer of ice is applied to the windshield. The defroster is then run and the advancing melt boundary marked as the test proceeds.

The SAE prescribed area of the windshield was 100% cleared and the side windows were 75% cleared within the specified 30 minute period.



Start of Test



10 Minutes



30 Minutes

Defrost Results



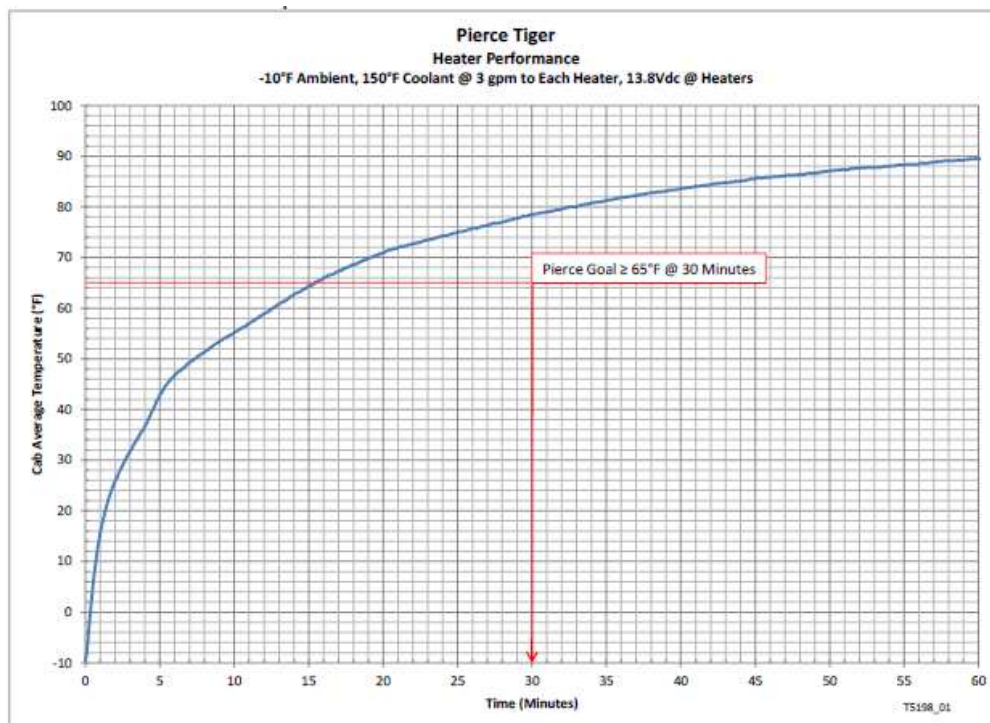
Right

Viewed From Outside

Left

Heater:

Heater testing was performed using the coolant supply procedures from SAE J381. The average cab temperature increased 88.3° F from -10° F to 78.3° F within the prescribed 30 minutes. The cab was contained in a cold chamber at -10° F during the duration of the test.



VALIDATION TEST: T5198REP

Pierce Manufacturing, Inc.

David Archer
Vice President of Engineering



Certification Document CD0135 Saber® FR - Enforcer™ Air Conditioning

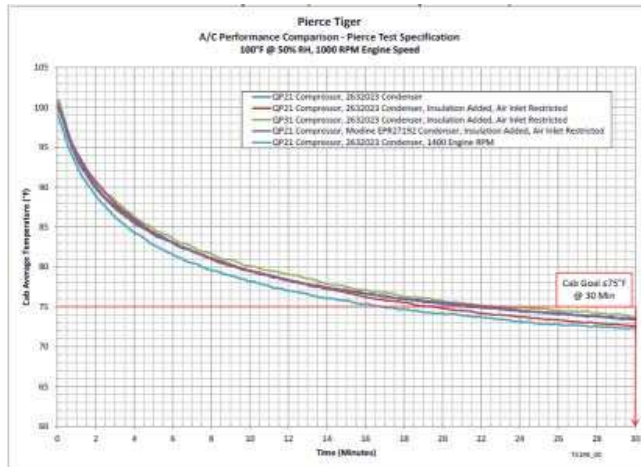
Pierce Manufacturing certifies the performance of the Saber®FR - Enforcer™ cab air conditioning system.

The air conditioning system was tested successfully in an environmental chamber.

Air conditioning performance testing was conducted at an ambient of 100°F and 50 percent relative humidity. The engine speed was maintained at both 1000 and 1400 RPM to simulate both the Cummins engine and Detroit Diesel engine. Both the QP21 and QP31 compressors were tested with the controls set to maximum cooling.

The vehicle was heat soaked in the environmental chamber. All temperature probes were monitored to confirm temperature stabilization. The transient test began when all the vehicle doors were closed and the air conditioning turned on.

The average cab temperature dropped to a maximum of 73.6°F within 30 minutes in all configurations.



VALIDATION TEST: RD2455

Pierce Manufacturing, Inc.

David W. Archer
Vice President of Engineering



Fire and Rescue Apparatus

Lifetime Fifty (50) Year Structural Integrity

Custom Chassis Frame

Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	Custom chassis frame rail manufactured by Pierce shall be free from defects in material and workmanship
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	Fifty (50) Years (Expected Life of Apparatus)
Conditions and Exclusions: See Also Paragraphs 2 thru 4	This warranty does not apply to damage caused by corrosion.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY.

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES.

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



Dana Holding Corporation
Commercial Vehicle Products Group
Graco Lake Corporate Center
1 Village Center Drive
Van Buren Township, Michigan 48111
www.dana.com

FOR IMMEDIATE RELEASE

5 YEAR WARRANTY FOR YOUR FIRE/RESCUE VEHICLE

Dana Holding Corporation's Commercial Vehicle Systems Group is pleased to announce a change in our standard warranty for fire/rescue vehicles. Starting in 2011, all steer and drive axle applications for fire or rescue vehicles will carry a minimum 5 year / 100,000 mile warranty. Additional 1 and 2 year extended warranty packages are available. (Applicable fees apply) That's a total of 7 years of warranty coverage. Our experience in extended warranty coverage's dates back to the mid 80's. Since then, we have pioneered many new programs designed to deliver warranties, which meet the demands of an ever-changing industry. From our first versions of the on/off-highway coverage's, to our more recent vocational warranties, customization and customer satisfaction, have always been our goals.

For further information and requirements, please go to www.roadranger.com.

24K STEER BEAM NOW AVAILABLE

Dana Holding Corporation is continually working with chassis manufactures to determine needs and how best to offer a solution. The amount of equipment has increased over the years and not all firehouses can accommodate a tandem axle vehicle. We have listened to your requests for a slightly higher front GAWR for single axle vehicles. Dana can now offer a front steer beam with a 5 1/4" drop at 24K GAWR. This will allow chassis manufactures to meet the limited length requirements while still carrying the same amount of equipment.

Please contact your Dana representative for further information

For additional information please contact:

Alan Manzon
Account Manager - Specialty Markets
Dana Holding Corporation
One Village Center Dr.
Van Buren Twp., MI 48111-5711
Phone: (734) 629-1141
alan.manzon@dana.com

EATON

The Roadranger System



Roadranger
BUILT TO LAST FOR THE ROAD



Dana Holding Corporation
Commercial Vehicle Products Group
Grace Lake Corporate Center
1 Village Center Drive
Van Buren Township, Michigan 48111
www.dana.com

New for 2011!

Dana Holding Corporation is pleased to announce a change in our standard warranty for fire/rescue vehicles. All steer and drive axles will now come with a 5 year / 100,000 mile warranty. For further information, please go to www.roadranger.com.

Dana Holding Corporation is working with chassis manufactures to supply a 24K front steer beam with a 5 ¼' drop. We have listened to your requests for a slightly higher GAWR for single axle aerals. Not all fire stations can accommodate a long wheel base application. This allows manufactures to meet the limited length requirements for smaller fire houses. Please submit your requests through our website. Please indicate on the application your need for 24K GAWR.

Finally, our drive axles will accommodate simultaneous auxiliary braking. Dana axles are built tough and were design with Telma retarders in mind. Submit your application for single or tandem designation.

Dana Holding Corporation will work with you to provide the best drive train solution with the best warranty in the fire/rescue industry. For additional information please contact:

Alan Manzoni
Account Manager - Specialty Markets
Dana Holding Corporation
One Village Center Dr.
Van Buren Twp., MI 48111-5711

Phone: (734)629-1141
Cell: (269)312-3220
Alan.manzoni@dana.com



Fire and Rescue Apparatus

Three (3) Year Material and Workmanship Meritor Wabco ABS Brake System Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	The Meritor Wabco ABS brake system shall be covered by Meritor Wabco as indicated in the attached Meritor Wabco warranty coverage description
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	Three (3) Year
Conditions and Exclusions: See Also Paragraphs 2 thru 4	The exclusions listed in the attached Meritor Wabco warranty description shall apply.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.

MERITOR® COMMERCIAL VEHICLE SYSTEMS



WARRANTY / MODEL YEAR 2013 VEHICLES



MERITOR®

WARRANTY INFORMATION CONTENTS

Effective Model Year 2013 Vehicles

Linehaul	4-5
General Service.....	6-7
Heavy Service	8-9
Off-Highway Service	10
Terms and Conditions	11

How to Read Warranty Coverage

Number of Years	Mileage (in thousands) Unl=Unlimited	P=Parts Only P&L=Parts & Labor
-----------------	---	-----------------------------------

Models or components that are approved for use by Meritor's vocational guidelines contained in Meritor Publication TP-9441 for axles, SP-8320 for trailer axles, which are not specifically listed, are warranted for one year, unlimited miles, parts only (1/Unl/P).

HEAVY SERVICE WARRANTY INFORMATION

HEAVY SERVICE VEHICLES

- Airport Rescue Fire (ARF)
- Airport Shuttle
- Asphalt Truck
- Block Truck
- Bottom Dump Trailer Combination
- Cementing Vehicle
- City Bus
- Commercial Pick-Up
- Concrete Pumper
- Construction Material Hauler
- Crash Fire Rescue (CFR)
- Mixer
- Demolition
- Drill Rig
- Dump
- Emergency Service
- Equipment Hauling
- Flatbed Trailer Hauler
- Flatbed Truck
- Fracturing Truck
- Front Loader
- Geophysical Exploration
- Hopper Trailer Combinations
- Landscaping Truck
- Liquid Waste Hauler
- Log Hauling
- Lowboy
- Michigan Special Gravel Trains
- Michigan Special Log Hauler
- Michigan Special Steel Hauler
- Michigan Special Waste Vehicle
- Municipal Dump
- Rapid Intervention Vehicle (RIV)
- Rear Loader
- Recycling Truck
- Residential Pick-Up
- Rigging Truck
- Roll-Off
- Scrap Truck
- Semi-End Dump
- Sewer/Septic Vacuum
- Shuttle Bus
- Side Loader
- Snowplow/Snowblower
- Steel Hauling
- Tanker
- Tank Truck
- Tractors with Pole Trailers
- Tractor/Trailer with Jeeps
- Transfer Dump
- Transfer Vehicle
- Transit Bus
- Trolley
- Utility Truck
- Winch Truck

HEAVY SERVICE TYPICALLY IS

- Moderate mileage operation (less than 60,000 miles per year)
- On/Off road vocations (10% or more off-road)
- Moderate to frequent stops/starts (up to 10 stops per mile)

Coverage under Meritor's warranty requires that the application of products be properly approved pursuant to OEM, Meritor, Meritor WABCO, and ZF engineering approvals. Refer to TP-9441 for axles, SP-8320 for trailer axles, and/or contact Meritor regarding specific application approval questions on any product line.

