

**CITY OF UKIAH
CITY COUNCIL AGENDA
Regular Meeting
CIVIC CENTER COUNCIL CHAMBERS
300 Seminary Avenue
Ukiah, CA 95482
January 6, 2016
6:00 p.m.**

5:30 – 5:55 p.m. Council Photo Session in Civic Center Lobby

- 1. ROLL CALL**
- 2. PLEDGE OF ALLEGIANCE**
- 3. PROCLAMATIONS/INTRODUCTIONS/PRESENTATIONS**
- 4. PETITIONS AND COMMUNICATIONS**
- 5. APPROVAL OF MINUTES**

a. Minutes of December 16, 2015, a Regular Meeting.

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.

- a. Adoption of Resolution Approving the City of Ukiah's Qualified Contractors List for 2016.
- b. Report to Council on the Renewal of the Technical Service Support Agreement with Physio-Control and Authorize Corresponding Budget Amendment.
- c. Report of Acquisition of Professional Services from Alpha Analytical Laboratories, Inc. for Quarterly Water Sampling and Completion of Chemical Examination Reports for the Ukiah Landfill.
- d. Adoption of Resolution Removing 105 Lineal Feet of On-Street Parking at the Intersection of West Gobbi Street and Court Street.

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

- a. Continued Discussion of Facility Security and Access (Cardlock) Control System Capital Project and Authorization to Purchase System and Installation from Gaynor Telesystems, Inc. in the Amount of \$33,453, and Approve Corresponding Budget Amendment of \$18,453 from Building Reserves.

13. NEW BUSINESS

- a. Approve Purchase of Video Storage Hardware for Local Police Archival Video in the Amount of \$89,352 and Cloud Storage which will be Billed Per Month at a Capacity Utilization Rate; Approve Purchase of Additional Storage for Facility Surveillance System in the Amount of \$33,273 and Corresponding Budget Amendments.
- b. Adoption of Resolution Establishing a Special Revenue Fund to Commit Future Transfer Station Rents; Create Mechanics for Adjustment of Transfer Station Gate Fee Surcharge; and Use Local Government Assurance Option for the Corrective Action Plan (Cap Reserve) of the Ukiah Landfill.

14. CLOSED SESSION – Closed Session may be held at any time during the meeting.

a. Conference with Legal Counsel – Anticipated Litigation

Significant exposure to litigation pursuant to Gov't Code 54956.9 (1 case)

b. 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

c. Conference with Legal Counsel – Existing Litigation

(Government Code Section 54956.9(d)(1))

Name of case: *Ukiah Valley Sanitation District v. City of Ukiah*, Mendocino County Superior Court, Case No. SCUK-CVC-13-63024

d. Conference with Legal Counsel – Existing Litigation

(Cal. Gov't Code Section 54956.9(d)(1))

Name of case: *County of Mendocino v. Solid Waste System, Inc. et al.*, Mendocino County Superior Court, Case No. SCUK-CVG-11-59459

e. **Conference with Labor Negotiator**

(Government Code Section 54957.6)

Agency Representative: Sage Sangiacomo, City Manager

Employee Organizations: All Bargaining Units

15. ADJOURNMENT

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.

Dated this 29th day of December, 2015.

Kristine Lawler, City Clerk

CITY OF UKIAH
CITY COUNCIL MINUTES
Regular Meeting
CIVIC CENTER COUNCIL CHAMBERS
300 Seminary Avenue
Ukiah, CA 95482
December 16, 2015
6:00 p.m.

A reception was held to honor the outgoing Mayor Douglas F. Crane between 5:30 and 6:00 p.m., at which the incoming Mayor Scalmanini presented an Honorary Plaque.

1. **ROLL CALL**

Ukiah City Council met at a Regular Meeting on December 16, 2015, having been legally noticed on December 11, 2015. Mayor Crane called the meeting to order at 6:02 p.m. Roll was taken with the following **Councilmembers Present:** Maureen Mulheren, Kevin Doble, Jim O. Brown, Stephen G. Scalmanini and Douglas F. Crane. **Staff Present:** Sage Sangiacomo, City Manager; David Rapport, City Attorney; Kristine Lawler, City Clerk; and Ashley Cocco, Deputy City Clerk.

MAYOR CRANE PRESIDING.

2. **PLEDGE OF ALLEGIANCE**

3. **PROCLAMATIONS/INTRODUCTIONS/PRESENTATIONS**

a. **Outgoing Mayor Presentation and Dais Seating Changes.**

Presenter: Kristine Lawler, City Clerk.

COUNCILMEMBERS MOVED TO THEIR NEW SEATING ARRANGEMENTS. OUTGOING MAYOR CRANE PASSED THE GAVEL TO INCOMING MAYOR SCALMANINI.

MAYOR SCALMANINI PRESIDING.

Mayor Scalmanini led a moment of silence in remembrance of Rick Kennedy, former City Public Works Director/City Engineer, followed by Tim Eriksen, Public Works Director/City Engineer, who paid tribute to his memory and years of service.

4. **PETITIONS AND COMMUNICATIONS**

5. **APPROVAL OF MINUTES**

a. Minutes of December 2, 2015, a Regular Meeting.

Motion/Second: Brown/Mulheren to approve the minutes of December 2, 2015, a Regular Meeting as submitted. Motion **carried** by the following roll call votes: AYES: Crane, Mulheren, Doble, Brown, and Scalmanini. NOES: None. ABSENT: None. ABSTAIN: None.

6. **RIGHT TO APPEAL DECISION**

7. **CONSENT CALENDAR**

a. Report of Disbursements for the Month of November 2015 – *Finance*.

b. Proposed Increase in Hourly Rates for Boutin Jones, Inc. (COU No. 1314-166-A1), Special Counsel to the City in UVSD v. Ukiah – *Administration*.

- c. Adoption of Resolution (2015-49) Authorizing Contract for Bond and Disclosure Counsel Services and Underwriter Services for the Upcoming Refunding of 2005 Water Bonds – *Finance*.
- d. ~~Authorization to Contract for an Administrative Hearing Officer as Defined in Section 3451 and 3456A of the Ukiah City Code for Appeals of Abatement of Public Nuisances – Police – Pulled by Mayor Scalmanini and moved to Agenda Item 13f.~~
- e. ~~Notification of Acquisition of Professional Services from Emmett Jones in the Amount Not to Exceed \$19,500 for Management Advisory Services Related to the 2017 Solid Waste Rate Setting – Public Works – Pulled by Councilmember Doble and moved to Agenda Item 13g.~~
- f. Award of a Two-Year Contract (COU No. 1516-143) to Ukiah Waste Solutions, Inc. for Biosolids Removal from the Waste Water Treatment Plant – *Public Works*.

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

8. **AUDIENCE COMMENTS ON NON-AGENDA ITEMS**

9. **COUNCIL REPORTS**

Presenters: Vice Mayor Brown, Councilmembers Crane and Doble, and Mayor Scalmanini.

10. **CITY MANAGER/CITY CLERK REPORTS**

Presenters: Sage Sangiacomo, City Manager; Sean White, Water and Sewer Director; and Mel Grandi, Electric Utilities Director.

11. **PUBLIC HEARINGS – 6:15 P.M.**

12. **UNFINISHED BUSINESS**

a. Receive Status Report, Consider Alternatives and Provide Direction Regarding the Sphere of Influence Update Project – *Public Works*.

Presenter: Charley Stump, Director of Planning and Community Development.

Motion/Second: Mulheren/Doble to direct staff to withdraw the current SOI application on file with LAFCo, and focus efforts on reviewing and updating the General Plan. Motion **carried** by the following roll call votes: AYES: Crane, Mulheren, Doble, Brown, and Scalmanini. NOES: None. ABSENT: None. ABSTAIN: None.

b. Approve the City Council's Strategic Plan and Schedule Workshops Related to Public Infrastructure – *Administration*.

Presenter: Sage Sangiacomo, City Manager.

Motion/Second: Crane/Mulheren to approve the City Council's Strategic Plan as presented and schedule three workshops related to public infrastructure. Motion **carried** by the following roll call votes: AYES: Crane, Mulheren, Doble, Brown, and Scalmanini. NOES: None. ABSENT: None. ABSTAIN: None.

- c. Authorize the Director of Public Works/City Engineer to Execute the Settlement Agreement and Stipulation for Entry of Administrative Civil Liability Complaint for the North Coast Regional Water Quality Control Board for Fines Levied at the Waste Water Treatment Plant – Public Works.**

Presenter: Tim Eriksen, Public Works Director/City Engineer.

Motion/Second: Crane/Doble to authorize the Director of Public Works/City Engineer to execute the settlement agreement (*COU No. 1516-144 - North Coast Regional Water Quality Control Board*) for the Administrative Civil Liability Complaint for fines levied at the Waste Water Treatment Plant. Motion **carried** by the following roll call votes: AYES: Crane, Mulheren, Doble, Brown, and Scalmanini. NOES: None. ABSENT: None. ABSTAIN: None.

- d. Reject Bids Received for the Installation of Replacement Well 4 and New Water Well 9, Specification No. 14-05 – Public Works.**

Presenter: Tim Eriksen, Public Works Director/City Engineer and Sean White, Water and Sewer Director.

Staff Comment: Mary Horger, Purchasing Supervisor.

Motion/Second: Crane/Doble to reject bids received for Spec No. 14-05 Installation of Replacement Well 4 and New Well 9 and authorize staff to rebid. Motion **carried** by the following roll call votes: AYES: Crane, Mulheren, Doble, Brown, and Scalmanini. NOES: None. ABSENT: None. ABSTAIN: None.

13. NEW BUSINESS

- a. Appointments and Discussion Regarding 2016 Council Assignments; and Consideration of Disbandments and Modifications to City Council Committees and Ad Hocs – Administration.**

Presenter: Mayor Scalmanini.

Council Consensus to make the following changes to the Council Special Assignment List:

- Authorize the disbandment of the *Courthouse Public Advisory Committee*, the *Exploration with City Hauler of Solid Waste Disposal Alternatives Ad Hoc*, the *Capital Budget 2015/16 Ad Hoc*; and the *Development Impact Fee Deferral Program Ad Hoc*;
- Create a *Depot infrastructure Development Committee*, with Councilmember Doble as the representative;
- Rename the *Mendocino County Health & Human Advisory Board* to *Health & Human Services Liaisons*;
- Replace Sage Sangiacomo, City Manager, with Shannon Riley, Senior Management Analyst, as the staff assignment for the *Greater Ukiah Chamber of Commerce Liaison* and the *Main Street Program Board of Directors*;
- Add Alan Carter, Treasurer, to the *Investment Oversight Committee*; and
- Add Greg Owen, Airport Manager, to the *Ukiah Players Theater Board of Directors*.

Motion/Second: Brown/Crane to approve the 2016 Council Special Assignments List as discussed (*Final 2016 list is attached*); Motion **carried** by the following roll call votes: AYES: Crane, Mulheren, Doble, Brown, and Scalmanini. NOES: None. ABSENT: None. ABSTAIN: None.

- b. Facility Security and Access (Cardlock) Control System Phase I Capital Project Authorization to Purchase System and Installation from Gaynor Telesystems, Inc. in the Amount of \$33,453 and Approve Corresponding Budget Amendment – Community Services.**

Presenters: Maya Simerson, Community Services Supervisor and Scott Shaver, IT Coordinator.

Council Consensus to continue this item.

- c. Consideration of Phase Two of Reorganization Plan for the City Manager Transition and Approval of the Corresponding Budget Adjustments to be Incorporated into the Fiscal Year 15/16 Budget at Mid-Year Along with Authorization to Recruit a Community Services Administrator – Administration.**

Presenters: Maya Simerson, Community Services Analyst and Sage Sangiacomo, City Manager.

Motion/Second: Brown/Mulheren to approve Phase II reorganization plan for the City Manager transition and approval of the corresponding budget adjustments to be incorporated into the Fiscal Year 15/16 Budget at midyear along with authorization to recruit a Community Services Administrator. Motion **carried** by the following roll call votes: AYES: Crane, Mulheren, Doble, Brown, and Scalmanini. NOES: None. ABSENT: None. ABSTAIN: None.

- d. Award Purchase of a New Vector Truck to Owen Equipment for the Water and Sewer Departments in the Total Amount of \$423,110.94 and Approve Corresponding Budget Amendment and Transfer – Public Works.**

Presenter: Tim Eriksen, Public Works Director/City Engineer and Dave Kirch, Senior Mechanic.

Motion/Second: Brown/Mulheren to award purchase (Purchase Order No. 44041) of one new Vector truck to Owen Equipment for the Water and Sewer Departments in the total amount of \$423,110.94 and approve corresponding budget amendment and transfer. Motion **carried** by the following roll call votes: AYES: Crane, Mulheren, Doble, Brown, and Scalmanini. NOES: None. ABSENT: None. ABSTAIN: None.

- e. Award of Bid for Renovation of the Oak Manor Park Picnic Area in the Amount of \$84,200 to Siri Grading & Paving, Inc. Funded by the Prop 1c Housing Related Parks Program Grant – Community Services.**

Presenter: Maya Simerson, Community Services Supervisor.

Motion/Second: Crane/Doble to award bid for Spec. No. 15-18 Oak Manor Park in the amount of \$84,200 to Siri Grading & Paving, Inc. (COU No. 1516-145), funded by the Prop 1C Housing Related Parks Project. Motion **carried** by the following roll call votes: AYES: Crane, Mulheren, Doble, Brown, and Scalmanini. NOES: None. ABSENT: None. ABSTAIN: None.

RECESS: 8:02 – 8:11 P.M.

- f. Authorization to Contract for an Administrative Hearing Officer as Defined in Section 3451 and 3456A of the Ukiah City Code for Appeals of Abatement of Public Nuisances – Police – From Consent Calendar Item 7d.**

Presenter: Chris Dewey, Police Chief.

Motion/Second: Crane/Brown to authorize the City Manager to execute a contractual agreement (COU No. 1516-146) with Matthew Finnegan for Administrative Hearing Officer Services. Motion **carried** by the following roll call votes: AYES: Crane, Mulheren, Doble, Brown, and Scalmanini. NOES: None. ABSENT: None. ABSTAIN: None.

- g. Notification of Acquisition of Professional Services (COU No. 1516-147) from Emmett Jones in the Amount Not to Exceed \$19,500 for Management Advisory Services Related to the 2017 Solid Waste Rate Setting – Public Works – From Consent Calendar Item 7e.**

Presenter: Tim Eriksen, Public Works Director/City Engineer.

Report was received.

The City Manager's office will provide Council with a draft schedule of the rate review process.

THE CITY COUNCIL ADJOURNED TO CLOSED SESSION AT 8:43 P.M.

14. CLOSED SESSION

a. Conference with Legal Counsel – Anticipated Litigation

Significant exposure to litigation pursuant to Gov't Code 54956.9 (1 case)

b. 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

c. Conference with Legal Counsel – Existing Litigation

(Government Code Section 54956.9(d)(1))

Name of case: *Ukiah Valley Sanitation District v. City of Ukiah*, Mendocino County Superior Court Case No. SCUK-CVC-13-63024

d. Conference with Labor Negotiator

(Government Code Section 54957.6)

Agency Representative: Sage Sangiacomo, City Manager

Employee Organizations: All Bargaining Units

No action was taken on Closed Session items.

15. ADJOURNMENT

There being no further business, the meeting adjourned at 9:45 p.m.

Kristine Lawler, City Clerk



ITEM NO.: 7a
MEETING DATE: January 6, 2016

AGENDA SUMMARY REPORT

SUBJECT: ADOPTION OF RESOLUTION APPROVING THE CITY OF UKIAH'S QUALIFIED CONTRACTORS LIST FOR 2016

Summary: Each year the City of Ukiah's Qualified Contractor's List is updated to reflect current applications of Contractor's with approved State Licenses for various categories from the California State Department of Consumer Affairs Contractors State License Board. Council will review the updated list and staff's recommendation to approve the list, which is used for sending out bid proposals for City projects throughout the year.