FRONT DRIVE/NON-DRIVE STEER AXLES – 2/UNL/P&L

FD-965	FG-941	MFS-6-162B	MFS-10-143A-N	MFS-16-122A-N	MX-16-120
FF-941	FG-943	MFS-6-162C	MFS-10-144A-N	MFS-16-143A-N	MX-17-140
FF-942	FH-941	MFS-7-113C-N	MFS-12-143A-N	RF-16-145	MX-19-140
FF-943	FH-945	MFS-7-153C-N	MFS-12-144A-N	MFS-18-133A-N	MX-21-140
FF-944	FH-946	MFS-7-163C-N	MFS-12-155	MFS-20-133A-N	MX-21-160
FF-946	FL-941	MFS-8-113B-N	MFS-13-143A-N	RF-21-160	MX-23-160
FF-961	FL-943	MFS-8-153B-N	MFS-13-144A-N	MX-10-120	MX-23-810
FF-966	MFS-6-151A-N	MFS-8-163B-N	MFS-13-155	MX-12-120	
FF-967	MFS-6-153B	MFS-10-122A	MFS-14-143A-N	MX-14-120	

CLUTCHES

15.5" HD Clutch ¹	1/100/P&L
15.5" TwinXTend	1/100/P&L
17" FreedomLine Clutch	1/100/P&L

¹ Products with an in-service date prior to 11/01/02 warranted by Meritor Clutch Company.

DRIVELINES – 1/UNL/P&L

RPL	92N	RN	MXL
-----	-----	----	-----

REAR DRIVE SINGLE AXLES – 2/UNL/P&L

MS-10-113	RC-23-160	MS-26-616
RS-13-120	RH-23-160	RS-26-185/380
RS-15-120	RS-23-160	MS-30-616
MS-17-14X	RS-23-160	RH-30-185
RS-17-144/145/A	RC-23-161	RS-30-185/380
MS-19-14X	RH-23-161	MS-35-380
RS-19-144	RS-23-161	RS-38-380
MS-21-114	RS-23-186/380	RC-25-160
MS-21-14X	RC-23-162	RC-26-633
RS-21-145	RC-23-165	MT-58-616
RS-21-145/A	RS-24-160	71162
RS-21-160	RS-25-160	71163
RC-22-145	RH-26-185	

OFF-HIGHWAY SERVICE WARRANTY INFORMATION

INDUSTRIAL AND OFF-HIGHWAY SERVICE VEHICLES

- Load-On/Load-Off
- Port Tractor
- Rail Yard Spotter
- Roll-On/Roll-Off
- Stevedoring Tractor
- Trailer Spotter
- Yard Jockey
- All-Terrain Crane
- Rough Terrain Crane
- Forestry
- Material Handling
- Specialized Heavy Haul
- Specialized Mining
- Excavator
- Compactor
- Fertilizer Spreader
- Snow Blower
- Mining
- Rail Car Mover
- Loader
- Tow Tractor
- Pushback Tractor

INDUSTRIAL AND OFF-HIGHWAY SERVICE TYPICALLY IS

- Low mileage operation
- Low speed vehicle speed restriction
- Vehicles are **not** typically licensed for highway use
- Six (6) starts/stops per mile (typical)

Coverage under Meritor's warranty requires that the application of products be properly approved pursuant to OEM, Meritor, Meritor WABCO, and ZF engineering approvals. Refer to TP-9441 for axles and/or contact Meritor regarding specific application approval questions on any product line.

DRIVE STEER AXLES – 1/UNL/P

MOR	MOX	MOC
-----	-----	-----

FRONT NON-DRIVE STEER AXLES – 1/UNL/P

FF - 941	FL - 943	MFS-16-143A-N
FF - 943	MFS-12-143A-N	MFS-18-133A-N
FF - 961	MFS-12-144A-N	MFS-20-133A-N
FF - 966	MFS-13-143A-N	MON-ZO FAMILY
FG - 941	MFS-13-144A-N	
FG - 943	MFS-14-143A-N	
FL - 941	MFS-16-122A-N	

PLANETARY AXLES – 1/UNL/P

MOR	MOX	MOC	MOT
-----	-----	-----	-----

REAR DRIVE SINGLE AXLES – 1/UNL/P

RS-23-186	MS-30-616	MS-35-380
RS-23-380	RS-30-185	
RS-24-160	RS-30-380	

DRIVELINES – 1/UNL/P

RPL	RN	MXL
-----	----	-----

REAR DRIVE TANDEM AXLES – 1/UNL/P

MT-44-14X/P	MT-70-380	RT-46-164EH/P
MT-52-616	RT-44-145/P	RT-50-160/P
MT-58-616	RT-46-160/P	

BRAKE COMPONENTS

Cam P	3/Unl/P
Cam Q Plus™	3/Unl/P&L
ASA	3/Unl/P
Hubs/Cast Drums and Other Wheel-end Components	1/Unl/P
Hydraulic Disc Brakes	1/Unl/P
All Other Brakes	1/Unl/P
LX500 Feature ¹	1/Unl/P

¹ Includes: bushing, seal, cam and ASA.

² Based on stamped wear diameter max.

MERITOR WABCO COMPONENTS¹

ABS (Anti-Lock Braking System) Air/Hydraulic	3/300/P&L
Air Dryers (ALL)	1/100/P&L
Leveling Valves	1/Unl/P&L
Air Brake Valves	1/100/P
Clutch Controls	2/200/P&L
Air Compressors ²	1/100/P&L
Actuator	1/100/P&L

¹ Warranted by Meritor WABCO Vehicle Control Systems.

² WABCO compressors installed on Cummins, Mercedes, and DDC engines are not warranted or serviced by Meritor WABCO. Please contact your respective dealer/distributor of those engines for warranty and servicing.

TERMS AND CONDITIONS

COVERAGE EXCLUSIONS:

Product Description

All

The cost of any repairs, replacements or adjustments to a covered component (1) associated with noise; (2) resulting from the use or installation of non-genuine Meritor components or materials; (3) due to vibration associated with improper operation or misapplication of drivetrain components; and (4) damage resulting from corrosion.

Front Axles

King Pin Bushings.

Rear Axles

Self-contained traction equalizers and oil filters. The use of NoSPIN differentials will result in the exclusion of axle shafts from warranty considerations. NoSPIN is a product of Eaton.

Clutch

Friction face and mating surface of center and pressure plate, wear pads and clutch brake.

ASA

Boot and bushing. Bent, broken, over-torqued, missing or otherwise damaged pawl assemblies.

ABS, Electronic Stability Control (ESC), Roll Stability Control (RSC) and OnGuard

Cut, broken, chaffed or otherwise damaged cable wires. Damaged sensors from removal when seized in block, or sensor adjustments/alignments. Valve failures due to contamination in air system. E.C.U. failures due to excessive over-voltage conditions.

Air Dryers

Mounting brackets (see vehicle OEM). Desiccant cartridge housing only.

Air System Components

Gladhand seals, dash valve knobs, valve actuation handles, treadles, pedals. Water and other contamination damage that is due to the use of a non-genuine air dryer cartridge will not be covered.

Cam Brake

Brake lining wear and brake shoe "rust-jacking."

Disc Brake

Pad wear, rotor wear.

COVERAGE LIMITATIONS:

Product Description

All

Any claim beyond 60 days from date of repair will not be accepted or honored under this warranty program.

Front Axles

Tie rod and tie rod ends limited to 3-year/300,000-mile or published vocational coverage, whichever is less. Wheel seals, gaskets and wheel bearings are covered for 1 year/unlimited miles if the wheel end equipment is supplied and assembled by Meritor.

Rear Axles

Pinion and through shaft seals limited to 3-year/300,000-mile or published vocational coverage, whichever is less, if yoke is installed by Meritor. If yoke is not installed by Meritor, then Meritor does not warrant pinion seals. Wheel seals, gaskets and wheel bearings are covered for 1 year/unlimited miles if the wheel end equipment is supplied and assembled by Meritor.

Rear Axles

The Meritor® breather part number A-2297-C-8765 with A-3196-J-1336 hose must be used for eligibility of any potential warranty consideration relating to contamination and/or loss of lube in axles.

Cam Brake

Limited to bracket, brake spider and camshaft structural integrity.

X30

Wearable life is up to the discard diameter of the drum.

Disc Brake

Warranty coverage for boots, seals, bushings and pins is 2/200/P. Warranty coverage for pads is 1/100/P.

Warranty coverage on vehicles with 1,850 lb-ft engine torque and over may be reduced on individual drivetrain components. Contact your Meritor representative for specific details.

TERMS AND CONDITIONS

(1) What is Covered by this Commercial Warranty?

Meritor Inc. warrants to the owner ("Owner") that the components listed in this publication, which have been installed by an Original Equipment Manufacturer ("OEM") as original equipment in vehicles licensed for on-highway use, will be free from defects in material and workmanship. This warranty coverage begins only after the expiration of the OEM's vehicle warranty for the applicable covered components. Warranty coverage ends at the expiration of the applicable time period from the date of vehicle purchase by the first Owner, or, the applicable mileage limitation, whichever occurs first. Duration of coverage varies by component and vocation as detailed elsewhere in this warranty statement.

Some components are warranted for parts only and the Owner must pay any labor costs associated with the repair or replacement of the component. Other components are warranted for both parts and reasonable labor to repair or replace the subject component. Components (whether new, used or remanufactured) installed as replacements under this warranty are warranted only for the remainder of the original period of time or mileage under the original warranty.

For certain components, coverage requires the use of specific extended drain interval or synthetic lubricants. For further information about lubrication and maintenance, see Meritor publication Maintenance Manual Number I and the applicable Meritor maintenance manual for the product in question. Other conditions and limitations applicable to this warranty are detailed below.