Background: As required by the Informal Bidding Procedure of the City of Ukiah, City Code §1541-1542 (*Attachment 3*) and Public Contracts Code §22036 (*Attachment 4 - partial*), the City Clerk's office prepared and mailed a written notice to construction trade organizations/journals (*Attachment 2*) inviting all licensed contractors to submit information regarding their firm to the City for inclusion on the City's list of qualified contractors for the 2016 calendar year. This notice and application were also posted on the City's web site. A contractor may be included throughout the year by either submitting a written notice to the City Clerk or by bidding on a City of Ukiah project. All contracting firms are verified through the California State Licensing Board for license validity.

To address the requirements of SB 854 (*Attachment 5*), additional fields of data were added to the 2016 list to include the Public Works Contractor Registration No. and the Expiration Date.

All contractors who submitted their company information and construction classification designation, received by the Clerk's office as of December 30, 2015, together with those who bid on projects in 2015, have been included on the current updated list. The list is attached to the resolution (*Attachment 1*) as "Exhibit A". The resolution ensures that staff has a comprehensive list of qualified contractors when soliciting bids for the City of Ukiah.

Discussion: Staff is recommending the adoption of the resolution approving the Qualified Contractor's List for 2016. This list will be posted on the City's website and will be modified throughout the year as additional applications and/or bids are received.

FISCAL IMPACT:				
Budgeted Amount in 15-16 FY	New Appropriation Source of Funds (Title & No.)	Account Number	Budget Amendment Required	Previous Contract or Purchase Order No.
N/A	N/A	N/A	Yes ☐ No ☒	N/A

Recommended Action(s): Adopt resolution approving the Qualified Contractors' List for the 2016 calendar year.

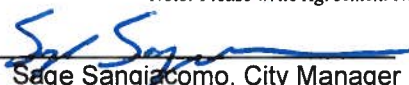
Alternative Council Option(s): Do not approve and provide direction to staff.

Citizens advised: Construction trade organizations and journals.
Requested by: N/A
Prepared by: Kristine Lawler, City Clerk.
Coordinated with: Mary Horger, Purchasing Supervisor.
Attachments: 1. Resolution Approving Qualified Contractors' List for 2016 Calendar Year, with Exhibit A, 2016 Qualified Contractors List
2. Notice to Construction Trade Organizations and Contractors
3. Ukiah City Code §1541-1542
4. Public Contracts Code Section 22036 (partial)
5. SB 854 Requirements

COUNCIL ACTION DATE: _____: ☐ Approved ☐ Continued to _____ ☐ Other _____

RECORDS APPROVED: ☐ Agreement: _____ ☐ Resolution: _____ ☐ Ordinance: _____

Note: Please write Agreement No. in upper right corner of agreement when drafted.

Approved: 
Sage Sangiacomo, City Manager

RESOLUTION NO. 2016-

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF UKIAH APPROVING QUALIFIED CONTRACTORS' LIST FOR 2016 CALENDAR YEAR

WHEREAS, under Ukiah City Code (UCC) sections 1541-1542, the City Clerk must request licensed contractors who are qualified to perform public work under contract with the City of Ukiah to submit their names, addresses, phone numbers, type of work in which they are interested, and the contractor's classification and license number; and

WHEREAS, the City Council is required to adopt a list of qualified contractors, identified according to categories of work; and

WHEREAS, the City Clerk has published the notice as required in UCC Section 1541 and compiled a list of qualified contractors based on information submitted in response to said notice and included all contractors who have submitted valid bids to the City during the preceding calendar year; and

WHEREAS, the City Council finds and determines that the list as compiled complies with the requirements of the City Code and Public Contracts Code Section 22034(a) and shall constitute the City of Ukiah Contractors' List for use in providing notice under the informal bidding procedure authorized in UCC Section 1543.

NOW, THEREFORE, BE IT RESOLVED, that the list attached to this resolution as Exhibit A is an alphabetical list of the expanded Contractors' List which is sorted by class for the City of Ukiah for the calendar year 2016.

PASSED AND ADOPTED this 6th day of January, 2016, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Stephen G. Scalmanini, Mayor

ATTEST:

Kristine Lawler, City Clerk

2016
City of Ukiah Qualified Contractors List

Company	City	State	Class	Public Works Contractor (PWC) Registration	PWC Registration No. Expiration Date	State License Expiration	State License No.
Class A - General Engineering			A - General Engineering				
A to Z Construction	Calpella	CA	A - General Engineering	1000016579	6/30/2016	3/31/2016	729177
American Asphalt	Hayward	CA	A - General Engineering	1000002117	6/30/2016	5/31/2017	439591
Argonaut Constructors	Santa Rosa	CA	A - General Engineering	1000002969	6/30/2016	12/31/2015	171432
Ashlin Pacific Construction Inc	Petaluma	CA	A - General Engineering	1000004017	6/30/2016	3/31/2016	634959
Bartley Pump, Inc.	Santa Rosa	CA	A - General Engineering	1000005263	6/30/2016	4/30/2016	200068
Beacom Construction Company	Fortuna	CA	A - General Engineering	1000010062	6/30/2016	11/30/2016	168923
Bell Products, Inc.	Napa	CA	A - General Engineering	1000000656	6/30/2016	6/30/2016	171534
Blocka Construction, Inc.	Fremont	CA	A - General Engineering	1000000447	6/30/2016	10/31/2017	679326
Bowen Engineering & Environmental	Fresno	CA	A - General Engineering	1000003520	6/30/2016	10/31/2016	656741
C.V. Larsen Co. Engineering Contractors	Santa Rosa	CA	A - General Engineering	1000005437	6/30/2016	5/31/2016	646209
CAL Electro Inc.	Redding	CA	A - General Engineering	1000001664	6/30/2016	5/31/2016	390480
Cats 4U Inc	Healdsburg	CA	A - General Engineering	1000005279	6/30/2016	3/31/2017	465781
Central Valley Engineering & Asphalt	Roseville	CA	A - General Engineering	1000001249	6/30/2016	3/31/2016	773404
Coastside Concrete	Santa Rosa	CA	A - General Engineering			1/31/2016	908693
Commercial Pump & Mechanical	Chico	CA	A - General Engineering	1000000565	6/30/2016	3/31/2017	921066
Cushman Contracting Corporation	Goleta	CA	A - General Engineering	1000004083	6/30/2016	6/30/2016	689962
Danco Builders Northwest	Arcata	CA	A - General Engineering	1000024665	6/30/2016	6/30/2017	899392
Deneau Company	Shingletown	CA	A - General Engineering	1000022586	6/30/2016	6/30/2016	507902
Diede Construction Inc.	Woodbridge	CA	A - General Engineering	1000002716	6/30/2016	12/31/2015	632667
Drill Tech Drilling & Shoring, Inc.	Antioch	CA	A - General Engineering	1000004866	6/30/2016	1/31/2016	745354
Dunton Construction Company, Inc.	Anderson	CA	A - General Engineering	1000005887	6/30/2016	3/31/2017	561887
EBA Engineering	Santa Rosa	CA	A - General Engineering	1000007548	6/30/2016	1/31/2017	662725
FD Thomas Inc	Central Point	OR	A - General Engineering	1000000093	6/30/2016	1/31/2017	610403
Ferranti Construction Inc.	Redwood Valley	CA	A - General Engineering	1000000386	6/30/2016	3/31/2017	385543
Fieldstone Construction Company	Santa Rosa	CA	A - General Engineering	1000026664	6/30/2016	5/31/2017	983863
Fort Bragg Electric Inc.	Fort Bragg	CA	A - General Engineering	1000000561	6/30/2016	7/31/2016	391464
Graham Contractors, Inc.	San Jose	CA	A - General Engineering	1000006175	6/30/2016	9/30/2017	315789
Granite Construction Company	Ukiah	CA	A - General Engineering	1000000085	6/30/2016	5/31/2017	89
Green Right O'Way Constructors Inc.	Willits	CA	A - General Engineering			10/31/2017	741568
Gregg Simpson Trucking	Ukiah	CA	A - General Engineering			9/30/2017	650339
Harborth Enterprise	Sebastopol	CA	A - General Engineering			10/31/2016	604826
Hilbers Inc.	Yuba City	CA	A - General Engineering	1000011638	6/30/2016	11/30/2016	547970
Kernen Construction	Blue Lake	CA	A - General Engineering	1000001810	6/30/2016	1/31/2017	504091
M B C Construction Co. Inc.	Ukiah	CA	A - General Engineering	1000011910	6/30/2016	4/30/2016	945554
Martin Brothers Construction	Sacramento	CA	A - General Engineering	1000000017	6/30/2016	8/31/2016	726454
Mendocino Construction Services, Inc.	Willits	CA	A - General Engineering	1000010252	6/30/2016	7/31/2017	443396
Modern Building Inc.	Chico	CA	A - General Engineering	1000001833	6/30/2016	6/30/2016	285006
Munson Pump Services	Anderson	CA	A - General Engineering	1000013192	6/30/2016	2/28/2017	855677
Neary Landscape	Cotati	CA	A - General Engineering	1000002998	6/30/2016	10/31/2016	814207
Northern Industrial Electric	Redding	CA	A - General Engineering	1000008129	6/30/2016	1/31/2016	291649
Northwest Construction Inc.	Redwood Valley	CA	A - General Engineering	1000015192	6/30/2016	10/31/2017	865329
Oak Grove Construction, Inc.	Petaluma	CA	A - General Engineering	1000000787	6/30/2016	6/30/2017	406464
Pacific Earthscape (aka Ford Logging, Inc.)	McKinleyville	CA	A - General Engineering	1000004081	6/30/2016	11/13/2015	793279

2016
City of Ukiah Qualified Contractors List

Company	City	State	Class	Public Works Contractor (PWC) Registration	PWC Registration No. Expiration Date	State License Expiration	State License No.
Pacific Underground Services	Martinez	CA	A - General Engineering	1000006886	6/30/2016	5/31/2016	722684
Par Electrical Contractors Inc	Vacaville	CA	A - General Engineering	1000007254	6/30/2016	4/30/2016	687343
Pierson Company	Eureka	CA	A - General Engineering	1000003134	6/30/2016	3/31/2016	265024
R A O Construction Co. Inc.	Cutten	CA	A - General Engineering	1000001272	6/30/2016	2/29/2016	335066
Rege Construction Inc.	Cloverdale	CA	A - General Engineering	1000003550	6/30/2016	10/31/2016	786253
Roberts Mechanical & Electrical Inc.	Santa Rosa	CA	A - General Engineering	1000005106	6/30/2016	2/28/2017	556014
S W Allen Construction, Inc.	Sacramento	CA	A - General Engineering	1000001030	6/30/2016	6/30/2016	646849
Sequoia Surfacing & Engineering	Santa Rosa	CA	A - General Engineering	1000000504	6/30/2016	2/28/2017	353540
Siri Grading & Paving Inc	Santa Rosa	CA	A - General Engineering	1000001441	6/30/2016	1/31/2018	325681
Steelhead Constructors Inc	Palo Cedro	CA	A - General Engineering	1000007333	6/30/2016	11/30/2016	729880
Stripe 'N' Seal, Inc., dba Aaron Paving	Santa Rosa	CA	A - General Engineering	1000000467	6/30/2016	4/30/2017	308128
Team Ghilotti, Inc.	Petaluma	CA	A - General Engineering	1000002085	6/30/2016	4/30/2017	895384
Tennyson Electric Inc	Livermore	CA	A - General Engineering	1000013487	6/30/2016	1/31/2016	717998
TerraCon Constructors, Inc.	Healdsburg	CA	A - General Engineering	1000002920	6/30/2016	11/30/2017	562511
The Perry Company	Chico	CA	A - General Engineering			1/31/2016	744653
Valley Paving	Redwood Valley	CA	A - General Engineering	1000008895	6/30/2016	7/31/2017	674411
West Coast Environmental	Rancho Cordova	CA	A - General Engineering	1000002083	6/30/2016	2/29/2016	718733
Whitehawk Construction	Palo Cedro	CA	A - General Engineering	1000002308	6/30/2016	1/31/2016	831256
Wipf Construction	Ukiah	CA	A - General Engineering	1000008057	6/30/2016	9/30/2017	629598
Wright Contracting, Inc.	Santa Rosa	CA	A - General Engineering	1000001792	6/30/2016	1/31/2016	417421
Wylatti Resource Management Inc.	Covelo	CA	A - General Engineering	1000001453	6/30/2016	6/30/2017	934597
Younger General Contractors, Inc.	Rancho Cordova	CA	A - General Engineering	1000002166	6/30/2016	6/30/2016	648535
Class ASB - Asbestos Removal Certification			ASB - Asbestos Removal Certification				
Bowen Engineering & Environmental	Fresno	CA	ASB - Asbestos Removal Certification	1000003520	6/30/2016	10/31/2016	656741
Diede Construction Inc.	Woodbridge	CA	ASB - Asbestos Removal Certification	1000002716	6/30/2016	12/31/2015	632667
Harborth Enterprise	Sebastopol	CA	ASB - Asbestos Removal Certification			10/31/2016	604826
S W Allen Construction, Inc.	Sacramento	CA	ASB - Asbestos Removal Certification	1000001030	6/30/2016	6/30/2016	646849
West Coast Environmental	Rancho Cordova	CA	ASB - Asbestos Removal Certification	1000002083	6/30/2016	2/29/2016	718733
Wright Contracting, Inc.	Santa Rosa	CA	ASB - Asbestos Removal Certification	1000001792	6/30/2016	1/31/2016	417421
Plant Hazardous Services Inc	El Sobrante	CA	ASB - Asbestos Removal Certification	1000006964	6/30/2016	8/31/2017	863366
Class B - General Building			B - General Building				
A.E. Nelson Construction	Rohnert Park	CA	B - General Building	1000002111	6/30/2016	9/30/2016	364212
Adams Commercial General Contracting	Eureka	CA	B - General Building	1000000607	6/30/2016	2/29/2016	875823
Apperson Energy Management	Redwood Valley	CA	B - General Building	1000008772	6/30/2016	11/30/2016	431271
Argonaut Constructors	Santa Rosa	CA	B - General Building	1000002969	6/30/2016	12/31/2015	171432
Bay Cities Fire Protection	Santa Rosa	CA	B - General Building	1000001234	6/30/2016	1/31/2017	731222
Bay West Construction	Santa Rosa	CA	B - General Building	1000002058	6/30/2016	3/31/2016	508115
Beacom Construction Company	Fortuna	CA	B - General Building	1000010062	6/30/2016	11/30/2016	168923
Beacom Construction Company	Fortuna	CA	B - General Building	1000010062	6/30/2016	11/30/2016	168923
Bell Products, Inc.	Napa	CA	B - General Building	1000000656	6/30/2016	6/30/2016	171534
Blocka Construction, Inc.	Fremont	CA	B - General Building	1000000447	6/30/2016	10/31/2017	679326
Busch Construction & Electric	Redwood Valley	CA	B - General Building	1000016493	6/30/2016	5/31/2017	404336
C W S Construction Group, Inc.	Novato	CA	B - General Building	1000020287	6/30/2016	4/30/2017	811153
CAL Electro Inc.	Redding	CA	B - General Building	1000001664	6/30/2016	5/31/2016	390480
CAM Painting, Inc.	Bell Canyon	CA	B - General Building	1000000989	6/30/2016	8/31/2017	710805