(2) Designation of Vocational Use Required.

To obtain warranty coverage, each Owner must notify Meritor through the OEM new truck and/or trailer dealer of the intended vocational use of the vehicle into which the Meritor components have been incorporated prior to the vehicle in-service date. This notification may be accomplished by registering the vehicle through your OEM new truck and/or trailer dealer or with Meritor directly. Failure to notify Meritor of (I) the intended vocational use of the vehicle or (II) a change in vocational use from that which was originally designated, will result in the application of a one year, unlimited mileage, parts only warranty (1/Unl/P) from the initial in-service date.

A second Owner and each subsequent Owner must also notify Meritor as to the intended vocational use of the vehicle. This notification can be sent directly to Meritor or through the OEM new truck and/or trailer dealer. The duration and mileage coverage of this warranty cannot exceed the coverage extended to the first Owner after his or her initial designation of vocational use.

Coverage under Meritor's warranty requires that the application of products be properly approved pursuant to OEM, Meritor, Meritor-WABCO, and ZF engineering approvals. Refer to TP-9441 for axles, SP-8320 for trailer axles, and/or contact Meritor regarding specific application approval questions on any product line.

(3) What is the Cost of this Warranty?

There is no charge to the Owner for this warranty.

(4) What is not Covered by this Warranty?

This warranty does not cover normal wear and tear; nor does it cover a component that fails, malfunctions or is damaged as a result of (I) improper installation, adjustment, repair or modification (including the use of unauthorized attachments or changes or modification in the vehicle's configuration, usage, or vocation from that which was originally approved by Meritor), (II) accident, natural disaster, abuse, or improper use (including loading beyond the specified maximum vehicle weight or altering engine power settings to exceed the transmission, axle, driveline, and/or clutch torque capacity), or (III) improper or insufficient maintenance (including deviation from approved lubricants, change intervals, or lube levels). This warranty does not cover any component or part that is not sold by Meritor. For vehicles that operate full or part time outside of the United States and Canada, a one year, unlimited mileage, parts only warranty (1/Unl/P) will apply.

(5) Remedy.

The exclusive remedy under this warranty shall be the repair or replacement of the defective component at Meritor's option. Meritor reserves the right to require that all applicable failed materials are available and/or returned to Meritor for review and evaluation.

(6) Disclaimer of Warranty.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES OR CONDITIONS, EXPRESSED, IMPLIED OR STATUTORY INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.

(7) Limitation of Remedies.

In no event shall Meritor be liable for special, incidental, indirect, or consequential damages of any kind or under any legal theory, including, but not limited to, towing, downtime, lost productivity, cargo damage, taxes, or any other losses or costs resulting from a defective covered component.

(8) To Obtain Service.

If the Owner discovers within the applicable coverage period a defect in material or workmanship, the Owner must promptly give notice to either Meritor or the dealer from which the vehicle was purchased. To obtain service, the vehicle must be taken to any participating OEM new truck and/or trailer dealer or authorized Meritor service location. The dealer will inspect the vehicle and contact Meritor for an evaluation of the claim. When authorized by Meritor, the dealer will repair or replace during the term of this warranty any defective Meritor component covered by this warranty.

(9) Entire Agreement.

This is the entire agreement between Meritor and the Owner about warranty and no Meritor employee or dealer is authorized to make any additional warranty on behalf of Meritor. This agreement allocates the responsibilities for component failure between Meritor and the Owner.



Meritor Heavy Vehicle Systems, LLC

2135 West Maple Road
Troy, Michigan 48084 USA

For more information:
866-OnTrac1 (866-668-7221)
meritor.com

Vehicle models, brands and names depicted herein are the property of their respective owners, and are not in any way associated with Meritor, Inc., or its affiliates.

Litho in USA
©2012 Meritor, Inc.
SP-95155 Revised 06-12 (47865/11900)



Fire and Rescue Apparatus

Ten (10) Year Structural Integrity

Custom Cab

Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	The Pierce Custom Cab shall be free from structural failures caused by defects in material and workmanship
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	Ten (10) Years - or - 100,000 Miles
Conditions and Exclusions: See Also Paragraphs 2 thru 4	This warranty applies only to the cab tubular support and mounting structures and other structural components of the cab of the vehicle model, as identified in the Pierce specifications for the Fire and Rescue Apparatus. This warranty does not apply to damage caused by corrosion.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY.

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES.

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



Fire and Rescue Apparatus

Ten (10) Year Pro-Rated Paint and Corrosion

Cab

Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	Exterior surfaces of the cab painted by Pierce shall be free from blistering, peeling, corrosion or any other adhesion defect caused by defective manufacturing methods or paint material selection.
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	Ten (10) Years
Conditions and Exclusions:	This limited warranty is applicable to the vehicle in the following percentage costs of warranty repair, if any: Topcoat Durability & Appearance: Gloss, Color Retention & Cracking 0-72 months 100% 73-96 months 50% 97-120 months 25% Integrity of Coating System: Adhesion, Blistering/Bubbling 0-36 months 100% 37-84 months 50% 85-120 months 25% Corrosion: Dissimilar Metal and Crevice 0-36 months 100% 37-48 months 50% 49-72 months 25% 73-120 months 10% Corrosion Perforation 0-120 months 100% This limited warranty applies only to exterior paint. Paint on the vehicle's interior is warranted only under the Pierce Basic One Year Limited Warranty. Items not covered by this warranty include: (a) Damage from lack of maintenance and cleaning (proper cleaning and maintenance procedures are detailed in the Pierce operation and maintenance manual). (b) UV paint fade. (c) Any cab not manufactured by Pierce.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

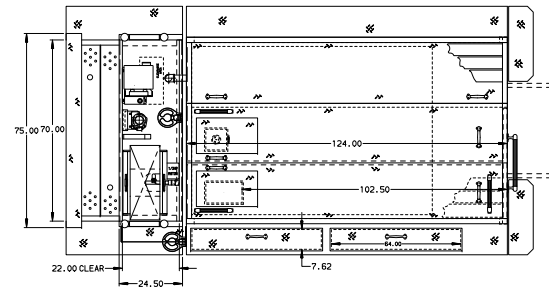
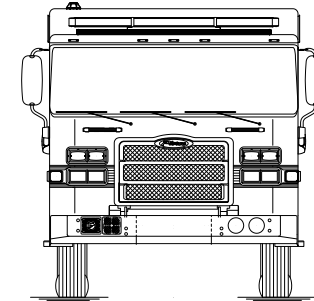
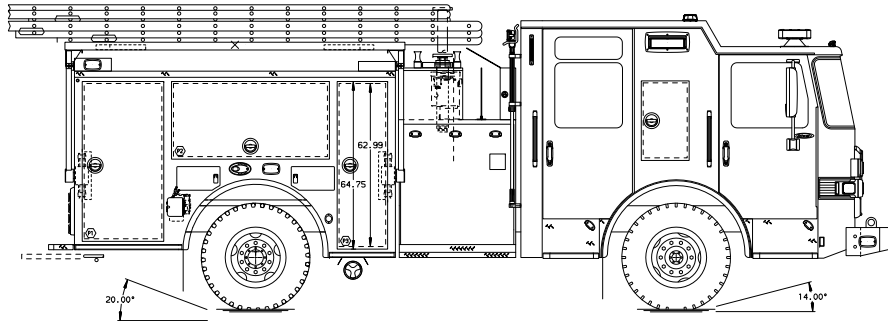
3. BUYER'S EXCLUSIVE REMEDY

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

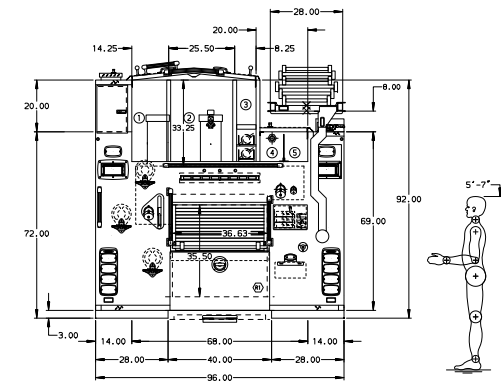
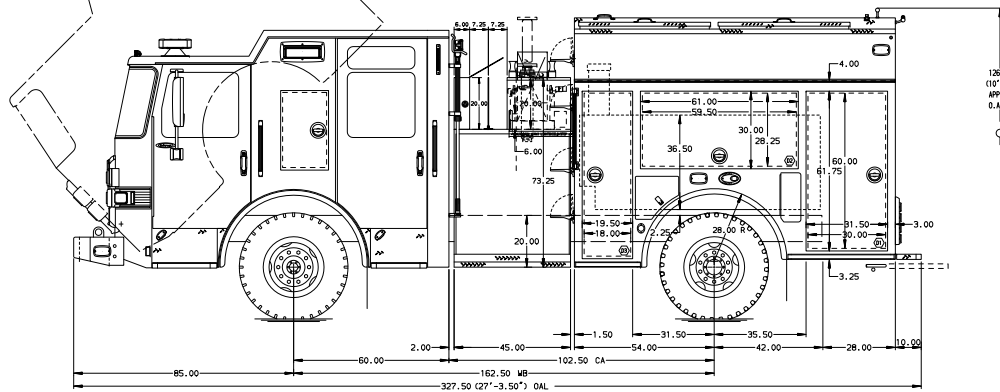
4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



- HOSE CAPACITIES**
- ① 800' OF 2.50" HOSE
 - ② 800' OF 5.00" HOSE
 - ③ 200' OF 2.50" HOSE
 - ④ 200' OF 1.50" HOSE
 - ⑤ 100' OF 1.50" HOSE



ALUMINUM BODY

SIDE ROLL AND FRONTAL IMPACT PROTECTION

NOTE
DIMENSIONS SHOWN ARE APPROXIMATE
AND ARE SUBJECT TO MINOR DEVIATIONS
AS MAY OCCUR OR BE NECESSARY IN
CONSTRUCTION.
MINOR DETAILS NOT SHOWN.

CUSTOMER APPROVAL

APPROVED BY:

DATE:

CHASSIS DATA

MAKE

PIERCE

MODEL

REV DATE BY CH ENFORCER

Pierce MANUFACTURING INC.		JOB NO.	PRELIM
		SCALE	DATE
		1:24	
		DRAWN BY	OSAPR17
		MMF	
		CHECKED BY	OSAPR17
		CCA	
		SHEET SIZE	SHEET NO.
		D	1 of 1

TITLE 1500-D-600P W/20 GAL FOAM, 124" BODY, 3" RAISED REAR (2) XLAYS, BOOSTER REEL, DELUGE, HUSKY, HYD LADR RACK FOR UKIAH FIRE DEPARTMENT BID 655 GOLDEN STATE FIRE APPARATUS, INC. JON BAUER

04-3512

DWG NO.