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Carr's Construction Service, Inc.	Santa Rosa	CA	B - General Building	1000009155	6/30/2016	3/31/2016	556444
Coastside Concrete	Santa Rosa	CA	B - General Building			1/31/2016	908693
Codding Construction Co	Rohnert Park	CA	B - General Building			9/30/2017	203301
Cupples & Sons Construction Inc.	Hopland	CA	B - General Building	1000014873	6/30/2016	4/30/2016	806992
Danco Builders Northwest	Arcata	CA	B - General Building	1000024665	6/30/2016	6/30/2017	899392
Deneau Company	Shingletown	CA	B - General Building	1000022586	6/30/2016	6/30/2016	507902
Diede Construction Inc.	Woodbridge	CA	B - General Building	1000002716	6/30/2016	12/31/2015	632667
FD Thomas Inc	Central Point	OR	B - General Building	1000000093	6/30/2016	1/31/2017	610403
Ferranti Construction Inc.	Redwood Valley	CA	B - General Building	1000000386	6/30/2016	3/31/2017	385543
Fieldstone Construction Company	Santa Rosa	CA	B - General Building	1000026664	6/30/2016	5/31/2017	983863
Fort Bragg Electric Inc.	Fort Bragg	CA	B - General Building	1000000561	6/30/2016	7/31/2016	391464
FRC, Inc.	Petaluma	CA	B - General Building	1000002179	6/30/2016	4/30/2016	715667
GCCI, Inc.	Santa Rosa	CA	B - General Building	1000003538	6/30/2016	11/30/2016	729437
Granite Construction Company	Ukiah	CA	B - General Building	1000000085	6/30/2016	5/31/2017	89
H.L. Weaver	Ukiah	CA	B - General Building			7/31/2017	476225
Hilbers Inc.	Yuba City	CA	B - General Building	1000011638	6/30/2016	11/30/2016	547970
JB Jordan & Associates	Petaluma	CA	B - General Building	1000001320	6/30/2016	12/31/2016	955247
Kernen Construction	Blue Lake	CA	B - General Building	1000001810	6/30/2016	1/31/2017	504091
L M Painting & Construction	Rowland Heights	CA	B - General Building	1000002475	6/30/2016	6/30/2016	628435
Menton Builders, Inc.	Ukiah	CA	B - General Building	1000008820	6/30/2016	8/31/2017	381334
Modern Building Inc.	Chico	CA	B - General Building	1000001833	6/30/2016	6/30/2016	285006
North Counties Drywall, Inc.	Sonoma	CA	B - General Building	1000005163	6/30/2016	10/31/2017	630523
Northern Industrial Electric	Redding	CA	B - General Building	1000008129	6/30/2016	1/31/2016	291649
Oak Grove Construction, Inc.	Petaluma	CA	B - General Building	1000000787	6/30/2016	6/30/2017	406464
Painting and Decor, Inc.	Trabuco Canyon	CA	B - General Building	1000002852	6/30/2016	6/30/2016	276640
Pierson Company	Eureka	CA	B - General Building	1000003134	6/30/2016	3/31/2016	265024
Plant Hazardous Services Inc	El Sobrante	CA	B - General Building	1000006964	6/30/2016	8/31/2017	863366
PTI, Inc.	McClellan	CA	B - General Building	1000001477	6/30/2016	4/30/2016	686658
R A O Construction Co. Inc.	Cutten	CA	B - General Building	1000001272	6/30/2016	2/29/2016	335066
R G Clark Construction Inc.	Calpella	CA	B - General Building	1000008602	6/30/2016	10/31/2017	361222
S W Allen Construction, Inc.	Sacramento	CA	B - General Building	1000001030	6/30/2016	6/30/2016	646849
Sack Concrete Const	Ukiah	CA	B - General Building			8/31/2017	625555
Swithenbank Construction Inc.	Fort Bragg	CA	B - General Building			11/30/2017	940219
TerraCon Constructors, Inc.	Healdsburg	CA	B - General Building	1000002920	6/30/2016	11/30/2017	562511
The Perry Company	Chico	CA	B - General Building			1/31/2016	744653
Ukiah Construction	Ukiah	CA	B - General Building	1000003484	6/30/2016	4/30/2016	373322
Ukiah Electric	Ukiah	CA	B - General Building	1000003484	6/30/2016	4/30/2016	713241
Valley Paving	Redwood Valley	CA	B - General Building	1000008895	6/30/2016	7/31/2017	674411
West Coast Drywall (Tubbies Corporation)	Santa Rosa	CA	B - General Building	1000027219	6/30/2016	11/30/2017	756161
West Coast Environmental	Rancho Cordova	CA	B - General Building	1000002083	6/30/2016	2/29/2016	718733
Wright Contracting, Inc.	Santa Rosa	CA	B - General Building	1000001792	6/30/2016	1/31/2016	417421
Younger General Contractors, Inc.	Rancho Cordova	CA	B - General Building	1000002166	6/30/2016	6/30/2016	648535
Building Exchanges			Building Exchanges				
Bay Area Builders Exchange	Concord	CA	Building Exchanges				
Construction BidBoard, Inc.	San Diego	CA	Building Exchanges				
Humboldt Builders Exchange	Eureka	CA	Building Exchanges				

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Marin Builders Association	San Rafael	CA	Building Exchanges				
McGraw-Hill Construction Dodge	Arlington	TX	Building Exchanges				
North Coast Builders Exchange	Santa Rosa	CA	Building Exchanges				
Placer County Contractors Association, Inc.	Roseville	CA	Building Exchanges				
Sacramento Builders Exchange	Sacramento	CA	Building Exchanges				
San Francisco Builders Exchange	San Francisco	CA	Building Exchanges				
Shasta BuildersExchange	Redding	CA	Building Exchanges				
Solano-Napa Builders Exchange	Napa	CA	Building Exchanges				
Valley Contractors Exchange	Chico	CA	Building Exchanges				
Valley Utility Services	Sacramento	CA	Building Exchanges				
Class C-2 Insulation & Acoustical			C-02 Insulation & Acoustical				
Apperson Energy Management	Redwood Valley	CA	C-02 Insulation & Acoustical	1000008772	6/30/2016	11/30/2016	431271
Diede Construction Inc.	Woodbridge	CA	C-02 Insulation & Acoustical	1000002716	6/30/2016	12/31/2015	632667
DW Acoustics, Inc.	Santa Rosa	CA	C-02 Insulation & Acoustical	1000000905	6/30/2016	9/30/2017	879037
DW Acoustics, Inc.	Santa Rosa	CA	C-02 Insulation & Acoustical	1000000905	6/30/2016	9/30/2017	879037
Granite Construction Company	Ukiah	CA	C-02 Insulation & Acoustical	1000000085	6/30/2016	5/31/2017	89
North Counties Drywall, Inc.	Sonoma	CA	C-02 Insulation & Acoustical	1000005163	6/30/2016	10/31/2017	630523
Plant Hazardous Services Inc	El Sobrante	CA	C-02 Insulation & Acoustical	1000006964	6/30/2016	8/31/2017	863366
Ukiah Construction	Ukiah	CA	C-02 Insulation & Acoustical	1000003484	6/30/2016	4/30/2016	373322
West Coast Environmental	Rancho Cordova	CA	C-02 Insulation & Acoustical	1000002083	6/30/2016	2/29/2016	718733
Class C-4 Boiler, Hot Water Heating & Steam Fitting			C-04 Boiler, Hot Water Heating & Steam Fitting				
Bell Products, Inc.	Napa	CA	C-04 Boiler, Hot Water Heating & Steam Fitting	1000000656	6/30/2016	6/30/2016	171534
Roberts Mechanical & Electrical Inc.	Santa Rosa	CA	C-04 Boiler, Hot Water Heating & Steam Fitting	1000005106	6/30/2016	2/28/2017	556014
Class C-5 Carpentry			C-05 Carpentry				
Pierson Company	Eureka	CA	C-05 Carpentry	1000003134	6/30/2016	3/31/2016	265024
Class C-6 Cabinet & Mill Work			C-06 Cabinet & Mill Work				
Beacom Construction Company	Fortuna	CA	C-06 Cabinet & Mill Work	1000010062	6/30/2016	11/30/2016	168923
Beacom Construction Company	Fortuna	CA	C-06 Cabinet & Mill Work	1000010062	6/30/2016	11/30/2016	168923
Fremont Millwork Co.	Klamath Falls	OR	C-06 Cabinet & Mill Work	1000000246	6/30/2016	12/31/2016	249756
Class C-7 Low Voltage Communication & Wiring Systems			C-07 Low Voltage Communication & Wiring Systems				
Alessandro Electric, Inc.	Sacramento	CA	C-07 Low Voltage Communication & Wiring Systems	1000003067	6/30/2016	8/31/2017	867775
Crusader Fence Company, Inc.	Vallejo	CA	C-07 Low Voltage Communication & Wiring Systems	1000000020	6/30/2016	8/31/2016	726527
Crusader Fence Company, Inc.	Vallejo	CA	C-07 Low Voltage Communication & Wiring Systems	1000000020	6/30/2016	8/31/2016	726527
Gaynor Telesystems, Inc.	Redding	CA	C-07 Low Voltage Communication & Wiring Systems			8/31/2017	339907
Pacific Power & Systems, Inc.	Fairfield	CA	C-07 Low Voltage Communication & Wiring Systems	1000000158	6/30/2016	10/31/2017	458315
PCD	Santa Rosa	CA	C-07 Low Voltage Communication & Wiring Systems	1000000341	6/30/2016	4/30/2016	527657
PTI, Inc.	McClellan	CA	C-07 Low Voltage Communication & Wiring Systems	1000001477	6/30/2016	4/30/2016	686658
Stewart Telecommunications	Eureka	CA	C-07 Low Voltage Communication & Wiring Systems	1000008328	6/30/2016	11/3/2015	941610
Walsh Electronics Systems Technology	Cayucos	CA	C-07 Low Voltage Communication & Wiring Systems			10/31/2016	698080
Walsh Electronics Systems Technology	Cayucos	CA	C-07 Low Voltage Communication & Wiring Systems			10/31/2016	698080
Class C-8 Concrete			C-08 Concrete				
A to Z Construction	Calpella	CA	C-08 Concrete			3/31/2016	729177
Coastside Concrete	Santa Rosa	CA	C-08 Concrete			1/31/2016	908693

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Danco Builders Northwest	Arcata	CA	C-08 Concrete	1000024665	6/30/2016	6/30/2017	899392
Diede Construction Inc.	Woodbridge	CA	C-08 Concrete	1000002716	6/30/2016	12/31/2015	632667
Ferranti Construction Inc.	Redwood Valley	CA	C-08 Concrete	1000000386	6/30/2016	3/31/2017	385543
Granite Construction Company	Ukiah	CA	C-08 Concrete	1000000085	6/30/2016	5/31/2017	89
Kernen Construction	Blue Lake	CA	C-08 Concrete	1000001810	6/30/2016	1/31/2017	504091
Modern Building Inc.	Chico	CA	C-08 Concrete	1000001833	6/30/2016	6/30/2016	285006
Pierson Company	Eureka	CA	C-08 Concrete	1000003134	6/30/2016	3/31/2016	265024
R A O Construction Co. Inc.	Cutten	CA	C-08 Concrete	1000001272	6/30/2016	2/29/2016	335066
R G Clark Construction Inc.	Calpella	CA	C-08 Concrete	1000008602	6/30/2016	10/31/2017	361222
Sack Concrete Const	Ukiah	CA	C-08 Concrete			8/31/2017	625555
Class C-9 Drywall			C-09 Drywall				
F C Bickert Company Inc	Red Bluff	CA	C-09 Drywall	1000004987	6/30/2016	1/31/2017	531785
North Counties Drywall, Inc.	Sonoma	CA	C-09 Drywall	1000005163	6/30/2016	10/31/2017	630523
Pacific Drywall	Redwood Valley	CA	C-09 Drywall			2/29/2016	911180
R G Clark Construction Inc.	Calpella	CA	C-09 Drywall	1000008602	6/30/2016	10/31/2017	361222
West Coast Drywall (Tubbies Corporation)	Santa Rosa	CA	C-09 Drywall	1000027219	6/30/2016	11/30/2017	756161
West Coast Environmental	Rancho Cordova	CA	C-09 Drywall	1000002083	6/30/2016	2/29/2016	718733
Class C-10 General Electrical			C10 General Electrical				
Alessandro Electric, Inc.	Sacramento	CA	C10 General Electrical	1000003067	6/30/2016	8/31/2017	867775
Bartley Pump, Inc.	Santa Rosa	CA	C10 General Electrical	1000005263	6/30/2016	4/30/2016	200068
Blocka Construction, Inc.	Fremont	CA	C10 General Electrical	1000000447	6/30/2016	10/31/2017	679326
Bowen Engineering & Environmental	Fresno	CA	C10 General Electrical	1000003520	6/30/2016	10/31/2016	656741
Busch Construction & Electric	Redwood Valley	CA	C10 General Electrical	1000016493	6/30/2016	5/31/2017	404336
CAL Electro Inc.	Redding	CA	C10 General Electrical	1000001664	6/30/2016	5/31/2016	390480
Fort Bragg Electric Inc.	Fort Bragg	CA	C10 General Electrical	1000000561	6/30/2016	7/31/2016	391464
Granite Construction Company	Ukiah	CA	C10 General Electrical	1000000085	6/30/2016	5/31/2017	89
Mike Brown Electric Company	Cotati	CA	C10 General Electrical	1000000469	6/30/2016	4/30/2016	306767
National Conductor (Z Contracting, Inc.)	Brainerd	MN	C10 General Electrical			4/30/2017	794049
Northern Industrial Electric	Redding	CA	C10 General Electrical	1000008129	6/30/2016	1/31/2016	291649
On Time Services Co.	Santa Rosa	CA	C10 General Electrical	1000012183	6/30/2016	10/31/2016	978117
Pacific Power & Systems, Inc.	Fairfield	CA	C10 General Electrical	1000000158	6/30/2016	10/31/2017	458315
Par Electrical Contractors Inc	Vacaville	CA	C10 General Electrical	1000007254	6/30/2016	4/30/2016	687343
PTI, Inc.	McClellan	CA	C10 General Electrical	1000001477	6/30/2016	4/30/2016	686658
R G Clark Construction Inc.	Calpella	CA	C10 General Electrical	1000008602	6/30/2016	10/31/2017	361222
Roberts Mechanical & Electrical Inc.	Santa Rosa	CA	C10 General Electrical	1000005106	6/30/2016	2/28/2017	556014
Spencer Electric	Cutten	CA	C10 General Electrical	1000000028	6/30/2016	6/30/2016	917603
SPX Transformer Solutions	Pleasanton	CA	C10 General Electrical	1000012207	6/30/2016	5/31/2016	839522
Tennyson Electric Inc	Livermore	CA	C10 General Electrical	1000013487	6/30/2016	1/31/2016	717998
Ukiah Construction	Ukiah	CA	C10 General Electrical	1000003484	6/30/2016	4/30/2016	373322
Ukiah Electric	Ukiah	CA	C10 General Electrical	1000003484	6/30/2016	4/30/2016	713241
Walsh Electronics Systems Technology	Cayucos	CA	C10 General Electrical			10/31/2016	698080
Walsh Electronics Systems Technology	Cayucos	CA	C10 General Electrical			10/31/2016	698080
Class C-11 Elevator Installation			C11 Elevator Installation				
Class C-12 Earthwork & Paving			C12 Earthwork & Paving				
A to Z Construction	Calpella	CA	C12 Earthwork & Paving	1000016579	6/30/2016	3/31/2016	729177
Cats 4U Inc	Healdsburg	CA	C12 Earthwork & Paving	1000005279	6/30/2016	3/31/2017	465781

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Graham Contractors, Inc.	San Jose	CA	C12 Earthwork & Paving	1000006175	6/30/2016	9/30/2017	315789
Granite Construction Company	Ukiah	CA	C12 Earthwork & Paving	1000000085	6/30/2016	5/31/2017	89
Class C-13 Fencing			C13 Fencing				
A to Z Construction	Calpella	CA	C13 Fencing	1000016579	6/30/2016	3/31/2016	729177
Anchor Fence Company, Inc.	Daly City	CA	C13 Fencing	1000024310	6/30/2016	3/31/2016	719573
Jacobson Fence Company, Inc.	Santa Rosa	CA	C13 Fencing	1000024902	6/30/2016	8/31/2017	515709
The Perry Company	Chico	CA	C13 Fencing			1/31/2016	744653
Class C-15 Flooring & Floor Covering			C15 Flooring & Floor Covering				
Conklin Bros of Santa Rosa, Inc.	Santa Rosa	CA	C15 Flooring & Floor Covering	1000002175	6/30/2016	7/31/2016	248359
Diede Construction Inc.	Woodbridge	CA	C15 Flooring & Floor Covering	1000002716	6/30/2016	12/31/2015	632667
JB Jordan & Associates	Petaluma	CA	C15 Flooring & Floor Covering	1000001320	6/30/2016	12/31/2016	955247
Norcal Floor Covering	Colusa	CA	C15 Flooring & Floor Covering	1000003771	6/30/2016	5/31/2016	364608
Class C-16 Fire Protecting Contractor			C16 Fire Protecting Contractor				
Bay Cities Fire Protection	Santa Rosa	CA	C16 Fire Protecting Contractor	1000001234	6/30/2016	1/31/2017	731222
Foothill Fire Protection, Inc.	Chico	CA	C16 Fire Protecting Contractor	1000008087	6/30/2016	8/31/2016	783132
Wipf Construction	Ukiah	CA	C16 Fire Protecting Contractor	1000008057	6/30/2016	9/30/2017	629598
Class C-17 Glazing			C17 Glazing				
Apperson Energy Management	Redwood Valley	CA	C17 Glazing	1000008772	6/30/2016	11/30/2016	431271
Best Contracting Services Inc	Gardena	CA	C17 Glazing	1000000563	6/30/2016	5/31/2016	456263
Class C-20 Warm-Air Heating, Ventilating & Air-Conditioning			C20 Warm-Air Heating, Ventilating & Air-Conditioning				
Bell Products, Inc.	Napa	CA	C20 Warm-Air Heating, Ventilating & Air-Conditioning	1000000656	6/30/2016	6/30/2016	171534
Best Contracting Services Inc	Gardena	CA	C20 Warm-Air Heating, Ventilating & Air-Conditioning	1000000563	6/30/2016		
Blocka Construction, Inc.	Fremont	CA	C20 Warm-Air Heating, Ventilating & Air-Conditioning	1000000447	6/30/2016	10/31/2017	679326
Redwood Heating-Cooling	Ukiah	CA	C20 Warm-Air Heating, Ventilating & Air-Conditioning	1000011082	6/30/2016	12/31/2016	292494
RG Mechanical, Inc.	Cotati	CA	C20 Warm-Air Heating, Ventilating & Air-Conditioning	1000023033	6/30/2016	3/31/2016	856063
Roberts Mechanical & Electrical Inc.	Santa Rosa	CA	C20 Warm-Air Heating, Ventilating & Air-Conditioning	1000005106	6/30/2016	2/28/2017	556014
Class C-21 Building Moving & Wrecking			C21 Building Moving & Wrecking				
Ashlin Pacific Construction Inc	Petaluma	CA	C21 Building Moving & Wrecking	1000004017	6/30/2016	3/31/2016	634959
Bowen Engineering & Environmental	Fresno	CA	C21 Building Moving & Wrecking	1000003520	6/30/2016	10/31/2016	656741
Granite Construction Company	Ukiah	CA	C21 Building Moving & Wrecking	1000000085	6/30/2016	5/31/2017	89
Kernen Construction	Blue Lake	CA	C21 Building Moving & Wrecking	1000001810	6/30/2016	1/31/2017	504091
Mendocino Construction Services, Inc.	Willits	CA	C21 Building Moving & Wrecking	1000010252	6/30/2016	7/31/2017	443396
Plant Hazardous Services Inc	El Sobrante	CA	C21 Building Moving & Wrecking	1000006964	6/30/2016	8/31/2017	863366
West Coast Environmental	Rancho Cordova	CA	C21 Building Moving & Wrecking	1000002083	6/30/2016	2/29/2016	718733
Bowen Engineering & Environmental	Fresno	CA	C22 - ASBESTOS ABATEMENT	1000003520	6/30/2016	10/31/2016	656741
Plant Hazardous Services Inc	El Sobrante	CA	C22 - ASBESTOS ABATEMENT	1000006964	6/30/2016	8/31/2017	863366
Class C-23 Ornamental Metals			C23 Ornamental Metals				
Jacobson Fence Company, Inc.	Santa Rosa	CA	C23 Ornamental Metals	1000024902	6/30/2016	8/31/2017	515709
Class C-27 Landscaping			C27 Landscaping				
Davey Tree Surgery Company	Livermore	CA	C27 Landscaping	1000002596	6/30/2016	5/31/2016	257957
Diede Construction Inc.	Woodbridge	CA	C27 Landscaping	1000002716	6/30/2016	12/31/2015	632667
				1000026759;			
Fieldstone Construction Company	Santa Rosa	CA	C27 Landscaping	1000026664	6/30/2016	5/31/2017	983863
Granite Construction Company	Ukiah	CA	C27 Landscaping	1000000085	6/30/2016	5/31/2017	89
Johnson's Custom Landscaping	Ukiah	CA	C27 Landscaping	1000011617	6/30/2016	3/31/2017	748725

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Neary Landscape	Cotati	CA	C27 Landscaping	1000002998	6/30/2016	10/31/2016	814207
The Perry Company	Chico	CA	C27 Landscaping			1/31/2016	744653
Green Vista Landscape	Rocklin	CA	C27 Landscaping	1000007433	6/30/2016	5/31/2016	878017
Johnson's Custom Landscaping	Ukiah	CA	C-27 Landscaping	1000011617	6/30/2016	4/30/2016	748725
Sangiaco Landscape	Ukiah	CA	C-27 Landscaping			1/31/2017	367676
Class C-28 Lock & Security Equipment			C28 Lock & Security Equipment				
Class C-29 Masonry			C29 Masonry				
Granite Construction Company	Ukiah	CA	C29 Masonry	1000000085	6/30/2016	5/31/2017	89
Class C-31 Construction Zone Traffic Control			C31 Construction Zone Traffic Control				
Granite Construction Company	Ukiah	CA	C31 Construction Zone Traffic Control	1000000085	6/30/2016	5/31/2017	89
Wipf Construction	Ukiah	CA	C31 Construction Zone Traffic Control	1000008057	6/30/2016	9/30/2017	629598
Class C-32 Parking & Highway Improvement			C32 Parking & Highway Improvement				
American Asphalt	Hayward	CA	C32 Parking & Highway Improvement	1000002117	6/30/2016	5/31/2017	439591
Argonaut Constructors	Santa Rosa	CA	C32 Parking & Highway Improvement	1000002969	6/30/2016	12/31/2015	171432
Class C-33 Painting & Decorating			C33 Painting & Decorating				
Beacom Construction Company	Fortuna	CA	C33 Painting & Decorating	1000010062	6/30/2016	11/30/2016	168923
Beacom Construction Company	Fortuna	CA	C33 Painting & Decorating	1000010062	6/30/2016	11/30/2016	168923
CAM Painting, Inc.	Bell Canyon	CA	C33 Painting & Decorating	1000000989	6/30/2016	8/31/2017	710805
Dunn Right Painting Inc.	Ukiah	CA	C33 Painting & Decorating	1000008654	6/30/2016	9/30/2017	691040
FD Thomas Inc.	Central Point	OR	C33 Painting & Decorating	1000000093	6/30/2016	1/31/2017	610403
H.L. Weaver	Ukiah	CA	C33 Painting & Decorating			7/31/2017	476225
L M Painting & Construction	Rowland Heights	CA	C33 Painting & Decorating	1000002475	6/30/2016	6/30/2016	628435
Painting and Decor, Inc.	Trabuco Canyon	CA	C33 Painting & Decorating	1000002852	6/30/2016	6/30/2016	276640
Tony Painting	Garden Grove	CA	C33 Painting & Decorating	1000001496	6/30/2016	9/30/2017	320164
Vera's Painting	Woodland Hills	CA	C33 Painting & Decorating	1000002171	6/30/2016	9/30/2016	977056
Class C-34 Pipline			C34 Pipline				
Class C-35 Lathing and Plastering			C35 Lathing and Plastering				
F C Bickert Company Inc	Red Bluff	CA	C35 Lathing and Plastering	1000004987	6/30/2016	1/31/2017	531785
Granite Construction Company	Ukiah	CA	C35 Lathing and Plastering	1000000085	6/30/2016	5/31/2017	89
North Counties Drywall, Inc.	Sonoma	CA	C35 Lathing and Plastering	1000005163	6/30/2016	10/31/2017	630523
Class C-36 Plumbing			C36 Plumbing				
A.E. Nelson Construction	Rohnert Park	CA	C36 Plumbing	1000002111	6/30/2016	9/30/2016	364212
Bell Products, Inc.	Napa	CA	C36 Plumbing	1000000656	6/30/2016	6/30/2016	171534
Fort Bragg Electric Inc.	Fort Bragg	CA	C36 Plumbing	1000000561	6/30/2016	7/31/2016	391464
Granite Construction Company	Ukiah	CA	C36 Plumbing	1000000085	6/30/2016	5/31/2017	89
Mr. Rooter Plumbing of Mendocino & Lake Counties	Redwood Valley	CA	C36 Plumbing	1000009019	6/30/2016	5/31/2017	932392
R G Clark Construction Inc.	Calpella	CA	C36 Plumbing	1000008602	6/30/2016	10/31/2017	361222
Roberts Mechanical & Electrical Inc.	Santa Rosa	CA	C36 Plumbing	1000005106	6/30/2016	2/28/2017	556014
Class C-38 Refrigeration			C38 Refrigeration				
Class C-39 Roofing			C39 Roofing				
B. A. S. Roofing	Ukiah	CA	C39 Roofing			1/31/2017	927007
Best Contracting Services Inc	Gardena	CA	C39 Roofing	1000000563	6/30/2016		
Diede Construction Inc.	Woodbridge	CA	C39 Roofing	1000002716	6/30/2016	12/31/2015	632667
FD Thomas Inc.	Central Point	OR	C39 Roofing	1000000093	6/30/2016	1/31/2017	610403
Foam Experts Roofing, Inc.	Mesa	AZ	C39 Roofing	1000001953	6/30/2016	11/30/2016	501167

2016
City of Ukiah Qualified Contractors List

Company	City	State	Class	Public Works Contractor (PWC) Registration	PWC Registration No. Expiration Date	State License Expiration	State License No.
Granite Construction Company	Ukiah	CA	C39 Roofing	1000000085	6/30/2016	5/31/2017	89
Henris Roofing Company	Petaluma	CA	C39 Roofing	1000006448	6/30/2016	8/31/2017	220964
Lucerne Roofing & Supply Inc	Lakeport	CA	C39 Roofing	1000015501	6/30/2016	4/30/2016	388686
S W Allen Construction, Inc.	Sacramento	CA	C39 Roofing	1000001030	6/30/2016	6/30/2016	646849
The Perry Company	Chico	CA	C39 Roofing			1/31/2016	744653
Class C-42 Sanitation Systems			C42 Sanitation Systems				
Deneau Company	Shingletown	CA	C42 Sanitation Systems	1000022586	6/30/2016	6/30/2016	507902
Granite Construction Company	Ukiah	CA	C42 Sanitation Systems	1000000085	6/30/2016	5/31/2017	89
Class C-43 Sheet Metal			C43 Sheet Metal				
Bell Products, Inc.	Napa	CA	C43 Sheet Metal	1000000656	6/30/2016	6/30/2016	171534
Best Contracting Services Inc	Gardena	CA	C43 Sheet Metal	1000000563	6/30/2016		
Redwood Heating-Cooling	Ukiah	CA	C43 Sheet Metal	1000011082	6/30/2016	12/31/2016	292494
RG Mechanical, Inc.	Cotati	CA	C43 Sheet Metal	1000023033	6/30/2016	3/31/2016	856063
Class C-45 Electrical Signs			C45 Electrical Signs				
Granite Construction Company	Ukiah	CA	C45 Electrical Signs	1000000085	6/30/2016	5/31/2017	89
Class C-46 Solar			C46 Solar				
Class C-50 Steel Reinforcing			C50 Steel Reinforcing				
Bowen Engineering & Environmental	Fresno	CA	C50 Steel Reinforcing	1000003520	6/30/2016	10/31/2016	656741
Granite Construction Company	Ukiah	CA	C50 Steel Reinforcing	1000000085	6/30/2016	5/31/2017	89
Class C-51 Structural Steel Contractor			C51 Structural Steel Contractor				
Granite Construction Company	Ukiah	CA	C51 Structural Steel Contractor	1000000085	6/30/2016	5/31/2017	89
Kernen Construction	Blue Lake	CA	C51 Structural Steel Contractor	1000001810	6/30/2016	1/31/2017	504091
Class C-53 Swimming Pool			C53 Swimming Pool				
Class C-54 Ceramic & Mosaic Tile			C54 Ceramic & Mosaic Tile				
Norcal Floor Covering	Colusa	CA	C54 Ceramic & Mosaic Tile	1000003771	6/30/2016	5/31/2016	364608
Class C-55 Water Conditioning			C55 Water Conditioning				
Class C-57 Water Well Drilling			C57 Water Well Drilling				
Bartley Pump, Inc.	Santa Rosa	CA	C57 Water Well Drilling	1000005263	6/30/2016	4/30/2016	200068
Commercial Pump & Mechanical	Chico	CA	C57 Water Well Drilling	1000000565	6/30/2016	3/31/2017	921066
Drill Tech Drilling & Shoring, Inc.	Antioch	CA	C57 Water Well Drilling	1000004866	6/30/2016	1/31/2016	745354
Granite Construction Company	Ukiah	CA	C57 Water Well Drilling	1000000085	6/30/2016	5/31/2017	89
LACO Associates	Ukiah	CA	C57 Water Well Drilling			1/31/2016	870503
Spencer Electric	Cutten	CA	C-61 / D06 - CONCRETE RELATED SERVICES	1000000028	6/30/2016	6/30/2016	917603
Commercial Pump & Mechanical	Chico	CA	C61 / D21 Machinery & Pumps	1000000565	6/30/2016	3/31/2017	921066
FD Thomas Inc.	Central Point	OR	C61 / D21 Machinery & Pumps	1000000093	6/30/2016	1/31/2017	610403
Munson Pump Services	Anderson	CA	C61 / D21 Machinery & Pumps	1000013192	6/30/2016	2/28/2017	855677
Tony Painting	Garden Grove	CA	C61 / D21 Machinery & Pumps	1000001496	6/30/2016	9/30/2017	320164
New World Manufacturing Inc.	Cloverdale	CA	C61 / D21 Machinery & Pumps	1000001760	6/30/2016	5/31/2017	618911
Class D-06 Concrete Related Services			D-06 Concrete Related Services				
Class D-09 Drilling, Blasting and Oil Field Work			D-09 Drilling, Blasting and Oil Field Work				
Par Electrical Contractors Inc	Vacaville	CA	D-09 Drilling, Blasting and Oil Field Work	1000007254	6/30/2016	4/30/2016	687343
Class D-10 Elevated Floors			D10 Elevated Floors				
Class D-12 Synthetic Products			D12 Synthetic Products				