ATTACHMENT 2

Pierce Manufacturing Inc.

AN OSHKOSH CORPORATION COMPANY • ISO 9001:2000 CERTIFIED



2600 AMERICAN DRIVE
POST OFFICE BOX 2017

APPLETON, WISCONSIN 54912-2017

920-832-3000 • FAX 920-832-3208

www.piercemfg.com

PROPOSAL FOR PIERCE® FIRE APPARATUS

City of Ukiah Fire Department
300 Seminary Avenue
Ukiah, CA 95482

DATE	April 6, 2017
QUOTE NO.	500406-17-AA
EXPIRES	September 29, 2017
SALES REP.	Jon Bauer

The undersigned is prepared to manufacture for you, upon an order being placed by you, for final acceptance by Pierce Manufacturing, Inc., at its home office in Appleton, Wisconsin, the apparatus and equipment herein named and for the following prices:

OPTION A: FULL PAYMENT AT CONTRACT SIGNING

#	Description	First Unit	Second Unit
A	Enforcer Type 1 Engine (GPO Purchase Code 2.1)	554,837.85	525,810.98
B	Delivery / Dealer Preparation	4,850.00	4,850.00
C	DISCOUNT FOR FULL PAYMENT AT CONTRACT SIGNING	(28,095.01)	(26,461.21)
D	SUBTOTAL	531,592.84	504,199.77
E	State Sales Tax @ 8.375%	44,520.90	42,226.73
F	Performance Bond	1,637.71	1,552.78
G	TOTAL PER UNIT	577,751.45	547,979.28
	GRAND TOTAL	1,125,730.73	

OPTION A - FULL PAYMENT AT CONTRACT SIGNING TERMS AND CONDITIONS:

- 1) The Grand Total pricing is only valid if two (2) units are purchased at the same time, on the same contract (or purchase order).
- 2) The City of Ukiah pay the purchase price of **\$1,125,730.73** for the Product within fifteen (15) calendar days of contract signing directly to Pierce Manufacturing Inc.
- 3) The proposed delivery timeframe for the Product will not begin until Pierce Manufacturing Inc. approves the contract and receives full payment of the purchase price of **\$1,125,730.73**.
- 4) If payment of **\$1,125,730.73** is late and if the City of Ukiah elects not to have the delivery extended, **\$95.00** per calendar day will be added to the final invoice.

OPTION B: FULL PAYMENT AT DELIVERY

#	Description	First Unit	Second Unit
A	Enforcer Type 1 Engine (GPO Purchase Code 2.1)	554,837.85	525,810.98
B	Delivery / Dealer Preparation	4,850.00	4,850.00
C	SUBTOTAL	559,687.85	530,660.98
D	State Sales Tax @ 8.375%	46,873.86	44,442.86
E	Performance Bond	1,637.71	1,552.78
F	TOTAL PER UNIT	608,199.42	576,656.62
		GRAND TOTAL	1,184,856.04

OPTION B - FULL PAYMENT AT DELIVERY TERMS AND CONDITIONS:

- 5) The Grand Total pricing is only valid if two (2) units are purchased at the same time, on the same contract (or purchase order).
- 6) The City of Ukiah pay the purchase price of **\$1,184,856.04** for the Product within fifteen (15) calendar days of the units departing the manufacturing facility.

Said apparatus and equipment are to be built and shipped in accordance with the specifications hereto attached, delays due to strikes, war, or intentional conflict, failures to obtain chassis, materials, or other causes beyond our control not preventing, within about 420 to 450 calendar days after receipt of this order and the acceptance thereof at our office at Appleton, Wisconsin, and to be delivered to you at Ukiah, CALIFORNIA.

The specifications herein contained shall form a part of the final contract, and are subject to changes desired by the purchaser, provided such alterations are interlined prior to the acceptance by the company of the order to purchase, and provided such alterations do not materially affect the cost of the construction of the apparatus.

The proposal for fire apparatus conforms with all Federal Department of Transportation (DOT) rules and regulations in effect at the time of bid, and with all National Fire Protection Association (NFPA) Guidelines for Automotive Fire Apparatus as published at the time of bid, except as modified by customer specifications. Any increased costs incurred by first party because of future changes in or additions to said DOT or NFPA standards will be passed along to the customers as an addition to the price set forth above.

Any Purchase Order (PO) issued as a result of this proposal should be made out to Pierce Manufacturing Inc.

Unless accepted prior to September 29, 2017, the right is reserved to withdraw this proposition.

Respectfully Submitted,



Authorized Sales Representative

ATTACHMENT 3



August 29, 2017

City of Ukiah
C/O Trevor Mael

Dear Trevor,

I am pleased to present the terms and conditions of our proposal to lease equipment to City of Ukiah. This letter is not an approval to enter into a lease, nor should it be construed as an offer or commitment to perform any undertaking.

An approval of this proposal may be considered after full review by the appropriate officers of Financial Pacific Leasing, Inc. and Umpqua Bank. Final approval may contain additional or modified terms.

Please indicate your interest in our proposal by signing and returning the enclosed copy of the "Terms and Conditions", along with the Security Deposit, by September 30, 2017. By accepting our proposal, you agree that Umpqua Bank Equipment Leasing & Finance shall not be held liable for any action or inaction stemming from this letter.

Thank you for this opportunity to respond to your needs. We hope that our proposal is both timely and competitive, and we look forward to working with you to successfully fund and close this transaction.

Sincerely,

Brian Hildebrandt
Vice President
1333 N. California Blvd., Suite# 300
Walnut Creek, CA 94596
Phone: (925) 949-2865

Terms and Conditions:

Lessor: Financial Pacific Leasing, Inc., d.b.a. Umpqua Bank Equipment Leasing & Finance, a subsidiary of Umpqua Bank or its assigns ("Lessor")

Lessee(s): City of Ukiah, Ca.

Equipment Financing Vehicle: Municipal Lease-Purchase Agreement

Equipment & Cost: Fire Truck and equipment (the "Equipment"). All Equipment shall be satisfactory to Lessor.

Lease Amount: Not to exceed \$1,125,000.00 in the aggregate.

Lease Term: Ten (10) years

Payments: Twenty (20) payments, payable semi-annually in arrears at \$63,346.88

Lease Rate: 2.31%

The lease rate specified above is based upon the like term (10 year) Swap Rate published by BAML Mercury-Market Summery ("Index") at 2.05% as of August 29, 2017. Should the Index increase prior to any lease schedule documentation and commencement, the lease rates shall be adjusted to maintain the economic returns anticipated by Lessor.

Tax Benefits: The lease shall be considered a municipal lease/purchase and qualifies for tax-exempt status. Lessee shall pay all fees, assessments, sales, use, property and other taxes imposed, except those levied on the net income of Lessor by the United States, the State of California, or other applicable jurisdiction.

Commencement Date: It is contemplated that the Equipment will be installed and acceptable for Lease Commencement on October 15, 2017 and/or on the first or fifteenth day of each month thereafter.

Interim Rent: Interim rent will be payable from the funding date to the Lease Commencement Date at a rate equal to the Lease Rate Factor applied on a per diem basis to the amount funded.

Progress Payments: Lessor will consider periodically disbursing funds to various Equipment vendors under a progress payment agreement (PPA) between Lessor and Lessee. Any funds outstanding under the PPA shall accrue interest from the date of funding to the lease funding date at 65% of the 30 day LIBOR rate + 500bp. Such interest shall be calculated 15 days prior to the 1st day of each month and shall be fixed for each monthly period thereafter. Interest shall be payable on the 1st day of

each month after initial funding. No interest shall be capitalized into the Equipment cost.

End of Lease Options: At the end of the initial lease term, Lessee will have the option to purchase all, but not less than all, of the Equipment for \$1.00.

Expiration of Facility: All fundings shall be allowed in amounts greater than \$50,000.00. All takedowns shall occur prior to June 30, 2018 and without extension, the facility shall expire. Lessor shall have no obligation to lease any item of Equipment after said date.

Net Lease: All costs of operation, maintenance, taxes, insurance and other affiliated costs will be paid by Lessee as this transaction has been structured as a net lease.

Insurance: Lessee will provide evidence of all-risk physical damage and liability insurance coverage in such amounts and with deductibles all as may be required by Lessor. In addition, endorsements and assignments of such policies shall name Lessor (and its assigns) as loss payee and/or additional insured, as may be required by Lessor. All insurance coverage shall be from a carrier acceptable to Lessor.

Maintenance: Lessee shall, at its sole cost and expense, maintain the Equipment in compliance with all statutes, laws, ordinances, regulations, standards, and directives (including environmental) by any governmental agency and the Equipment must be maintained in accordance with all manufacturer's suggested and recommended maintenance procedures including preventive maintenance; and such other maintenance and return conditions as the Lessor may require.

Documentation: All legal matters and all documentation to be executed in connection with the contemplated lease shall be satisfactory in form and substance to Lessor and counsel to Lessor.

Costs & Expenses: Lessee shall be responsible for all fees, costs and disbursements incurred by Lessor in connection therewith, including without limitation, all fees and disbursements of counsel to Lessor (if any), appraisal costs (if any) and all filing and search fees. A documentation fee of \$500 per lease schedule/takedown will be payable by Lessee.

Security Deposit: A **\$500.00** security deposit shall be payable to Lessor upon acceptance of this proposal. This security deposit, less all costs and expenses incurred by the Lessor, including but not limited to documentation and attorney's fees, will be refunded should Lessor not offer an approval for this transaction.

If an approval is extended by Lessor and accepted by Lessee, the security deposit shall convert to an approval fee ("Approval Fee"), which would all be non-refundable if the transaction were not consummated. If the contemplated transaction were consummated, the Approval Fee would be refunded pro-rata (funded amount to the Amount approved) less any costs and expenses incurred by Lessor in connection with this transaction.

**Additional Terms
& Conditions:**

- 1) Any non-appropriation clause in the lease shall be satisfactory to Lessor.
- 2) Anticipated borrowing for 2016 will not exceed \$10,000,000, making the lease "Bank Qualified" under section 265(b)(3) of the IRS Code.
- 3) Lessee is a state or political subdivision thereof, within the meaning of Section 103 of the Internal Revenue Code of 1983.
- 4) Lessor shall receive an Opinion from Lessee's counsel stating that the lease qualifies for tax-exempt financing under IRS guidelines and the Opinion must reference #2 and #3 above.

Confidentiality:

Except as required by law, neither the proposal nor its Terms and Conditions will be disclosed publicly or privately except to those individuals who are your officers, employees or advisors who have a need to know as a result of being involved in the proposed financing. The foregoing confidentiality provisions shall not apply to the disclosure of the federal income tax structure or treatment of the proposed financing.

Authorization:

Lessee acknowledges and agrees that Lessor may furnish all Lessee presented information, financials, analysis, and related credit and review materials to its employees, counsel and agents as well as its participants and assigns. Lessee authorize Lessor to contact Umpqua Bank, and all trade suppliers and other references of Lessee, and to order any and all credit checks and investigative reports, all as Lessor deems necessary in connection with the evaluation of the transaction.

This proposal is for discussion purposes only, and is only a general, non-binding proposal on the part of Lessor.

I/We have reviewed the above Terms and Conditions and request the Lessor to pursue underwriting and approval of a commitment for the described lease agreement.

Accepted this ____ day of _____, 2017

City of Ukiah

By:

Printed Name:

Title:

RESOLUTION 2017-

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF UKIAH
APPROVING PURCHASE OF FIRE ENGINES AND AUTHORIZING
CITY MANAGER TO NEGOTIATE AND EXECUTE LEASE
PURCHASE AGREEMENT AND RELATED DOCUMENTS**

WHEREAS:

1. The City has determined to acquire two 2018 Pierce Enforcer Type 1 Fire Engines (collectively “the Equipment”) as essential components of the City’s Fire Department and the provision of fire protection in the City and in the Ukiah Valley Fire District; and

2. The City Council has determined that acquiring the Equipment under a Master Lease Agreement (“Lease”) and accompanying Equipment Schedule (“Schedule”) with Financial Pacific Leasing, Inc., DBA Umpqua Bank Equipment Leasing & Finance (“Umpqua”) is in the best interests of the City; and

3. Under the Lease, the City will assign to Umpqua the City’s rights, but not its obligations, to acquire the Equipment and Umpqua will lease the Equipment to the City pursuant to the terms set forth in the Term Sheet, attached hereto as Exhibit A; and

4. The City will be obligated under the Lease and accompanying Schedule with Umpqua to make annual lease payments which will total the purchase price of the Equipment plus interest, provided the City Council appropriates funds each year to make the lease payments;

NOW, THEREFORE, BE IT RESOLVED that:

1. The purchase of the Equipment from Pierce Manufacturing Inc. for the total amount of \$1,125,730.73, including sales tax, is hereby approved.

2. The City Manager is hereby authorized and directed to negotiate and execute on behalf of the City a Lease, Schedule and related documents that finance the purchase of the Equipment in accordance with the Term Sheet, attached hereto as Exhibit A, subject to legal review by the City Attorney.

PASSED AND ADOPTED on _____, 2017, by the following Roll Call Vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Jim Brown, Mayor

ATTEST:

Kristine Lawler, City Clerk



AGENDA SUMMARY REPORT

SUBJECT: Discussion and Consideration of Modifications to the 2017 Council Special Assignment and Ad Hoc List, and Adoption of Resolution Establishing the Fire Executive Committee.

DEPARTMENT: City Clerk

PREPARED BY: Kristine Lawler

ATTACHMENTS:

[Attachment 1 - 2017 City Council Special Assignments & Ad Hocs List](#)

[Attachment 2 - Resolution with Exhibit A - Agreement](#)

Summary: On January 4th, 2017, Council approved the 2017 Council Special Assignment List. Periodically, Council is asked to review the list to determine whether to disband ad hocs that are no longer active, and/or create ad hocs and committees for special topics and tasks. At this time, the City Council will consider the following: disband the Fire District Merger Discussion Ad Hoc; create a Fire Executive Committee, per the recently adopted agreement between the City of Ukiah and the Ukiah Valley Fire Protection District; and create a Solid Waste Rate Ad Hoc.

Background: (See summary.)

Discussion: Council may discuss and take action on Staff's recommendation for the following changes to the

RECOMMENDED ACTION: Disband the Fire District Merger Ad Hoc; adopt the Resolution to establish the Fire Executive Committee and appoint Mayor Brown and Vice Mayor Doble as members; and establish and appoint two members to serve on the Solid Waste Rate Ad Hoc.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: N/A

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: Sage Sangiacomo, City Manager; Kirk Thomsen, Interim Fire Chief; and Dan Buffalo, Finance Director

Approved: _____


Sage Sangiacomo, City Manager

2017 Council Special Assignment and Ad Hoc List (Attachment 1):

FIRE DISTRICT MERGER DISCUSSION AD HOC:

Objective - To continue discussions with the Ukiah Valley Fire District for the purpose of working together towards a 'to be determined' form of governance and/or contractual arrangement.

Accomplishment - An agreement was reached and signed by both the City of Ukiah and the Ukiah Valley Fire District on August 24, 2017.

Recommendation - Disband the Fire District Discussion Ad Hoc as the objective has been accomplished.

FIRE EXECUTIVE COMMITTEE:

Objective - Per Agreement No. COU-1718-098 (Exhibit A to Attachment 2), approved by City Council and the Ukiah Valley Fire District on August 24, 2017, both parties agreed that a "Fire Executive Committee", whose members shall consist of two appointees from each party's legislative bodies, be formed to be the administrative entity to implement the purposes of the agreement as specified in the agreement.

Recommendation - Staff recommends that by resolution (Attachment 2), Council establish a "Fire Executive Committee", and appoint Mayor Brown and Vice Mayor Doble to serve on the committee, as they have served on the Fire District Merger Discussion Ad Hoc and are most familiar with the background and discussions. The Fire Executive Committee will be a Standing Committee that will serve until City Council and the Ukiah Valley Fire District Board decides otherwise.

SOLID WASTE RATE AD HOC:

Objective - To review rates and make recommendations (if warranted) to the City Council in regards to the activities/services of City's franchise solid waste hauler and transfer station operator including curbside and transfer station solid waste rates.

Recommendation - Staff recommends that Council establish and appoint two members to serve on a Solid Waste Rate Ad Hoc to accomplish the above objective.

OTHER:

Council may wish to have discussion and consideration, or make additional changes to other ad hocs and/or committee assignments.

2017 COUNCIL ASSIGNMENTS

ATTACHMENT 1

COUNTY/REGIONAL OnGoing One + Alternate	MTG DATE/TIME	MEETING LOCATION	MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
Mendocino Council of Governments (MCOG)	1st Monday of month, 1:30 p.m.	Board of Supervisors Chambers; 501 Low Gap Rd., Ukiah	Executive Director 367 N. State Street, Ste. 206 Ukiah, CA 95482 463-1859	Plan and allocate State funding, transportation, infrastructure and project County wide.	Scalmanini Brown - Alternate	Rick Seanor , Deputy Director of Public Works; 463-6296 rseanor@cityofukiah.com
Mendocino County Inland Water and Power Commission	2nd Thursday of month, 7:00 p.m.	Civic Center 300 Seminary Ave. Conf. Room 5	IWPC Staff P.O. Box 1247 Ukiah, CA 95482 391-7574 - Candace Horsley	Develops coordination for water resources and current water rights: Potter Valley project - Eel River Diversion	Doble Brown - Alternate	Sean White , Water/Sewer Director; 463-5712 swhite@cityofukiah.com
Mendocino Solid Waste Mgmt. Authority (MSWMA)	3rd Thur. of every other month (varies) 10:00 a.m.	Willits Council Chambers	Solid Waste Director 3200 Taylor Dr. Ukiah, CA 95482 468-9710	County-wide Solid Waste JPA	Brown Doble - Alternate	Tim Eriksen , Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com
Mendocino Transit Authority (MTA) Board of Directors	Last Wednesday of month, 1:30 p.m.	Alternating locations - Ukiah Conf. Ctr. Or Ft. Bragg, or Pt. Arena	Executive Director 241 Plant Road Ukiah, CA 95482 462-1422	County-wide bus transpiration issues and funding	Mulheren Brown - Alternate	Tim Eriksen , Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com
North Coast Opportunities (NCO)	Fourth Wednesdays monthly	Alternating locations - Ukiah and Lakeport	Ross Walker, Governing Board Chair North Coast Opportunities 413 North State Street Ukiah, CA 95482	Assist low income and disadvantaged people to become self reliant.	Tami Bartolomei (Appointed 4/05/2017)	Tami Bartolomei , Community Services Administrator; 467-5765 tbartolomei@cityofukiah.com
North Coast Rail Authority (NCRA)	2nd Wednesday of month, 10:30 a.m.	Various Locations - announced	419 Talmage Road, Suite M Ukiah CA 95482 463-3280	Provides a unified & revitalized rail infrastructure meeting the freight and passenger needs of the region	Mulheren	Shannon Riley , Senior Mgmt Analyst; 467-5793 sriley@cityofukiah.com
Russian River Watershed Association	4th Thursday of month, 9:00 a.m. (only 5 times a year)	Windsor Town Hall	Russian River Watershed Association Attn: Daria Isupov 425 South Main St., Sebastopol, CA 95472 666-4857	Consider issues related to Russian river - plans projects and funding requests	Doble Brown - Alternate	Sean White , Water/Sewer Director; 463-5712 swhite@cityofukiah.com
COUNTY/REGIONAL One + Staff Alternate	MTG DATE/TIME	MEETING LOCATION	MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
Depot Infrastructure Development	TBD	TBD	300 Seminary Ave. Ukiah, CA 95482	Review and advise regarding public infrastructure improvements in and around the railroad depot property and area	Doble (no alternate necessary)	Shannon Riley , Senior Mgmt Analyst; 467-5793 sriley@cityofukiah.com
Economic Development & Financing Corp. (EDFC)	2nd Thursday of month. 2:00-4:30 p.m.	Primarily 631 S. Orchard St., but location varies	Executive Director 631 South Orchard Ukiah, CA 95482 467-5953	Multi-agency co-op for economic development and business loan program	Doble Riley - Alternate	Shannon Riley , Senior Mgmt Analyst; 467-5793 sriley@cityofukiah.com
Greater Ukiah Chamber of Commerce Liaison ex officio	4th Wednesday of month, 9:00 a.m.	Conference Center 200 S. School Street, Ukiah	200 S. School Street Ukiah, CA 95482 462-4705	To represent and set policy for Chamber and area businesses.	Doble Riley - Alternate	Shannon Riley , Senior Mgmt Analyst; 467-5793 sriley@cityofukiah.com ; Kerry Randall , Facilities Admin; 463-6706 KRANDALL@cityofukiah.com
Homeless Shelter	2nd Thursday of month. 2:00 p.m.	260 Hospital Drive, 2nd Floor Conference Room	631 Tokay Avenue Ukiah, CA 95482 or MCAVHN at: P.O. Box 1350 Ukiah, CA 95482 Judy Popowski - 463-6655	HSAG (Homeless Services Action Group).	Scalmanini	Shannon Riley , Senior Mgmt Analyst; 467-5793 sriley@cityofukiah.com
Main Street Program Board of Directors ex officio	1st Thursday of month, 8:00 a.m.	200 S. School Street, Ukiah	200 S. School St. Ukiah, CA 95482 463-6729	Develops activities for downtown economic development program	Mulheren Riley - Alternate	Shannon Riley , Sr. Mgmt. Analyst; 467-5793 Kerry Randall , Facilities Admin; 463-6706 KRANDALL@cityofukiah.com