2016
City of Ukiah Qualified Contractors List

Company	City	State	Class	Public Works Contractor (PWC) Registration	PWC Registration No. Expiration Date	State License Expiration	State License No.
Flexground Surfaces Inc.	Roseville	CA	D12 Synthetic Products	1000021294	6/30/2016	5/31/2017	1003439
Class D-21 Machinery & Pumps			D21 Machinery & Pumps				
Bartley Pump, Inc.	Santa Rosa	CA	D21 Machinery & Pumps	1000005263	6/30/2016	4/30/2016	200068
Class D-23 Medical Gas Systems			D23 Medical Gas Systems				
Class D-24 Metal Products			D24 Metal Products				
Class D-28 Doors, Gates & Activating Devices			D28 Doors, Gates & Activating Devices				
Diede Construction Inc.	Woodbridge	CA	D28 Doors, Gates & Activating Devices	1000002716	6/30/2016	12/31/2015	632667
Drill Tech Drilling & Shoring, Inc.	Antioch	CA	D30	1000004866	6/30/2016	1/31/2016	745354
Class D-31 Pole Installation & Maintenance			D31 Pole Installation & Maintenance				
Davey Tree Surgery Company	Livermore	CA	D31 Pole Installation & Maintenance	1000002596	6/30/2016	5/31/2016	257957
Class D-34 Prefabricated Equipment			D34 Prefabricated Equipment				
Class D-35 Pool and Spa Maintenance			D35 Pool and Spa Maintenance				
Class D-38 Sand & Water Blasting			D38 Sand & Water Blasting				
Tony Painting	Garden Grove	CA	D38 Sand & Water Blasting	1000001496	6/30/2016	9/30/2017	320164
Class D-39 Scaffolding			D39 Scaffolding				
Class D-40 Srvc Stn Equip & Maint			D40 Srvc Stn Equip & Maint				
Class D-41 Siding and Decking			D41 Siding and Decking				
Class D-42 Sign Installation			D42 Sign Installation				
Class D-49 Tree Service			D49 Tree Service				
Davey Tree Surgery Company	Livermore	CA	D49 Tree Service	1000002596	6/30/2016	5/31/2016	257957
Green Right O'Way Constructors Inc.	Willits	CA	D49 Tree Service			10/31/2017	741568
Image Tree Service, Inc.	Windsor	CA	D49 Tree Service	1000025029	6/30/2016	7/31/2017	719689
Northcoast Tree Care	Willits	CA	D49 Tree Service			11/30/2016	698593
Conklin Bros of Santa Rosa, Inc.	Santa Rosa	CA	D52 Window Covering	1000002175	6/30/2016	7/31/2016	248359
Class D-64 Non Specialized			D64 Non Specialized				
HAZ Hazardous Substance Removal Certification			HAZ Hazardous Substance Removal Certification				
Argonaut Constructors	Santa Rosa	CA	HAZ Hazardous Substance Removal Certification	1000002969	6/30/2016	12/31/2015	171432
Beacom Construction Company	Fortuna	CA	HAZ Hazardous Substance Removal Certification	1000010062	6/30/2016	11/30/2016	168923
Beacom Construction Company	Fortuna	CA	HAZ Hazardous Substance Removal Certification	1000010062	6/30/2016	11/30/2016	168923
Bowen Engineering & Environmental	Fresno	CA	HAZ Hazardous Substance Removal Certification	1000003520	6/30/2016	10/31/2016	656741
Cats 4U Inc	Healdsburg	CA	HAZ Hazardous Substance Removal Certification	1000005279	6/30/2016	3/31/2017	465781
Diede Construction Inc.	Woodbridge	CA	HAZ Hazardous Substance Removal Certification	1000002716	6/30/2016	12/31/2015	632667
Drill Tech Drilling & Shoring, Inc.	Antioch	CA	HAZ Hazardous Substance Removal Certification	1000004866	6/30/2016	1/31/2016	745354
Fieldstone Construction Company	Santa Rosa	CA	HAZ Hazardous Substance Removal Certification	1000026759; 1000026664	6/30/2016	5/31/2017	983863
Fort Bragg Electric Inc.	Fort Bragg	CA	HAZ Hazardous Substance Removal Certification	1000000561	6/30/2016	7/31/2016	391464
Green Right O'Way Constructors Inc.	Willits	CA	HAZ Hazardous Substance Removal Certification			10/31/2017	741568
Kernen Construction	Blue Lake	CA	HAZ Hazardous Substance Removal Certification	1000001810	6/30/2016	1/31/2017	504091
Plant Hazardous Services Inc	El Sobrante	CA	HAZ Hazardous Substance Removal Certification	1000006964	6/30/2016	8/31/2017	863366
Siri Grading & Paving Inc	Santa Rosa	CA	HAZ Hazardous Substance Removal Certification	1000001441	6/30/2016	1/31/2018	325681

PUBLIC NOTICE

DATE: November 3, 2015
FOR RELEASE: Immediately
SUBJECT: Application for Qualified Contractor's List
CONTACT: Ashley Cocco, Deputy City Clerk
(707) 463-5720

All Licensed Contractors who wish to be included on the City of Ukiah's list of qualified bidders for the year 2016, should submit the name and address to which Notice of Bids or Proposals should be mailed, a phone number at which the contractor may be reached, the type of work in which the contractor is interested and for which the contractor is currently licensed (e.g. earthwork, pipelines, electrical, painting, general building, etc.) together with the class of contractor's license or licenses held, and the contractor's license number(s) *(NOTE – Insurance forms are not necessary at this time.)*

A Qualified Contractor's List application form and insurance requirements may be obtained from the City Clerk or downloaded from the City of Ukiah's website: www.cityofukiah.com.

Completed forms should be submitted to:

City of Ukiah
ATTN: Ashley Cocco, Deputy City Clerk
300 Seminary Avenue, Ukiah, CA 95482

OR:
Fax to: (707) 463-6204

OR
Email: acocco@cityofukiah.com



APPLICATION FOR QUALIFIED CONTRACTOR'S LIST
PER PUBLIC CONTRACTS CODE § 22032

Full Name				Date	
Address					
Phone Number	()	Fax Number	()		
Email	@				
Name of Business					
Address (if different from above)					
Phone Number	()	Fax Number	()		
Email	@				
State of California Contractor's License Number				Expiration Date	
Classifications					
Insurance Provider (agent)					

The City of Ukiah requires that contractor(s) shall procure and maintain for the **duration of any contract** with the City of Ukiah insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work required.

Insurance forms and specific requirements are attached for your reference; please check with your agent to ensure your policy meets our requirements. These documents are not required until the contract is approved.

Mail, Fax, or Email completed form to:

CITY OF UKIAH
Attn: City Clerk
300 Seminary Avenue
Ukiah, CA 95482
FAX: 707-463-6204
acocco@cityofukiah.com



INSURANCE REQUIREMENTS FOR CONTRACTORS (with Construction Risks)

Contractor 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 Contractor, his agents, representatives, employees or subcontractors.

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. **Course of Construction** insurance covering for "all risks" of loss.

II. Minimum Limits of Insurance

Contractor 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. 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. Employer's Liability: \$1,000,000 per accident for bodily injury or disease.
- D. Course of Construction: Completed value of the project with no co-insurance penalty provisions.

***Dependent upon project scope, a higher or additional coverage may be required.**

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 Contractor 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 Contractor 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 Contractor'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 as workers' compensation policy.
- C. For any claims related to this project, the Contractor'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 Contractor'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.
- E. **Note: (This protects the Contractor)** –Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under Subdivision (b) of Section 2782 of Civil Code.
- F. **Course of construction policies shall contain the following provisions:**
- 1) The City shall be named as **loss payee**.
 - 2) The insurer shall **waive all rights of subrogation** against the City.

VI. **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.

VII. **Verification of Coverage**

Contractor shall furnish the City with original certificates and amendatory endorsements affecting 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.

VIII. **Subcontractors**

Contractor shall include all subcontractors as insured under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage for subcontractors shall be subject to all of the requirements stated herein.

If you have questions regarding our insurance requirements contact:

Risk Manager

707) 463-6287

FAX (707) 463-6204

Revised: 10/30/15

UKIAH CITY CODE §1541-1542

§1541 MAINTENANCE OF CONTRACTORS' LIST

In November of each year, the City Clerk shall cause a written notice to be mailed to all construction trade journals designated in Public Contracts Code Section 22036, inviting all licensed contractors to submit the name of their firm to the City for inclusion on the City's list of qualified bidders for the following calendar year. The notice shall require that the contractor provide the name and address to which a Notice to Contractors or Proposal should be mailed a phone number at which the contractor may be reached, the type of work in which the contractor is interested and for which the contractor is currently licensed (i.e., electrical, painting, general building, etc.) together with the class of contractor's license or licenses held and the contractor's license number(s). (Ord. 892, §2, adopted 1989)

§1542 REVISION OF CONTRACTORS' LIST

On January 1 of each year the City Council may create a new Contractors' List by adding any contractor's name they so desire to the existing Contractors' List. At a minimum, the Contractors' List must include all contractors who have properly provided the City with the information required under Section 1541, during the calendar year in which the list is valid. The City Clerk shall also include on the Contractors' List the names of all contractors who have submitted a valid bid to the City during the preceding calendar year. A contractor may have his/her firm added to the City's Contractors' List at any time by providing the information required under Section 1541, to the City Clerk and by making a request in writing to the Clerk that the contractor's firm be added to the list. (Ord. 892, §2, adopted 1989)

California Uniform Construction Cost Accounting Commission

Cost Accounting Policies and Procedures Manual



June 2015
Edition

Procedure for Establishment and Maintenance of List of Registered Contractors

1.04 Procedure for Establishment and Maintenance of List of Registered Contractors Per Section 22034 of the Public Contract Code

Section 22034 of the Public Contract Code specifies the requirements for mailing notices to contractors for work to be bid under the Act. As specified therein, an agency shall provide notices either by:

- a) mailing notices to all construction trade journals specified in Section 22036
 - b) mailing notices to all contractors on the list established by the agency for the work being paid
- or both (a) and (b)

In the event an agency elects to provide notice by mailing notices to all contractors on the list established by the agency for the work being bid, the agency shall utilize the following procedure to establish and maintain the list of registered contractors outlined in Section 22034 (a).

1. During November each year, each Public Agency which has elected to become subject to the Uniform Public Construction Cost Accounting Act and intends to utilize the notice provisions outlined in section 22034 (a) shall establish a new or update its existing list of registered contractors by mailing a written notice to all construction trade journals designated for that Agency under Section 22036, inviting all licensed contractors to submit the name of their firm to the Agency for inclusion on the Agency's list of qualified bidders for the following calendar year.
2. The notice shall require that the contractor provide the name and address to which a Notice to Contractors or Proposal should be mailed, a phone number at which the contractor may be reached, the type of work in which the contractor is interested and currently licensed to do (earthwork, pipelines, electrical, painting, general building, etc.) together with the class of contractor's license(s) held and contractor license numbers(s).
3. The Public Agency may create a new contractors list starting January 1 of each year. The Agency may include any contractor names it desires on the list, but the list must include, at a minimum, all contractors who have properly provided the Agency with the information required under #2 above, either during the calendar year in which the list is valid or during November or December of the previous year.

The Commission recommends that the Agency automatically include the names of all contractors who submitted one or more valid bids to the Agency during the preceding calendar year.

4. A contractor may have their firm added to an Agency's contractors list at any time by providing the required information.

1.05 County-by-County List of Construction Trade Journals

County-by-County List of Construction Trade Journals which shall receive written notice of all Informal and Formal Construction Contracts being bid for work per section 22036 of the Public Contract Code

Per Public Contract Code section 22037, notices inviting formal bids must be published at least 14 calendar days before the date of opening the bids in a newspaper of general circulation, printed and published in the jurisdiction of the public agency. In addition, the Commission has determined that all public agencies that adopt and contract under the Uniform Public Construction Cost Accounting Act shall be required to mail, e-mail, or fax, a notice to the following specified construction trade publications, of all formal construction contracts being bid and all invitations to join an agency's qualified bidders list (i.e. the informal bidding list) within the specified county (as provided in sections 22034 and 22037 of the Public Contract Code). The numbers following the name of each county refer to the corresponding numbered publications on the List of Construction Trade Journals beginning on page 9.

Users will note that the notification of the trade journals listed in Column B for their county is required. Additionally, the user will have to notify at least two (2) of the trade journals listed in Column C, unless there is only one listed, in which case notification of that trade journal is sufficient. The list of construction trade journals beginning on page 9 is more extensive. The Commission urges each public agency to select additional publications from its geographical area and include them on its list of publications to be notified. Sample information to be included in the mailed notice to trade journals is listed on page 8.

Note: Users are not required to mail a notice to a trade journal if the trade journal listed under their county is now charging for its services, or is out of business. Instead, the Commission requests that users find some other method of notifying potential contractors of published jobs and how to be added to their informal bidding lists (e.g. Internet – County's web page).

<u>COUNTY NAME</u>	<u>TRADE JOURNALS REQUIRED TO BE NOTIFIED</u>	<u>NOTIFY TWO OF THE TRADE JOURNALS LISTED BELOW</u>
ALAMEDA	2, 3	8, 11, 14, 15, 16, 17, 18, 19
ALPINE	2, 3	11
AMADOR	2, 3	11, 13, 20
BUTTE	2, 3	5, 6, 11, 12
CALAVERAS	2, 3	11, 19, 20, 23
COLUSA	2, 3	5, 6, 11
CONTRA COSTA	2, 3	8, 11, 15, 16, 17, 19
DEL NORTE	2, 3	4, 5, 11
EL DORADO	2, 3	10, 11, 12, 13, 16
FRESNO	2, 3	11, 19, 21, 23, 24, 25
GLENN	2, 3	5, 6, 11, 12
HUMBOLDT	2, 3	4, 5, 11
IMPERIAL	2, 3	29, 31
INYO	2, 3	25
KERN	2, 3	21, 23, 24, 25, 26, 31
KINGS	2, 3	21, 23, 24, 25
LAKE	2, 3	4, 5, 7, 8, 11, 16
LASSEN	2, 3	5, 11, 12
LOS ANGELES	2, 3	8, 29, 31, 36
MADERA	2, 3	11, 19, 21, 23
MARIN	2, 3	7, 8,
MARIPOSA	2, 3	11, 21, 23
MENDOCINO	2, 3	4, 7, 8, 11, 16
MERCED	2, 3	11, 19, 20, 21, 23

<u>COUNTY NAME</u>	<u>TRADE JOURNALS REQUIRED TO BE NOTIFIED</u>	<u>NOTIFY TWO OF THE TRADE JOURNALS LISTED BELOW</u>
MODOC	2, 3	5, 11
MONO	2, 3	11
MONTEREY	2, 3	11, 18, 22, 26
NAPA	2, 3	7, 8, 9, 11, 16
NEVADA	2, 3	10, 11, 12, 13
ORANGE	2, 3	29, 31, 35
PLACER	2, 3	10, 11, 12, 13, 16
PLUMAS	2, 3	5, 6, 11, 12
RIVERSIDE	2, 3	29, 31, 35
SACRAMENTO	2, 3	5, 8, 10, 11, 12, 13, 16, 19
SAN BENITO	2, 3	11, 22
SAN BERNARDINO	2, 3	29, 31, 35
SAN DIEGO	2, 3	29, 31, 35
SAN FRANCISCO	2, 3	8, 11, 14, 15, 16, 17, 18
SAN JOAQUIN	2, 3	8, 11, 19, 20, 21, 23
SAN LUIS OBISPO	2, 3	22, 25, 26, 27, 31, 36, 37
SAN MATEO	2, 3	8, 14, 15, 17, 18
SANTA BARBARA	2, 3	26, 27, 28, 31, 36, 37
SANTA CLARA	2, 3	8, 11, 14, 15, 16, 17, 18
SANTA CRUZ	2, 3	18, 22
SHASTA	2, 3	4, 5, 11
SIERRA	2, 3	11, 12
SISKIYOU	2, 3	5, 11
SOLANO	2, 3	8, 9, 10, 11, 16, 19
SONOMA	2, 3	7, 8, 11, 16
STANISLAUS	2, 3	11, 19, 20, 21, 23
SUTTER	2, 3	6, 10, 11, 12
TEHAMA	2, 3	5, 11, 12
TRINITY	2, 3	4, 5, 11
TULARE	2, 3	23, 24, 25
TUOLUMNE	2, 3	11, 20, 23
VENTURA	2, 3	27, 31, 36, 37
YOLO	2, 3	8, 10, 11, 13
YUBA	2, 3	6, 10, 11, 12

1.06 Sample Information for Mailed Notice

Following are the types of information that could be included in the mailed notice to the construction trade journals. This list should be used only as a guide.