2017 COUNCIL ASSIGNMENTS

Sun House Guild ex officio	2nd Tuesday of month, 4:30 - 6:30 p.m.	Sun House, 431 S. Main St. Ukiah	431 S. Main Street Ukiah, CA 95482 467-2836	Support and expand Grace Hudson Museum	Scalmanini Sangiacomo - Alternate	Tami Bartolomei, Community Services Administrator; 467-5765 tbartolomei@cityofukiah.com Sherrie Smith-Ferri, Museum Director/Cultural Arts; 467-2836 sherrie@gracehudsonmuseum.org
Mendocino Youth Project JPA Board of Directors	3rd Wednesday of the month, 7:45 a.m.	776 S. State Street Conference Room	Mendocino Co. Youth Project 776 S. State Street, Ste. 107 Ukiah, CA 95482 707-463-4915	targets all youth with a focus on drug and alcohol prevention, healthy alternatives and empowering youth to make healthy choices.	Brown Chief Dewey - Alternate	Chris Dewey, Police Chief; 463-6245 cdewey@cityofukiah.com
Northern California Power Agency (NCPA)	4th Thursday of month, 9:00 a.m. (See calendar from NCPA)	Roseville, CA and other locations	651 Commerce Drive Roseville, CA 95678 916-781-4202	Pool of public utilities for electric generation and dispatch	Crane Grandi - Alternate	Mel Grandi, Electric Utility Director; 463-6295 mgrandi@cityofukiah.com
LOCAL/COUNTY/REGIONAL/LIANSIONS OnGoing One or Two Council and/or Staff						
	MTG DATE/TIME	LOCATION	MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
League of California Cities Redwood Empire Legislative Committee	Prior to Division Meetings, meets 3x in person and then via conference call.	Various locations that are announced.	Redwood Empire League President; Public Affairs Program Mgr. (916) 658-8243	Elected city officials and professional city staff attend division meetings throughout the year to share what they are doing and advocate for their interests in Sacramento	Mulheren Doble - Alternate	Sage Sangiacomo, City Manager; 463-6221 ssangiacomo@cityofukiah.com
City Selection Committee	Called as required by the Clerk of the Board	BOS Conf. Room 501 Low Gap Rd. Rm. 1090, Ukiah	C/O: BOS 501 Low Gap, Rm 1090 Ukiah, CA 95482 463-4441	Makes appointments to LAFCO and Airport Land Use Commission	Mayor	Kristine Lawler, City Clerk; 463-6217 klawler@cityofukiah.com
Investment Oversight Committee	Varies	Civic Center 300 Seminary Ave. Ukiah, CA 95482	Civic Center Seminary Ave. 300 Ukiah, CA 95482	Reviews City investments, policies, and strategies	Crane Alan Carter, Treasurer	Dan Buffalo, Director of Finance; 463-6220 dbuffalo@cityofukiah.com
Library Advisory Board	3rd Thursday of month, 1:00 p.m.	Various Mendo County Libraries	Ukiah County Library 463-4491	Review library policy and activities	Mulheren	Kristine Lawler, City Clerk; 463-6217; klawler@cityofukiah.com
Ukiah Players Theater Board of Directors	3rd Tuesday of month, 6:00 p.m.	1041 Low Gap Rd Ukiah, CA 95482 462-1210	1041 Low Gap Rd Ukiah, CA 95482 462-1210	To oversee the activities, organization and purpose of the Ukiah Players Theater.	Sangiacomo Greg Owen, Airport Mgr.	Kristine Lawler, City Clerk; 463-6217 klawler@cityofukiah.com
Ukiah Unified School District (UUSD) Committee	Quarterly	511 S. Orchard, Ste. D Ukiah, CA 95482	511 S. Orchard Ukiah, CA 95482	Information exchange with UUSD Board Chair, Mayor, Superintendent and City Manager	Mayor	Sage Sangiacomo, City Manager; 463-6221 ssangiacomo@cityofukiah.com
Russian River Flood Control District (RRFCD)	2nd Monday of the month, 5:00 p.m.	151 Laws Ave., Suite D	151 Laws Ave. Ukiah, CA 95482	Proactively manage the water resources of the upper Russian River for the benefit of the people and environment of Mendocino County.	Doble	Sean White, Water/Sewer Director; 463-5712 swhite@cityofukiah.com
Health & Human Services Liaisons	2nd Wednesday; 9:00 - 11:00 a.m.	Big Sur Room in Co. Dept. of Social Svcs.	Executive Director Jackie Williams - 462-1934 c/o Ford St. Project 139 Ford St., Ukiah CA 95482	Discussions and possible work on health and human service issues	Brown - Liaison	Sage Sangiacomo, City Manager; 463-6221; ssangiacomo@cityofukiah.com
Mendocino County Local Area Formation Commission (LAFCO)	1st Monday of month, 9:00 a.m.	Board of Supervisors Chambers	Executive Director 200 S. School Street, Ste. 2 Ukiah, CA 95482 463-4470	Required by legislation - planning spheres of influence, annexation, service areas, and special districts	Doble	Kevin Thompson, Interim Director of Planning; 463-6219 kthompson@cityofukiah.com
Mendocino County Airport Land Use Commission	As needed	BOS Conf. Room 501 Low Gap Rd. Rm. 1090, Ukiah	Mendocino County Executive Office 501 Low Gap Rd. Rm. 1010 Ukiah, CA 95482	To formulate a land use compatibility plan, provide for the orderly growth of the airport and the surrounding area, and safeguard the general welfare of the inhabitants within the vicinity.	None from Ukiah Council currently	Kristine Lawler, City Clerk; 463-6217 klawler@cityofukiah.com

2017 AD HOC COMMITTEES

COMMITTEE	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
Electric Grid Operational Improvements	Crane/Scalmanini	Mel Grandi , Electric Utility Director; 463-6295 mgrandi@cityofukiah.com
Rate Studies for Electric, Water, Sewer	Crane/Doble	Mel Grandi , Electric Utility Director; 463-6295 mgrandi@cityofukiah.com; Tim Eriksen , Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com; Sean White , Water/Sewer Director; 463-5712 swhite@cityofukiah.com; Dan Buffalo , Director of Finance 463-6220 dbuffalo@cityofukiah.com
Sales Tax Sharing	Crane/Doble	Sage Sangiacomo , City Manager; 463-6221 ssangiacomo@cityofukiah.com; Guy Mills , Project & Grant Admin; 467-5719 gmills@cityofukiah.com; David Rapport , City Attorney; 467-2800 drapport@cityofukiah.com Dan Buffalo , Finance Director; 463-6220 dbuffalo@cityofukiah.com
Ukiah Valley Sanitation District Mediation	Crane/Doble	Tim Eriksen , Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com Sean White , Water Resources Director; 467-5712 swhite@cityofukiah.com
Fire District Merger Discussion	Doble/Brown	Kirk Thomsen , Interim Fire Chief; 462-7921 x400 kthomsen@cityofukiah.com; Sage Sangiacomo , City Manager; 463-6221 ssangiacomo@cityofukiah.com
Groundwater Sustainability	Crane/Doble	Sean White , Water/Sewer Director; 463-5712 swhite@cityofukiah.com
Marijuana Legislation and Policy	Mulheren/Brown	Chris Dewey , Police Chief; 463-6245 cdewey@cityofukiah.com Craig Schlatter , Community Dev. & Planning Director; 463-6219 cschlatter@cityofukiah.com
Strategic Planning	Crane/Doble	Sage Sangiacomo , City Manager; 463-6221 ssangiacomo@cityofukiah.com
Landfill Closure	Crane/Scalmanini	Tim Eriksen , Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com
City Water Rights	Doble/Crane	Sean White , Water/Sewer Director; 463-5712 swhite@cityofukiah.com
Downtown Parking Management	Mulheren/Brown	Shannon Riley , Senior Management Analyst; 467-5793 sriley@cityofukiah.com
Budget Development Best Practices and Financial Policy	Crane/Doble	Dan Buffalo , Finance Director; 463-6220 dbuffalo@cityofukiah.com; Sheri Mannion , Human Resource Director/Risk Manager, 463-6272, smannion@cityofukiah.com
Public Works Project Specification Development	Crane/Doble	Tim Eriksen , Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com
Sanctuary City	Brown/Scalmanini	Shannon Riley , Senior Management Analyst; 467-5793 sriley@cityofukiah.com
Uniform Cost Accounting	Crane/Mulheren	Tim Eriksen , Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com
Cost Allocation Plan	Crane/Doble	Dan Buffalo , Finance Director; 463-6220 dbuffalo@cityofukiah.com

RESOLUTION NO. 2017-**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF UKIAH ESTABLISHING THE FIRE EXECUTIVE COMMITTEE**

WHEREAS, the City of Ukiah and the Ukiah Valley Fire District signed an agreement (*Exhibit A - COU No. 1718-098*), for shared management of fire departments on August 24, 2017; and

WHEREAS, said agreement calls for the establishment of an administrative entity to be known as the "Fire Executive Committee."

NOW, THEREFORE, BE IT RESOLVED, by the Ukiah City Council that the Fire Executive Committee is hereby established as follows:

Fire Executive Committee

- A. Membership shall consist of two appointees from each Party's legislative bodies.
- B. Meeting of the Fire Executive Committee
 - 1. Regular Meetings of the Fire Executive Committee.
The Fire Executive Committee shall provide for its regular meetings; however, it shall hold at least one regular meeting each quarter. The Fire Executive Committee may call special meetings, as may be needed from time to time.
 - 2. The entire Fire Executive Committee shall constitute a quorum for the transaction of business. A majority vote of the members of the Fire Executive Committee is required to take action, although a lesser number of the Fire Executive Committee may adjourn for lack of a quorum.
 - 3. The Fire Executive Committee shall comply with the Brown Act.
 - 4. For those duties of Fire Executive Committee requiring collaboration, the term "collaboration", "collaborate," or "collaborative" shall mean the meaningful and timely process of the members each seeking, discussing, and considering carefully the information and views of each Party in a manner that is cognizant of all Parties' values, reasonably attempting to reach agreement through cooperative efforts for the mutual benefit of the Parties. Collaboration among the members shall be conducted in a way that is mutually respectful of each Party's discretionary authority. If agreement cannot reasonably be reached among the members with respect to any particular, necessary action concerning matters within the discretionary authority of a particular Party to Exhibit A, then the Party with discretionary authority shall take the action it determines appropriate in the exercise of its discretion.