Project title and contract # (if any)

Cost range

Location of site

Who is taking bids/date and time due

Owner's address and phone number

Architect's address and phone number

Brief description of work to be done

Where plans may be obtained/Deposit required/Whether or not refundable

Percentage of bid bond/Percentage of performance bond/Percentage of payment bond

1.07 List of Construction Trade Journals

The following organizations have indicated to the Commission that they:

- a) Publish a newsletter or trade journal, on a weekly or more frequent basis, that contains a section listing projects being bid; or provide a telephone notice service to their members.
- b) Do not charge for publishing or otherwise disseminating a Notice to Contractors.

These organizations have indicated to the Commission that they serve subscribers or members in the counties listed to the right of each organization.

Organizations that meet criteria (a) and (b) above may be added to the list, or changes or corrections can be made to the list by contacting:

Office of the State Controller
Division of Accounting and Reporting
Local Government Policy Section
P. O. Box 942850
Sacramento, CA 94250

ORGANIZATION		AREAS OF MEMBERS OR SUBSCRIBERS BY COUNTY
1	CMD (Construction Market Data) Document Processing Center 30 Technology Parkway South, Suite 500 Norcross, GA 30092-2912 Phone: 800-424-3996 e-mail: docprocessing@cmdgroup.com	California
2	Construction Bidboard (eBidboard) Attn: James Moriarty -CEO 11622 El Camino Real San Diego, CA 92130 Phone: 800-479-5314 Fax: 619-688-0585 e-mail: planroom@ebidboard.com	California
3	McGraw-Hill Construction Dodge 148 Princeton Hightstown Rd, N-1 Hightstown, NJ 08520 Phone: 609-426-7403 Fax: 888-359-5520 Jason.szafranski@mhfi.com www.construction.com	California

ORGANIZATION	AREAS OF MEMBERS OR SUBSCRIBERS BY COUNTY
4 Humboldt Builders' Exchange, Inc. 624 C Street Eureka, CA 95501-0341 Phone: 707-442-3708 Fax: 707-442-6051 e-mail: hbe-info@humbx.com www.humbx.com	Del Norte, Humboldt, Lake, Mendocino, Shasta, and Trinity
5 Shasta Builders' Exchange 2990 Innsbrook Drive Redding, CA 96003-9303 Phone: 530-221-5556 Fax: 530-221-2140 e-mail: info@shastabe.com www.shastabe.com	Butte, Colusa, Del Norte, Glenn, Humboldt, Lake, Lassen, Modoc, Plumas, Sacramento, Shasta, Siskiyou, Tehama, and Trinity
6 Valley Contractors Exchange, Inc. 951 East Eighth Street Chico, CA 95928 Phone: 530-343-1981 Fax: 530-343-3503 e-mail: kate@vceonline.com www.vceonline.com	Butte, Colusa, Glenn, Plumas, Sutter, and Yuba
7 North Coast Builders Exchange 1030 Apollo Way Santa Rosa, CA 95407 Phone: 707-542-9502 Fax: 707-542-2027 e-mail: keith@ncbeonline.com www.ncbeonline.com	Lake, Marin, Mendocino, Napa, and Sonoma
8 Marin Builders Association 660 Las Gallinas Avenue San Rafael, CA 94903 Phone: 415-462-1220 Fax: 415-462-1225 e-mail: mba@marinba.org www.marinba.org	Alameda, Contra Costa, Lake, Los Angeles, Marin, Mendocino, Napa, Sacramento, San Francisco, San Joaquin, San Mateo, Santa Clara, Solano, Sonoma, and Yolo
9 Solano-Napa Builders Exchange 135 Camino Dorado Napa, CA 94558-6213 Phone: 707-255-2515 Fax: 707-255-2749 e-mail: membership@snbe.com www.snbe.com	Napa and Solano

ORGANIZATION	AREAS OF MEMBERS OR SUBSCRIBERS BY COUNTY
10 Sacramento Builders' Exchange 1331 T Street P.O. Box 1462 Sacramento, CA 95812-1462 Phone: 916-442-8991 Fax: 916-446-3117 e-mail: yelenam@sacregionbx.com www.sacregionbx.com	El Dorado, Nevada, Placer, Sacramento, Solano, Sutter, Yolo, and Yuba
11 Placer County Contractors Association, Inc. 10656 Industrial Avenue, Suite 160 Roseville, CA 95678 Phone: 916-771-7229 Fax: 916-771-0556 e-mail: planroom@placerbx.com www.pccamembers.com	Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, Santa Clara, Shasta, Sierra, Siskiyou, Stanislaus, Solano, Sonoma, Sutter, Tehama, Trinity, Tuolumne, Yolo, and Yuba
12 Nevada County Contractors' Association 149n Crown point Court Grass Valley, CA 95945 Phone: 530-274-1919 Fax: 530-274-3373 e-mail: nccaexec@pacbell.net www.nccabuildingpros.com	Butte, El Dorado, Glenn, Lassen, Nevada, Placer, Plumas, Sacramento, Sierra, Sutter, Tehama, and Yuba
13 El Dorado Builders' Exchange 3430 Robin Lane, No. 7 Cameron Park, CA 95682 Phone: 530-672-2955 Fax: 530-672-2985 e-mail: director@goodbuilders.org www.goodbuilders.org	Amador, El Dorado, Nevada, Placer, Sacramento, and Yolo
14 The San Francisco Builders Exchange 850 South Van Ness Avenue San Francisco, CA 94110-1911 Phone: 415-282-8220 Fax: 415-821-0363 e-mail: denna@bxosf.com www.bxosf.com	Alameda, San Francisco, San Mateo, and Santa Clara
15 Bay Area Builders' Exchange 3055 Alvarado Street San Leandro, CA 94577 Phone: 510-483-8880 Fax: 510-352-1509 e-mail: spleary@beac.com www.beac.com	Alameda, Contra Costa, San Francisco, San Mateo, and Santa Clara

ORGANIZATION	AREAS OF MEMBERS OR SUBSCRIBERS BY COUNTY
16 Bay Area Builders Exchange 2440 Stanwell Drive, Suite B Concord, CA 94520-4801 Phone: 925-685-8630 Fax: 925-685-3424 e-mail: info@bayareabx.com www.bayareabx.com	Alameda, Contra Costa, El Dorado, Lake, Mendocino, Napa, Placer, Sacramento, San Francisco, Santa Clara, Solano, and Sonoma
17 Peninsula Builders Exchange 735 Industrial Road San Carlos, CA 94070 Phone: 650-591-4486 Fax: 650-591-8108 e-mail: tom@constructionplans.org www.constructionplans.org	Alameda, Contra Costa, San Francisco, San Mateo, and Santa Clara
18 Builders' Exchange of Santa Clara County 400 Reed Street Santa Clara, CA 95050 Phone: 408-727-4000 Fax: 408-727-2779 e-mail: mm@bxscoco.com www.bxscoco.com	Alameda, Monterey, San Francisco, San Mateo, Santa Clara, and Santa Cruz
19 Builders' Exchange of Stockton 7500 West Lane Stockton, CA 95210 Phone: 209-478-1000 Fax: 209-478-2132 e-mail: jluna@besonline.com www.besonline.com	Alameda, Calaveras, Contra Costa, Fresno, Madera, Merced, Sacramento, San Joaquin, Solano, and Stanislaus
20 Valley Builders Exchange, Inc. 1118 Kansas Avenue Modesto, CA 95351 Phone: 209-522-9031 Fax: 209-522-0616 e-mail: kbowden@valleybx.com www.valleybx.com	Amador, Calaveras, Merced, San Joaquin, Stanislaus, and Tuolumne
21 Builders Exchange of Merced & Mariposa 415 W. 18 th Street, Suite 7 Merced, CA 95340 Phone: 209-722-3612 Fax: 209-722-0207 e-mail: info@bxmm.org www.bxmm.org	Fresno, Kern, Kings, Madera, Mariposa, Merced, San Joaquin, and Stanislaus

Public Works Reforms (SB 854) - Important Information for Awarding Bodies

The public works reforms brought about by Senate Bill 854 (Stat. 2014, chapter 28) made several changes to the laws governing how the Department of Industrial Relations (DIR) monitors compliance with prevailing wage requirements on public works projects. Some of these changes modify the responsibilities of awarding bodies, including by eliminating the obligation to pay DIR for compliance monitoring on state bond-funded projects. Some of SB 854's changes went into effect immediately (because the bill was adopted as an urgency measure), but others will be phased in as outlined below.

The awarding body (AB) is still responsible for administering its project and ensuring that public funds are used appropriately. As partners with DIR's Public Works Enforcement team, ABs must also ensure that all public works contractors are in compliance with all labor laws.

Some aspects of the reforms went into effect immediately, while others were phased in.

Immediate changes:

- **Duty to notify DIR when awarding a contract for a public works project, using the online [PWC-100 form](#).** This requirement, found in Labor Code Section 1773.3, now applies to *all* public works projects. Previously it applied to projects subject either to apprenticeship or DIR compliance monitoring requirements.
- **Elimination of the obligation to pay DIR for compliance monitoring on state bond-funded projects and other projects that required use of DIR's Compliance Monitoring Unit (CMU).** As of June 20, 2014 (the effective date of the public works reforms), DIR continues to monitor compliance on these projects but does not charge awarding bodies for any services provided. The alternative of using a DIR-approved Labor Compliance Program (LCP) or a project labor agreement in lieu of the CMU on one of these projects was also eliminated. However, for ongoing projects that were using one of the alternatives, monitoring should continue until the project is completed.

Phased-in changes:

I. PUBLIC WORKS CONTRACTOR REGISTRATION PROGRAM

- **All contractors and subcontractors who bid or work on a public works project must register and pay an annual fee to DIR.** The phase-in timetable is as follows:

July 1, 2014: Registration program became effective and first contractors registered. Initial registrations will be valid through June 30, 2015.

March 1, 2015: No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with DIR.

April 1, 2015: No contractor or subcontractor may work on a public works project unless registered with DIR. No projects bid before March 1, 2015, or awarded prior to April 1, 2015 will trigger the registration requirements.
- **Once the registration requirement becomes mandatory (March 1, 2015 for bids and April 1, 2015 for projects awarded), an awarding body may not accept a bid or enter into a contract for public work with an unregistered contractor.**
 - DIR maintains an up-to-date [listing of registered contractors](#).
 - There are *exceptions* to the registration requirement for bidders in circumstances where a CSLB license would not be required at the time of bidding.
 - Additional exceptions and protections are included in the registration laws to limit bid challenges, allow some violations to be cured through payment of penalty fees, and allow unregistered contractors to be replaced with registered ones.

**AGENDA SUMMARY REPORT**

SUBJECT: REPORT TO COUNCIL ON THE RENEWAL OF THE TECHNICAL SERVICE SUPPORT AGREEMENT WITH PHYSIO-CONTROL AND AUTHORIZE CORRESPONDING BUDGET AMENDMENT.

Summary: Council will consider a report regarding the renewal of the Technical Service Support Agreement with Physio-Control for annual inspections and service of cardiac monitors.

Background: The Ukiah Fire Department owns three LifePak12 and two LifePak15 cardiac monitors, manufactured by Medtronic Physio-Control, four of which are capable of advanced life support (ALS) procedures. We also own a LUCUS CPR device purchased with the help of Kiwanis. The maintenance and software updates of these monitors are essential to provide lifesaving services.

Discussion: On July 1, 2007, a technical service support agreement went into effect for five years on all of the monitors. This agreement was for inspection only services, which are required annually. The contract was originally put into place when the monitors were new, and had three-year warranties. The contract was amended to cover vital repairs in September of 2010 with Council approval. In 2012, the contract was renewed with Council approval. That contract ended in 2015 and is to be renewed until 2018.

To offset the cost of future repairs, and increase the useful life of the monitors, staff renewed the Technical Service Support Agreement to cover repairs, maintenance, and battery replacements of these two advanced monitors for a three-year term.

The cost of the three-year contract is \$16,808.78 to be paid in annual installments (Attachment #1). The 2015 payment is \$4,596.78 and the next two installments of \$6,106.00. Currently, \$3,438.00 is budgeted in the FY 2015/16 Budget, thus requiring a budget amendment in the amount of \$1,158.78 for FY 2015/16. The subsequent installments will be budgeted in the corresponding fiscal years.

FISCAL IMPACT:				
Budgeted Amount in 15-16 FY	New Appropriation Source of Funds (Title & No.)	Account Number	Budget Amendment Required	Previous Contract or Purchase Order No.
\$ 3,438.00	Maintenance contract for defibrillators	10521210.52111	Yes ☐ No ☒	COU No. 1516-148
\$ 1,158.78	Maintenance contract for defibrillators	10521210.52111	Yes ☒ No ☐	(same)

RECOMMENDED ACTION(S): Receive report of the renewal of the Technical Service Support Agreement with Physio-Control for a total of \$16,808.00 over the three-year period of 2015 – 2018, and approve corresponding budget amendment.

ALTERNATIVES: N/A

Citizens advised: None.
Requested by: Kirk Thomsen, Fire/EMS Division Chief.
Prepared by: Kirk Thomsen, Fire/EMS Division Chief.
Coordinated with: Sage Sangiacomo, City Manager; John Bartlett, Fire Chief; and Mary Horger, Purchasing Supervisor.
Presenter: Kirk Thomsen, Fire/EMS Division Chief.
Attachments: #1 Physio-Control Contract.

COUNCIL ACTION DATE: _____: ☐ Approved ☐ Continued to _____ ☐ Other _____

RECORDS APPROVED: ☐ Agreement: _____ ☐ Resolution: _____ ☐ Ordinance: _____

Note: Please write Agreement No. in upper right corner of agreement when drafted..

Approved: 
Sage Sangiacomo, City Manager

TECHNICAL SERVICE SUPPORT AGREEMENT**PHYSIO
CONTROL**

Contract Number: COU No. 1516-148

End User # 10077001
CITY OF UKIAH
300 SEMINARY AVE
UKIAH, CA 95482Bill To # 10077001
CITY OF UKIAH
300 SEMINARY AVE
UKIAH, CA 95482

This Technical Service Support Agreement begins on 7/1/2015 and expires on 6/30/2018.

The designated Covered Equipment and/or Software is listed on Schedule A. This Technical Service Agreement is subject to the Terms and Conditions on the reverse side of this document and any Schedule B, if attached. If any Data Management Support and Upgrade Service is included on Schedule A then this Technical Service Support Agreement is also subject to Physio-Control's Data Management Support and Upgrade Service Terms and Conditions, rev 7/99-1.

Price of coverage specified on Schedule A is \$16,808.78 per term, payable in Annual installments.

Special Terms15% DISCOUNT ON ACCESSORIES
15% DISCOUNT ON ALL ELECTRODES

Accepted: Physio-Control, Inc.