Section 5. Powers and Duties of the Fire Executive Committee

- A. Common Powers
The Parties shall retain the legislative authority to exercise their common powers for the purposes of the Agreement. The Parties do not intend the Fire Executive Committee to be a legal entity, separate and apart from the Parties. The Fire Executive Committee is not a joint powers agency or authority, partnership, joint venture, or joint enterprise of any kind.

B. Duties

The Fire Executive Committee shall take any and all actions within its authority as specified in Exhibit A necessary and appropriate to implement the purposes of the Agreement, including, but not limited to, any or all of the following:

1. Jointly develop and recommend to their respective legislative bodies an annual budget and cost apportionment plan for each of the Parties to participate in the cooperative efforts contemplated by the Agreement; and
2. Collaborate to ensure the cost for services are equitably shared among those receiving and/or benefiting from the services provided for under the Agreement; and
3. Collaborate with the employing Party regarding the appointment of the Fire Chief, who shall be responsible for coordinating and overseeing the cooperative efforts of the Parties in providing fire, medical and other emergency services in each jurisdiction, in a manner consistent with the Agreement; and
4. Collaborate to determine recommended service levels, facilities, apparatus, equipment and personnel in furtherance of each Party's participation in the cooperative efforts contemplated by the Agreement; and
5. Collaborate to identify and recommend comprehensive approaches for shared fire, medical, and other emergency services between the Parties including, but not limited to governance, personnel, apparatus, equipment and facilities; and
6. Collaborate to identify and recommend fire and emergency medical service policies, ordinances, and fees consistent with the cooperative efforts contemplated by the Agreement.

PASSED AND ADOPTED this 6th day of September, 2017, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Jim O. Brown, Mayor

ATTEST:

Kristine Lawler, City Clerk

AGREEMENT FOR SHARED MANAGEMENT OF FIRE DEPARTMENTS

THIS AGREEMENT becomes effective on July 1, 2017 ("Effective Date") in Ukiah, California, between the City of Ukiah, a general law municipal corporation ("City") and the Ukiah Valley Fire Protection District, a California fire protection district formed pursuant to Health and Safety Code Sections 13800 et seq. ("District"), (collectively the "Parties" and individually "Party"), all of which are organized and existing under and by virtue of the Constitution and the laws of the State of California.

WITNESSETH:

WHEREAS, the Parties are each empowered by law to acquire sites, construct, equip, staff, maintain, operate and lease public buildings and related facilities to provide fire, medical, and other emergency services; and

WHEREAS, the Parties desire to maximize use of the existing resources, create cost containment opportunities, reduce duplication, maintain local control and continue to deliver fire, medical, and other emergency services at a high level of service; and

WHEREAS, the Parties desire to accomplish the aforesaid purpose by jointly exercising their common powers in the manner set forth in this Agreement; and

WHEREAS, the Parties are authorized to jointly exercise their powers pursuant to the provisions of Article 1, Chapter 5, Division 7, Title 1, Sections 6500 through 6530, of the Government Code of the State of California.

NOW, THEREFORE, the Parties, for and in consideration of the mutual benefits, promises, and agreements set forth herein, AGREE as Follows:

Section 1. Purpose

This Agreement is made pursuant to California Government Code Section 6500, et seq., hereinafter referred to as the "Act," to permit the joint exercise of certain powers common to the Parties. The purpose of this Agreement is to exercise these powers jointly by managing, equipping, maintaining, and operating fire, medical, and other emergency services to said Parties. Such purpose will be accomplished and common powers exercised in the manner set forth in this Agreement. The Parties may use the designation "Ukiah Valley Fire Authority" to identify the provision of the services provided under this Agreement, including on equipment, uniforms, buildings, letterhead, phone and other directories; provided, however, that the use of such designation shall not be deemed to create a separate legal entity or to change the liability of the Parties or change the contractual obligations of the Parties under this or any other agreements. All pre-existing obligations, rights, and privileges of the Parties shall continue hereunder, subject to the terms and conditions of this Agreement.

The legislative bodies of the Parties shall jointly meet a minimum of twice a year to review the activities and operation of this Agreement including a joint review of the annual budget development and a mid-fiscal year review. The Parties may call for additional joint meetings, as may be needed from time to time.

Section 2. Service Level

The Parties shall jointly coordinate an emergency response system inclusive of emergency medical response (EMS), structural firefighting, wildland firefighting, public education, hazardous material response, disaster response, rescue, fire prevention inspections, fire investigations and related public safety, managerial and administrative services, to the extent and in the manner consistent with this Agreement and approved annual budgets.

Section 3. Term

This Agreement shall become effective as of July 1, 2017 and shall be binding upon all parties hereto, and shall

9

thereafter continue in full force and effect until such time as the Parties agree to terminate the Agreement, in the manner set forth in Section 9 or 10.

Section 4. Fire Executive Committee

- A. The Parties hereby agree that the duties set forth in Section 5 of this Agreement shall be conducted by an administrative entity to be known as the "Fire Executive Committee" whose membership shall consist of two appointees from each Party's legislative bodies.
- B. Meeting of the Fire Executive Committee
 - 1. Regular Meetings of the Fire Executive Committee.

The Fire Executive Committee shall provide for its regular meetings; however, it shall hold at least one regular meeting each quarter. The Fire Executive Committee may call special meetings, as may be needed from time to time.
 - 2. The entire Fire Executive Committee shall constitute a quorum for the transaction of business. A majority vote of the members of the Fire Executive Committee is required to take action, although a lesser number of the Fire Executive Committee may adjourn for lack of a quorum.
 - 3. The Fire Executive Committee shall comply with the Brown Act.
 - 4. For those duties of Fire Executive Committee requiring collaboration, the term "collaboration", "collaborate," or "collaborative" shall mean the meaningful and timely process of the members each seeking, discussing, and considering carefully the information and views of each Party in a manner that is cognizant of all Parties' values, reasonably attempting to reach agreement through cooperative efforts for the mutual benefit of the Parties. Collaboration among the members shall be conducted in a way that is mutually respectful of each Party's discretionary authority. If agreement cannot reasonably be reached among the members with respect to any particular, necessary action concerning matters within the discretionary authority of a particular Party to this Agreement, then the Party with discretionary authority shall take the action it determines appropriate in the exercise of its discretion.

Section 5. Powers and Duties of the Fire Executive Committee

- A. Common Powers

The Parties shall retain the legislative authority to exercise their common powers for the purposes of this Agreement. The Parties do not intend the Fire Executive Committee to be a legal entity, separate and apart from the Parties. The Fire Executive Committee is not a joint powers agency or authority, partnership, joint venture, or joint enterprise of any kind.
- B. Duties

The Fire Executive Committee shall take any and all actions within its authority as specified in this Agreement necessary and appropriate to implement the purposes of this Agreement, including, but not limited to, any or all of the following:

 - 1. Jointly develop and recommend to their respective legislative bodies an annual budget and cost apportionment plan for each of the Parties to participate in the cooperative efforts contemplated by this Agreement; and
 - 2. Collaborate to ensure the cost for services are equitably shared among those receiving and/or benefiting from the services provided for under this Agreement; and
 - 3. Collaborate with the employing Party regarding the appointment of the Fire Chief, who shall be responsible for coordinating and overseeing the cooperative efforts of the Parties in providing fire, medical and other emergency services in each jurisdiction, in a manner consistent with this Agreement; and
 - 4. Collaborate to determine recommended service levels, facilities, apparatus, equipment and personnel in furtherance of each Party's participation in the cooperative efforts contemplated by this Agreement; and
 - 5. Collaborate to identify and recommend comprehensive approaches for shared fire, medical, and other emergency services between the Parties including, but not limited to governance, personnel, apparatus, equipment and facilities; and
 - 6. Collaborate to identify and recommend fire and emergency medical service policies, ordinances, and fees consistent with the cooperative efforts contemplated by this Agreement.

Section 6. Key Management Services

The services identified below (“Key Management Personnel/Services”) shall be subject to this Agreement:

A. Fire Chief

1. The Fire Chief shall provide general administration and oversight of the City and District Fire Departments, all in accordance with the requirements and expectations of this Agreement, statutory law, local ordinances, applicable City and District rules and regulations and the customary duties of a Fire Chief.
2. The Fire Executive Committee identified in Section 4 of this agreement shall provide advisory support to the Fire Chief. The Fire Chief shall coordinate and cooperate with each Party regarding the performance of services within their respective jurisdiction. Each Party shall provide direction to the Fire Chief regarding services or any desired special projects to be performed for each Party. The Fire Executive Committee shall collaborate regarding directions from their respective Parties, for the purpose of avoiding conflicting guidance or creating conflicts relating to priority of services.

B. Financial and General Services

1. The City agrees to provide financial and general services to the District for the term of the Agreement, including accounts payable, procurement, billing and accounts receivable, general accounting and reporting, budget development and monitoring, and other general services such as human resources and city clerk services as may be deemed necessary by the District.
2. The City will perform these services pursuant to any applicable state and federal law and pursuant to City policies and regulations, unless otherwise directed by the District in writing. The District shall be responsible for and for understanding the financial and other activities and information performed or related to the services provided by the City to the District under this Agreement. The City is not performing these services as the District's agent but as a service provider and the parties agree that the City does not assume a fiduciary duty to the District in the performance of these financial and general services.
3. The District shall compensate the City for Financial and General Services as approved in the annual Cost Apportionment Plan.

Section 7. Budget and Cost Apportionment Plan

- A. The Parties, in adopting their annual budgets, will determine the specific expenditures and costs to be shared among the Parties (the “Cost Apportionment Plan”). The Cost Apportionment Plan shall be developed by the Fire Executive Committee and recommended for approval by the Parties. Payment and credits under the Cost Apportionment Plan shall be based on actual expenditures.
- B. The Fire Executive Committee has the authority to fully implement the approved Budget and Cost Apportionment Plan. The Fire Chief, with the approval of Fire Executive Committee, may recommend expenditures and transfers or adjustments of amounts authorized by the Cost Apportionment Plan. However, neither the Fire Chief nor Fire Executive Committee may exceed the personnel staffing authorized except for temporary, strike team or emergency positions, either in number, position classification, or salary. In addition, neither the Fire Chief nor Fire Executive Committee may increase the total amount of the approved expenditure budget without the approval of the legislative body of each Party.