Customer:

By:

By:

Title:

Print:

Date:

Title:

Date:

Purchase Order Number:

Territory Rep: WENN65
Trevyn Haller
Phone:
FAX: 800-772-3340Customer Contact:
Div.Chief Kirk Thomsen
Phone: (707) 462-7921 x 405
FAX: (707) 462-2918Reference Number: AC-0272
Printed: 10/28/2015New
Page 1 of 7

PHYSIO-CONTROL, INC.
TECHNICAL SERVICE SUPPORT AGREEMENT TERMS AND CONDITIONS

Customer's signature on this Agreement or a valid purchase order referencing this Technical Service Support Agreement is required prior to Physio-Control's acceptance and performance of this Agreement. This Agreement covers only the equipment listed on Schedule A ("Covered Equipment"). These terms constitute the complete agreement between the parties and they shall govern over any other documents, including Customer's purchase order. These terms may not be revised in any manner without the prior written consent of Physio-Control.

SERVICES. The Services provided under this Agreement are set forth on Schedule A. Physio-Control strives, but does not guarantee, to return service calls within two (2) hours and to resolve service issues within twenty-four (24) hours. Following Services, Physio-Control will provide Customer with a written report of actions taken or recommended and identification of any materials replaced or recommended for replacement. The following Services are available and further described as they relate to each specific Physio-Control device on Schedule B:

"Repair Plus Service" or "Repair Only Service" means repairs, Battery Replacement Service, parts and labor necessary to restore Covered Equipment to original specifications, subject to Exclusions (as set forth below).

"Preventative Maintenance" or "Inspection Only Service" means inspection and adjustment to maintain Covered Equipment in satisfactory operating condition. Inspections include tests, measurements, and a thirty-point evaluation of Covered Equipment. Covered Equipment is properly calibrated, mechanical operations are checked and adjusted, if necessary, and output measurements are verified to function properly. Electrical safety checks are also performed in accordance with National Fire Protection Association (NFPA) guidelines. Preventative Maintenance and Inspection Only Service are subject to Exclusions.

"Comprehensive Service" or "Repair & Inspect Service" means repairs, Battery Replacement Service, parts and labor necessary to restore Covered Equipment to original specifications, and inspections to verify proper device calibration, mechanical operations and output measurements, electrical safety check in accordance with NFPA guidelines, and Updates (as set forth below), subject to Exclusions.

"Battery Replacement Service" means replacement of batteries on a one-for-one, like-for-like basis, up to the number of batteries and/or devices listed in Schedule A. Only batteries manufactured or distributed by Physio-Control are eligible for replacement. Battery replacement is available upon Customer notification to Physio-Control of the occurrence of: (i) battery failure as determined by Customer's performance testing and evaluation in accordance with the applicable Operating Instructions; or (ii) as recommended in the applicable device's Operating Instructions.

At the discretion of Physio-Control, battery replacement shall be effected by shipment to Customer and replacement by Customer, or by on-site delivery and replacement by a Physio-Control Service Technician. Upon Customer's receipt of a replacement battery, the battery being replaced shall become the property of Physio-Control, and Customer must return the battery being replaced to Physio-Control for proper disposal. In the event that Physio-Control does not receive the battery being replaced, Physio-Control will invoice Customer the then-current rate for the replacement battery.

"On-Site Service" means that a Physio-Control factory-trained technician will provide Services at Customer's location. Services will be performed between 8:00am and 5:00pm local time, Monday through Friday, excluding holidays. Customer is to ensure Covered Equipment is available for Services at scheduled times. Some Services may not be completed On-Site. Physio-Control will cover travel and/or round-trip freight for Covered Equipment that must be sent to our designated facility for repair.

"Ship-In Service" means that Services will be performed at Physio-Control's designated facility. Physio-Control will cover round-trip freight for Covered Equipment that is sent to our designated facility for Services.

If Covered Equipment is not available when Services are scheduled or Customer requests services or goods not covered by this Agreement or outside of designated Services frequency or hours, Physio-Control will charge Customer for such services at 10% off Physio-Control's standard rates (including overtime, if appropriate) and applicable travel costs in addition to the contract price. Repair parts required for such repairs will be made available at 15% off the then-current list price.

EXCLUSIONS. Unless otherwise specified, Services do not include the following Exclusions:

- ☐ supply or repair of accessories or disposables
- ☐ repair of damage caused by misuse, abuse, abnormal operating conditions, operator errors, acts of God, and use of batteries, electrodes, or other products not distributed by Physio-Control
- ☐ case changes
- ☐ repair or replacement of items not originally distributed or installed by Physio-Control
- ☐ Upgrades, and installation of Upgrades
- ☐ battery maintenance, performance testing, evaluation, removal, and recycling

LOANERS. If Covered Equipment must be removed from use to complete Services, Physio-Control will strive to provide Customer with a similar loaner device until the Covered Equipment is returned. Customer assumes complete responsibility for the loaner and shall return the loaner at Customer's expense to Physio-Control in the same condition as received, upon the earlier of the return of the

removed Covered Equipment or Physio-Control's request.

UPDATES. "Update" means a change to a device to enhance its current features, stability, or software. If Comprehensive Service or Repair & Inspect Service is designated for Covered Equipment on Schedule A, Physio-Control will install Updates at no additional cost, provided such Updates are installed at the time of regularly scheduled Services. Updates installed on Covered Equipment designated on Schedule A as Repair Plus Service, Repair Only Service, Preventative Maintenance Service, Inspection Only Service, or at a time other than regularly scheduled Comprehensive Service or Repair & Inspect Service, will be billed on a separate invoice at 20% off the then-current list price of the Update. For all Service plans, if parts must be replaced to accommodate installation of new software, such parts may be purchased at a rate of 30% off the then-current list price.

UPGRADES. "Upgrade" means a major, standalone version of software or the addition of features or capabilities to a device. For all Service plans, Upgrades must be purchased separately and are not provided under this Agreement. Upgrades are available at a rate of 17% off the then-current list price.

PRICING. Pricing is set forth on the first page of this Agreement, on the Quote for Services, and/or on the Invoice for the Services purchased. Prices do not include taxes. Sales, service or use taxes will be invoiced in addition to the price of the goods and Services covered by this Agreement unless Physio-Control receives a copy of a valid exemption certificate. If the number or configuration of Covered Equipment changes during the Term, pricing shall be pro-rated accordingly. For Preventative Maintenance Service, Inspection Only Service, Comprehensive Service, and Repair & Inspect Service, no pricing deduction will be made for removal of Covered Equipment if preventative maintenance and inspection have already been performed during the Term and no further preventative maintenance and inspection are scheduled to occur. Discounts may not be combined with other special terms, discounts, and/or promotions.

PAYMENT. Payment is due within thirty (30) days of invoice date.

WARRANTY. Physio-Control warrants Services performed under this Agreement and repair/replacement parts provided in performing such Services against defects in material and workmanship for ninety (90) days from the date Services were performed or a repair/replacement part was provided. Customer's sole remedy shall be reservicing the affected Covered Equipment and/or replacement of any part determined to be defective, without additional charge, provided Customer notifies Physio-Control of any allegedly defective condition within ten (10) calendar days of its discovery by Customer. Physio-Control makes no other warranties, express or implied, including, without limitation, NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND IN NO EVENT SHALL PHYSIO-CONTROL BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR OTHER DAMAGES.

TERM. The Term of this Agreement is set forth on the first page of this document, or in the Quote and/or Invoice for the Services purchased. This Agreement shall automatically renew unless terminated by either party with written notice thirty (30) days prior to the expiration of the then-current Term. Prices are subject to change upon renewal.

TERMINATION. Either party may terminate this Agreement for material breach by the other party by providing thirty (30) days' written notice to the other party, and provided such breach is not cured within the notice period. In addition, either party may terminate this Agreement at any time upon sixty (60) days' prior written notice to the other party. In the event of such early termination by Customer, Customer shall be responsible for the portion of the designated price which corresponds to the portion of the Term prior to the effective date of termination and the list-price cost of any preventative maintenance, inspections, or repairs rendered during the Term.

DELAYS. Physio-Control will not be liable for any loss or damage of any kind due to its failure to perform or delays in its performance resulting from any cause beyond its reasonable control, including, but not limited to, acts of God, labor disputes, labor shortages, the requirements of any governmental authority, war, civil unrest, delays in manufacture, obtaining any required license or permit, and Physio-Control's inability to obtain goods from its usual sources. Any such delay shall not be considered a breach of Physio-Control's obligations and the performance dates shall be extended for the length of such delay.

DEVICE INSPECTION BEFORE ACCEPTANCE. Any device that is not covered by either a Physio-Control Limited Warranty or a current Physio-Control Technical Service Support Agreement must be inspected and repaired (if necessary) to meet original specifications at customer's cost at the then-current list prices prior to being covered under a Technical Service Support Agreement. Physio-Control reserves the right to refuse to support any device that has been remanufactured by a company other than Physio-Control.

MISCELLANEOUS. (a) During the Term of this Agreement and for one (1) year following its expiration, without Physio-Control's prior written consent, Customer agrees to not to solicit or offer employment to anyone who is employed by Physio-Control to provide Services such as those described in this Agreement; (b) this Agreement, and any related obligation of other party, may not be assigned in whole or in part without the prior written consent of the other party; (c) this Agreement shall be governed by the laws of the State in which the Services are provided; (d) all costs and expenses incurred by the prevailing party related to the enforcement of its rights under this Agreement, including reasonable attorney's fees, shall be reimbursed by the other party.

PHYSIO-CONTROL, INC.
TECHNICAL SERVICE SUPPORT AGREEMENT
SCHEDULE A

Contract Number:

Servicing Rep: Trevyn Haller, WENN65
District: WEST
Phone:
FAX: 800-772-3340

Equipment Location: CITY OF UKIAH, 10077001
300 SEMINARY AVE
UKIAH, CA 95482

Scope Of Service On Site Preventative Maintenance

Model	Part Number	Serial Number	Ref. Line	Effective Date	Expiration Date	Total Inspections
LIFEPAK® 12	VLP12-02-003549	30238374	1	7/1/2015	6/30/2018	3
LIFEPAK® 12	VLP12-02-003549	30238375	2	7/1/2015	6/30/2018	3

Scope Of Service On Site Preventative Maintenance; Ship In Repair Plus

Model	Part Number	Serial Number	Ref. Line	Effective Date	Expiration Date	Total Inspections
LIFEPAK® 12	VLP12-02-005985	34194117	3	7/1/2015	6/30/2018	3

Equipment Location: UKIAH FD, 10077004
300 SEMINARY AVE
UKIAH, CA 95482

Scope Of Service On Site Preventative Maintenance; Ship In Repair Plus

Model	Part Number	Serial Number	Ref. Line	Effective Date	Expiration Date	Total Inspections
LIFEPAK® 15	V15-5-000587	43325140	5	4/12/2016	6/30/2018	2
LUCAS US	3302430-091	30136243	6	7/1/2015	6/30/2018	3

Equipment Location: UKIAH VALLEY FIRE DIST, 22008701
1500 S STATE ST
UKIAH, CA 95482

Scope Of Service On Site Preventative Maintenance; Ship In Repair Plus

Model	Part Number	Serial Number	Ref. Line	Effective Date	Expiration Date	Total Inspections
LIFEPAK® 15	V15-2-001565	42961944	4	11/16/2015	6/30/2018	2

** Denotes an inventory line that has changed since the last contract revision or addendum.

PHYSIO-CONTROL, INC.
TECHNICAL SERVICE SUPPORT AGREEMENT
SCHEDULE B

LIFEPAK® 15 Monitor/Defibrillator Services

LIFEPAK® 15 Monitor/Defibrillator Comprehensive Service

- Inspections at intervals set forth on Schedule A
 - Parts and labor necessary to restore device to original specifications, subject to Exclusions
 - Standard detachable hard paddles repair or replacement
 - REDI-CHARGE® battery charger (Catalog# 11141-000115) repair or replacement of one for each LIFEPAK 15 Monitor/Defibrillator listed in Schedule A and as determined necessary by Physio-Control
 - Power Adapter repair or replacement
 - Battery Replacement Service
- o For each LIFEPAK 15 listed on Schedule A, replacement of up to three (3) LIFEPAK Lithium-ion batteries in accordance with the device Operating Instructions, or upon battery failure
- Updates installed at no additional cost, provided such Updates are installed at the time of regularly scheduled Services. If parts must be replaced to accommodate installation of new software, such parts may be purchased at a rate of 30% off the then-current list price.

LIFEPAK® 15 Monitor/Defibrillator Repair Plus Service

- Parts and labor necessary to restore device to original specifications, subject to Exclusions
 - Standard detachable hard paddles repair or replacement
 - REDI-CHARGE® battery charger (Catalog# 11141-000115) repair or replacement of one for each LIFEPAK 15 Monitor/Defibrillator listed in Schedule A and as determined necessary by Physio-Control
 - Power Adapter repair or replacement
 - Battery Replacement Service
- o For each LIFEPAK 15 listed on Schedule A, replacement of up to three (3) LIFEPAK Lithium-ion batteries in accordance with the device Operating Instructions, or upon battery failure
- Updates installed at 20% off the then-current list price provided such Updates are installed at the time of regularly scheduled Services. If parts must be replaced to accommodate installation of new software, such parts may be purchased at a rate of 30% off the then-current list price.

LIFEPAK® 15 Monitor/Defibrillator Preventative Maintenance Service

- Inspections at intervals set forth on Schedule A
- Updates installed at 20% off the then-current list price provided such Updates are installed at the time of regularly scheduled Services. If parts must be replaced to accommodate installation of new software, such parts may be purchased at a rate of 30% off the then-current list price.

PHYSIO-CONTROL, INC.
TECHNICAL SERVICE SUPPORT AGREEMENT
SCHEDULE B

LIFEPAK® 12 Defibrillator/Monitor Services

LIFEPAK® 12 Defibrillator/Monitor Comprehensive Service

- Preventative maintenance and inspections at intervals set forth on Schedule A
- Parts and labor necessary to restore device to original specifications, subject to Exclusions
- Standard detachable hard paddles repair or replacement
- REDI-CHARGE® battery charger (Catalog# 11141-000115) repair or replacement of one for each LIFEPAK 12 Defibrillator/Monitor listed in Schedule A and as determined necessary by Physio-Control
- Power Adapter repair or replacement
- Battery Replacement Service
 - o Replacement of failed internal coin cell batteries; and
 - o For each LIFEPAK 12 listed on Schedule A, replacement of up to four (4) Physio-Control FASTPAK® batteries, FASTPAK 2 batteries, LIFEPAK SLA batteries, LIFEPAK NiCd batteries in accordance with the device Operating Instructions, or upon battery failure; or
 - o For each LIFEPAK 12 listed on Schedule A, replacement of up to three (3) LIFEPAK Lithium-ion batteries in accordance with the device Operating Instructions, or upon battery failure
- Updates installed at no additional cost, provided such Updates are installed at the time of regularly scheduled Services. If parts must be replaced to accommodate installation of new software, such parts may be purchased at a rate of 30% off the then-current list price.

LIFEPAK® 12 Defibrillator/Monitor Repair Plus Service

- Parts and labor necessary to restore device to original specifications, subject to Exclusions
- Standard detachable hard paddles repair or replacement
- REDI-CHARGE® battery charger (Catalog# 11141-000115) repair or replacement of one for each LIFEPAK 12 Defibrillator/Monitor listed in Schedule A and as determined necessary by Physio-Control
- Power Adapter repair or replacement
- Battery Replacement Service
 - o Replacement of failed internal coin cell batteries; and
 - o For each LIFEPAK 12 listed on Schedule A, replacement of up to four (4) Physio-Control FASTPAK® batteries, FASTPAK 2 batteries, LIFEPAK SLA batteries, LIFEPAK NiCd batteries in accordance with the device Operating Instructions, or upon battery failure; or
 - o For each LIFEPAK 12 listed on Schedule A, replacement of up to three (3) LIFEPAK Lithium-ion batteries in accordance with the device Operating Instructions, or upon battery failure
- Updates installed at 20% off the then-current list price provided such Updates are installed at the time of regularly scheduled Services. If parts must be replaced to accommodate installation of new software, such parts may be purchased at a rate of 30% off the then-current list price.