Section 8. Services to Other Agencies

The Fire Executive Committee, through this Agreement may recommend that the Parties provide fire, medical, and/or other emergency services to other agencies that are not already a party to this Agreement. Such services may be provided with the concurrence of all Parties and upon execution of an amendment to this Agreement by all Parties. The charges for such services shall be determined in accordance with the authority of the Parties under the provisions of Government Code section 55631, et seq.

Section 9. Withdrawal; Termination

A Party may withdraw as a party to this Agreement without penalty upon a minimum of 18 months notice with a

July 1st effective date unless otherwise agreed to by both Parties. Such withdrawing Party shall perform all obligations under this Agreement until the noticed July 1 date of withdrawal. A withdrawing Party shall remain obligated to perform obligations, including financial obligations arising prior to the July 1 withdrawal date,

Section 10. Dissolution

The Agreement shall terminate if the number of parties to this Agreement becomes less than two, or if the parties unanimously agree to terminate the Agreement. If the Parties have accumulated any assets relating to the shared management of fire, medical, and other emergency services prior to termination, such assets shall be distributed among the Parties per their respective contributions, unless the Parties may otherwise agree.

Section 11. Amendment to Agreement

The Fire Executive Committee may recommend an amendment to this Agreement. This Agreement may only be amended by approval of all the Parties to this Agreement. The Fire Executive Committee shall forward the proposed amendment with its recommendation to the legislative body of each party to the Agreement. The proposal shall be accompanied by a copy of the proposed amendment to the Agreement, which shall be adopted, properly executed, and returned to Fire Executive Committee if the party concurs with the amendment. This Section 11 shall not prevent the Parties from adopting an amendment to this agreement that is not recommended by the Fire Executive Committee.

Section 12. Additional Parties to the Agreement

Agencies, as defined in the Act, which are not parties hereto, may become Parties hereto only by amendment to this Agreement and upon approval of all the Parties to this Agreement.

Section 13. Notices

Whenever notice or other communication is permitted or required by this agreement, it shall be deemed given when personally delivered or when received, if delivered by overnight courier or email, if receipt is acknowledged in writing, or 48 hours after it is deposited in the United States mail with proper first class postage affixed thereto and addressed as follows:

To City: City of Ukiah
 300 Seminary Ave.
 Ukiah, CA 95482
 Email:
 Attention: Mayor and City Manager

To District: Ukiah Valley Fire District
 1500 South State Street
 Ukiah, CA 95482
 Email:
 Attention: Board Chair

A Party may change the address and email address to which notices shall be sent by giving notice of the change as provided herein.

Section 14. Severability

Should any part, term, portion, or provision of this Agreement or the application thereof of any person or circumstances, be in conflict with any State or Federal law, or otherwise be rendered unenforceable or ineffectual, the validity of the remaining parts, terms, portions or provisions, or the application thereof to other persons or circumstances, shall be deemed severable and shall not be affected thereby, provided such remaining portions or provisions can be construed in substance to continue to constitute the Agreement that the parties intended to enter into in the first instance.

Section 15. Hold Harmless and Indemnity

Each party agrees to defend, indemnify, and save all other parties harmless from any and all claims arising out of said party's employees' negligent acts, errors, omissions or willful misconduct while performing pursuant to this Agreement, but only in proportion to and to the extent such liability, loss, expense, attorneys' fees, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of said party, its officers, employees, or

agents.

Each party hereby agrees to defend itself from any claim, action or proceeding by third parties arising out of the concurrent acts or omissions of their employees. In such cases, each party agrees to retain their own legal counsel, bear their own defense costs, and waive their right to seek reimbursement of such costs.

Notwithstanding the above, where a trial verdict or arbitration award allocates or determines the comparative fault of the members, the members may seek reimbursement and/or reallocation of defense costs, settlement payments, judgments and awards, consistent with said comparative fault.

As required by Section 17 herein, the Parties are responsible to provide workers compensation insurance for injuries sustained in the normal course and scope of their respective employees' performance of services. The Parties waive any right of subrogation against each other for any and all losses sustained by the Parties, subject to such workers compensation coverage. The Parties further acknowledge that the so-called "firefighter's rule" regarding primary assumption of risk generally prevents public safety officers employed by one agency, or their agency itself, from being exposed to liability for injuries suffered by public safety officers employed by another agency in the line of duty. To the extent any such claims of liability or actions are brought by any employee(s) of one Party against another Party to this Agreement, or such other Party sustains any losses thereby, the Party employing such claimant(s) shall indemnify the other Party for any such claims, actions, or losses.

For purposes of this section, the terms "employee" or "employees" shall refer to and include employees, officers, agents, representatives, subcontractors or volunteers.

Notwithstanding the foregoing, no employee, officer, agent, representative, subcontractor or volunteer of any party to this Agreement shall be considered an "employee" of any other party to this Agreement for purposes of indemnification.

Section 16. Legal Representation and Advice

In the course of providing fire and emergency services in accordance with this Agreement, each Party shall seek legal counsel regarding legal matters or issues from their respective counsel. In the event that a legal matter or issue relates to two or more Parties where the Parties involved will benefit from joint representation, the Parties may choose to be represented by the same legal counsel so long as no conflict of interest arises by such representation, and the Parties may agree on an apportionment of costs, if applicable, as allowed by law. Under any circumstances when two or more Parties are represented by the same legal counsel, no Party may bind the others to a settlement agreement without the written consent of the other Parties.

Section 17. Insurance

Each Party shall be responsible for maintaining a program of insurance that shall cover each Party's indemnification obligations. Without in any way affecting the indemnity herein provided and in addition thereto, each Party shall secure and maintain throughout the Agreement the following types of insurance, including coverage through a pooled risk joint powers agency such as the Redwood Empire Municipal Insurance Fund with limits as shown.

A. Workers' Compensation:

A program of Workers' Compensation Insurance or a state-approved self-insurance program in an amount and form to meet all applicable requirements of the Labor Code of the State of California, including Employer's Liability with \$250,000 limits covering all persons providing services on behalf of each Party and all risks to such persons under this Agreement.

B. Comprehensive General and Automobile Liability Insurance:

This coverage is to include contractual coverage and automobile liability coverage for owned, hired, and non-owned vehicles. The policy or self-insurance shall have combined single limits for bodily injury and property damage of not less than two million dollars (\$2,000,000.00).

Additional Named Insured:

All policies, and/or memoranda of coverage, except Workers' Compensation, shall contain additional endorsements naming each Party and its officers, employees, agents and volunteers as additional named insured with respect to liabilities arising out of each Party's performance hereunder.

C. **Policies Primary and non-Contributory:**

All policies required above are to be the primary and non-contributory with any insurance or self-insurance carried or administered by each Party.

Section 18. Mediation

Should any dispute arise out of this Agreement, any Party may request that it be submitted to mediation. The Parties shall meet in mediation within 30 days of a request. The mediator shall be agreed to by the Parties; in the absence of an agreement, the parties shall each submit one name from mediators listed by an agreed-upon service or parties themselves. The mediator shall be selected by a "blindfolded" process. The cost of mediation shall be borne equally by the Parties. No Party shall be deemed the prevailing party. No Party shall be permitted to file a legal action without first meeting in mediation in making a good-faith attempt to reach a mediated settlement. The mediation process, once commenced by a meeting with the mediator, shall not last more than 60 days, unless the 60 day period is extended in writing by the Parties.

Section 19. Additional Documents and Agreements

The parties agree to cooperate in the execution of any additional documents or agreements that may be required to carry out the terms of this Agreement.

Section 20. Successors

This Agreement shall bind and inure to the benefit of all successors and assigns of the parties and any associates in interest, and their respective directors, officers, agents, servants, and employees, and the successors and assigns of each of them, separately and collectively.

Section 21. Warranty of Legal Authority

Each party warrants and covenants that it has the present legal authority to enter into this Agreement and to perform the acts required of it hereunder. If any party is found to lack the authority to perform the acts required of it hereunder or is prevented from performing the acts by a court of competent jurisdiction, this Agreement shall be void.

Section 22. Assignment/Delegation

Neither party hereto shall assign, sublet, or transfer any interest in this Agreement or any duty hereunder without written consent of the other, and no assignment shall be of any force or effect whatsoever unless and until the other party shall have so consented.

Section 23. No Third-Party Beneficiary

This Agreement is only for the benefit of the Parties as municipal or corporate entities and shall not be construed as or deemed to operate as an agreement for the benefit of any third party or parties, and no third party or party shall have any right of action or obtain any right to benefits or position of any kind for any reason whatsoever.

Section 24. Governing Law

This Agreement shall be governed by and construed in accordance with the laws of the State of California.

Section 25. Agreement Controlling

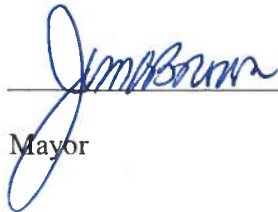
In the event of a conflict between the provisions of the text of this Agreement, the provisions of the text shall prevail.

Section 26. Entire Agreement

This document is intended both as the final expression of the Agreement between the parties hereto with respect to the included terms and as a complete and exclusive statement of the terms of the Agreement. This Agreement may be executed in counterparts, each of which shall constitute an original.

IN WITNESS THEREOF, the parties hereto have caused this Agreement to be executed and attested by their proper officers thereunto duly authorized, and their official seals to be hereto affixed as of the day and year first above written.

CITY OF UKIAH

By: 

Its: Mayor

Approved to Form:


City Attorney

Attest:

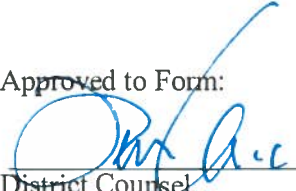

City Clerk

UKIAH VALLEY FIRE DISTRICT

By: 

Its: Board President

Approved to Form:


District Counsel

Attest:


District Secretary



CITY OF UKIAH *MEMORANDUM*

Date: September 6, 2017
To: City Council
From: City Clerk, Kristine Lawler
Subject: Agenda Item 13c – Proposed New Committee

Staff is recommending the addition of the following committee to the 2017 Special Council Assignment List:

Title: County 2nd District Liaison

Function: To coordinate activities and policy development with the City's 2nd District Supervisor.

Time: To meet once a month

Place: To be determined

Staff Contacts: Sage Sangiacomo, City Manager and Shannon Riley, Deputy City Manager

Recommended Action: Staff recommends adding this committee and appointing a primary and alternative representative to serve on the committee.