LIFEPAK® 12 Defibrillator/Monitor Preventative Maintenance Service

- Preventative maintenance and inspections at intervals set forth on Schedule A
- Updates installed at 20% off the then-current list price provided such Updates are installed at the time of regularly scheduled Services. If parts must be replaced to accommodate installation of new software, such parts may be purchased at a rate of 30% off the then-current list price.

PHYSIO-CONTROL, INC.
TECHNICAL SERVICE SUPPORT AGREEMENT
SCHEDULE B

LUCAS® 1 Chest Compression System Services
(LUCAS 1 Service is Ship-in Service only)

LUCAS® 1 Chest Compression System Comprehensive Service (Ship-In Service Only)

- Inspections at intervals set forth on Schedule A
- Parts and labor necessary to restore Covered Equipment to original specifications, subject to Exclusions
- Cleaning of the hood and bellows exterior
- Replacement of suction cup and patient straps, if necessary
- Updates installed at no additional cost, provided such Updates are installed at the time of regularly scheduled Services. If parts must be replaced to accommodate installation of new software, such parts may be purchased at a rate of 30% off the then-current list price

LUCAS® 1 Chest Compression System Repair Plus Service (Ship-in Service Only)

- Parts and labor necessary to restore Covered Equipment to original specifications, subject to Exclusions
- Updates installed at 20% off the then-current list price provided such Updates are installed at the time of regularly scheduled Services. If parts must be replaced to accommodate installation of new software, such parts may be purchased at a rate of 30% off the then-current list price

LUCAS® 1 Chest Compression System Preventative Maintenance Service (Ship-in Service Only)

- Inspections at intervals set forth on Schedule A
- Cleaning of the hood and bellows exterior
- Replacement of suction cup and patient straps, if necessary
- Updates installed at 20% off the then-current list price provided such Updates are installed at the time of regularly scheduled Services. If parts must be replaced to accommodate installation of new software, such parts may be purchased at a rate of 30% off the then-current list price

LUCAS® 2 Chest Compression System Services

LUCAS® 2 Chest Compression System Comprehensive Service

- Inspections at intervals set forth on Schedule A
- Parts and labor necessary to restore Covered Equipment to original specifications, subject to Exclusions
- Battery Replacement Service
 - For each LUCAS 2 listed on Schedule A, replacement of one (1) LUCAS 2 battery in accordance with the device Operating Instructions, or upon battery failure
- Cleaning of the hood and bellows exterior
- Replacement of suction cup and patient straps, if necessary
- Updates installed at no additional cost, provided such Updates are installed at the time of regularly scheduled Services. If parts must be replaced to accommodate installation of new software, such parts may be purchased at a rate of 30% off the then-current list price

LUCAS® 2 Chest Compression System Repair Plus Service

- Parts and labor necessary to restore device to original specifications, subject to Exclusions
- Battery Replacement Service
 - For each LUCAS 2 listed on Schedule A, replacement of one (1) LUCAS 2 battery in accordance with the device Operating Instructions, or upon battery failure
- Updates installed at 20% off the then-current list price provided such Updates are installed at the time of regularly scheduled Services. If parts must be replaced to accommodate installation of new software, such parts may be purchased at a rate of 30% off the then-current list price

LUCAS® 2 Chest Compression System Preventative Maintenance Service

- Inspections at intervals set forth on Schedule A
- Cleaning of the hood and bellows exterior
- Replacement of suction cup and patient straps, if necessary
- Updates installed at 20% off the then-current list price provided such Updates are installed at the time of regularly scheduled Services. If parts must be replaced to accommodate installation of new software, such parts may be purchased at a rate of 30% off the then-current list price



ITEM NO.: 7c

MEETING DATE: January 6, 2016

AGENDA SUMMARY REPORT

SUBJECT: REPORT OF ACQUISITION OF PROFESSIONAL SERVICES FROM ALPHA ANALYTICAL LABORATORIES, INC. FOR QUARTERLY WATER SAMPLING AND COMPLETION OF CHEMICAL EXAMINATION REPORTS FOR THE UKIAH LANDFILL

Summary: Council will receive a report regarding the acquisition of services for quarterly water sampling and preparation of chemical examination reports for the Ukiah Landfill.

Background: In accordance with the Waste Discharge Requirements issued by the North Coast Regional Water Quality Control Board (NCRWQCB), the City is mandated to complete quarterly water sampling and analysis for the Ukiah Landfill.

Discussion: In compliance with Section 1522 of the City Code, this report is submitted to the City Council for the purpose of reporting the acquisition of professional consulting services costing more than \$10,000. The Public Works Department requested Alpha Analytical Laboratories, Inc. to conduct quarterly water sampling and completion of chemical examination reports for the Ukiah Landfill. Alpha Analytical completed the quarterly water sampling and completion of chemical examination reports for the amount of \$19,846.80. In conjunction with these chemical examination reports, EBA Engineering analyzes the data to prepare and submit the required detection monitoring report to the NCRWQCB.

FISCAL IMPACT:				
Budgeted Amount in 15-16 FY	New Appropriation Source of Funds (Title & No.)	Account Number	Budget Amendment Required	Previous Contract or Purchase Order No.
\$200,000	Landfill	70024500.52100	Yes ☐ No ☒	PO 44016-00

RECOMMENDED ACTION(S): Receive and file report of acquisition of professional services from Alpha Analytical Laboratories, Inc. for quarterly water sampling and completion of chemical examination reports for the Ukiah Landfill. Report is submitted pursuant to City Code.

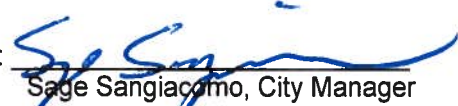
ALTERNATIVES: N/A

Citizens advised: None.
Requested by: Tim Eriksen, Public Works Director / City Engineer.
Prepared by: Rick Seanor, Deputy Director of Public Works.
Coordinated with: Sage Sangiacomo, City Manager.
Presenters: Tim Eriksen, Public Works Director / City Engineer.
Attachments: None.

COUNCIL ACTION DATE: _____: ☐ Approved ☐ Continued to _____ ☐ Other _____

RECORDS APPROVED: ☐ Agreement: _____ ☐ Resolution: _____ ☐ Ordinance: _____

Note: Please write Agreement No. in upper right corner of agreement when drafted..

Approved: 
Sage Sangiacomo, City Manager



ITEM NO.: 7d

MEETING DATE: January 6, 2016

AGENDA SUMMARY REPORT

SUBJECT: ADOPTION OF RESOLUTION REMOVING 105 LINEAL FEET OF ON-STREET PARKING AT THE INTERSECTION OF WEST GOBBI STREET AND COURT STREET

Summary: Council will receive a report recommending the establishment of no parking zones at the intersection of West Gobbi Street and Court Street.

Background: The Traffic Engineering Committee (TEC) received a request from James Cahall to establish no parking zones at the intersection of West Gobbi Street and Court Street.

Discussion: Mr. Cahall noted that vehicles, in particular a large pickup truck, are parking on Gobbi Street near the intersection with Court Street. Vehicles parked at this location restrict the sight distance for drivers turning from Court Street. With the proposed no parking zones there will be a net loss of 2 on-street parking spaces. Staff notified Mr. Cahall along with several adjacent residents and property owners by letter of the TEC meeting to discuss the proposed no parking zone. In addition, staff posted notices of the proposed no parking zones at the intersection of West Gobbi Street and Court Street. Mr. Cahall attended the TEC meeting and participated in the discussion regarding his request.

The TEC reviewed this item at its meeting of December 8, 2015, and recommended approval of the no parking zones to the City Council. On the west side of the intersection, the proposed no parking zone extends from the driveway to the curb return on Court St. On the east side of the intersection, the proposed no parking zone extends from the driveway to a location fifteen feet south of the fire hydrant on Court Street. A location photomap of the area is included for reference as Attachment #2.

FISCAL IMPACT:				
Budgeted Amount in 15-16 FY	New Appropriation Source of Funds (Title & No.)	Account Number	Budget Amendment Required	Previous Contract or Purchase Order No.
N/A	N/A	N/A	Yes ☐ No ☒	N/A

RECOMMENDED ACTION(S): Adopt resolution removing 105 lineal feet of on-street parking at the intersection of West Gobbi Street and Court Street.

ALTERNATIVES: Do not adopt resolution and provide direction to staff.

Citizens advised: James Cahall, residents and property owners at the following addresses on Court Street (124 & 107) and on West Gobbi Street (216, 218, 220, 245, 249, 255, 270, 275, and vacant parcel with no street address), Alonzo & Claudia Frias, Managers of Pomolita Townhomes.

Requested by: Tim Eriksen, Public Works Director / City Engineer.

Prepared by: Rick Seanor, Deputy Director of Public Works.

Coordinated with: Sage Sangiacomo, City Manager.

Presenters: Tim Eriksen, Public Works Director / City Engineer.

Attachments: 1. Resolution for Adoption
2. Location photomap

COUNCIL ACTION DATE: _____: ☐ Approved ☐ Continued to _____ ☐ Other _____

RECORDS APPROVED: ☐ Agreement: _____ ☐ Resolution: _____ ☐ Ordinance: _____

Note: Please write Agreement No. in upper right corner of agreement when drafted..

Approved: 
Sage Sangiacomo, City Manager

RESOLUTION NO. 2016-

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF UKIAH REMOVING 105 LINEAL FEET OF ON-STREET PARKING AT THE INTERSECTION OF WEST GOBBI STREET AND COURT STREET.

WHEREAS, the City Council may by resolution designate portions of streets upon which the standing, parking, or stopping of vehicles is prohibited or restricted pursuant to Article 11, Chapter 1, Division 8 of the Ukiah City Code; and

WHEREAS, the Traffic Engineering Committee (Traffic Engineer) considered the request to establish no parking zones at the intersection of W. Gobbi St. and Court St. at its meeting on December 8, 2015; and

WHEREAS, the Traffic Engineer recommends the request to establish no parking zones at the intersection of W. Gobbi St. and Court St.

NOW, THEREFORE, IT IS HEREBY RESOLVED, that the City Council of the City of Ukiah does establish no parking zones at the intersection of W. Gobbi St. and Court St. The City Engineer shall direct installation of signage and curb painting as necessary;

PASSED AND ADOPTED this 6th day of January 2016, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Stephen G. Scalmanini, Mayor

ATTEST:

Kristine Lawler, City Clerk



Proposed No Parking Gobbi St. at Court St.

ATTACHMENT "2"



1 inch = 50 feet

Photo Date: March 2001



ITEM NO.: 12a

MEETING DATE: 1/6/16

AGENDA SUMMARY REPORT

SUBJECT: CONTINUED DISCUSSION OF FACILITY SECURITY AND ACCESS (CARDLOCK) CONTROL SYSTEM CAPITAL PROJECT AND AUTHORIZATION TO PURCHASE SYSTEM AND INSTALLATION FROM GAYNOR TELESYSTEMS, INC. IN THE AMOUNT OF \$33,453, AND APPROVE CORRESPONDING BUDGET AMENDMENT OF \$18,453 FROM BUILDING RESERVES.

Summary: Council will continue discussion regarding the purchase of a facility security and access system to ensure a safer and more efficient work environment for our employees and the public as per the approved Capital Projects Budget for FY15/16.

Background: At the December 16th Council meeting this item was introduced, discussed, and continued. Many valid concerns were raised by Council regarding the facility security and access control system. Staff has researched and prepared responses to the questions posed by Council.

To summarize the project, the implementation of a facility security and access system has been a goal for the Civic Center for a number of years. This item was adopted as a capital project in the FY15/16 budget. The Civic Center facility has been using a standard key system since its establishment. While the traditional key method provides for a secure facility when the building is locked, retrieving keys from past employees and renters is not always accomplished, and leaves the building exposed to unauthorized access. During team meetings it was decided that the initial project would convert the administration side of the Civic Center and the Civic Center Annex (Attachment 1). Additional phases may follow and would likely address other offsite facilities.

The justification for installing card readers is to increase security for our employees, and add efficiency to our facility key system. The advantages of electronic access control include:

- High levels of security by tracking and controlling who has access (and when).
- Provides a log of valid and attempted entries through controlled access doors.
- Mitigates the need for rekeying (a user's access privileges can simply be turned off).
- Saves the cost of rekeying doors and the inconvenience of distributing new keys.
- Allows buildings to be locked and unlocked on a timed program.
- Offers security and automatic notification of events through e-mail and other tools.
- Allows temporary cards to be issued to facility renters.

All of these advantages make a significant positive impact on the operation and safety of our facility.

Continued on Page 2

RECOMMENDED ACTION(S): Authorization to purchase a facility security and access control system and installation from Gaynor Telesystems, Inc. in the amount of \$33,453 and approve corresponding budget amendment of \$18,453 from building reserves.

ALTERNATIVES: Do not authorize purchase and remand to staff with further direction.

Citizens advised: N/A
Requested by: City Council (Capital Budget Item)
Prepared by: Scott Shaver, IT Coordinator and Maya Simerson, Community Services Supervisor.
Coordinated with: Sage Sangiacomo, City Manager.
Presenters: Scott Shaver, IT Coordinator and Maya Simerson, Community Services Supervisor.
Attachments: Attachment #1 Facility access door locations
Attachment #2 Quote
Attachment #3 List of references

COUNCIL ACTION DATE: _____: ☐ Approved ☐ Continued to _____ ☐ Other _____

RECORDS APPROVED: ☐ Agreement: _____ ☐ Resolution: _____ ☐ Ordinance: _____

Note: Please write Agreement No. in upper right corner of agreement when drafted.

Approved: 
Sage Sangiacomo, City Manager

In 2010, security cameras were installed in some locations and over the last few years more have been added. At this point there are active cameras at each of the main entrances to both the Civic Center and Annex. These cameras were placed with the intent to synchronize the video footage with time and date stamped data correlating to the card locked doors. The camera vendor provides a platform that links with the proposed security system. It is for this reason that the purchase is being requested as a sole-source requisition from the company that provides this compatibility. The detailed quotes for the project are attached for your review as Attachment 2.

Discussion: The primary concern raised by Council at the last meeting was how the system will react during a power outage. First, the doors are all controlled by individual control modules that are powered by a centralized Power Over Ethernet (POE) network switch. The POE network switch will be plugged into a battery back-up. Then in a power outage the doors operate as normal. In the event power is lost to the individual door control modules, the doors are equipped with exit devices (push bar) to exit the building. If communication is lost on the network to the main server, which is the main database of the system, the individual door modules are designed to continue to work seamlessly during a communications failure. The doors will continue to permit or deny access to users as appropriate.

What other facilities are using this system and what is their feedback regarding the system was another question raised by Council. Staff has spoken with a representative from the City of Fresno. Fresno has been using this system for seven years and is very pleased with the product. They have experienced good service, regular software updates, excellent support, and would highly recommend the product. The City of Fresno has 193 controllers in use across all of their facilities. Another positive response was received from the Redwood Hotel Casino who has been using the system for the past year. Attached please find a list of references (Attachment #3).

Council also asked staff to address the hardware and software costs. The hardware cost per double doors will be approximately \$4,500. There are no separate software costs as the software is included in the purchase. All software upgrades are also included in the purchase of the system for the first year. After the first year, the annual maintenance of the Paxton access control system will be approximately \$3,500 annually. The annual maintenance cost includes parts coverage, labor coverage, and software coverage. There will need to be a cost of approximately \$650 incurred for re-keying the existing perimeter doors to a new master key. This will allow secured access to authorized individuals only in the case of an emergency or in the unlikely event of a complete system failure.

The quote in Attachment #2 includes 250 access devices, either cards or keyfobs. Both devices are approximately \$30 for a package of 10. The keyfobs would be appropriate for employees such as Public Safety and Information Technology that often times need hands free access to the doors. The bulk of our workforce and facility renters would be issued proximity cards.

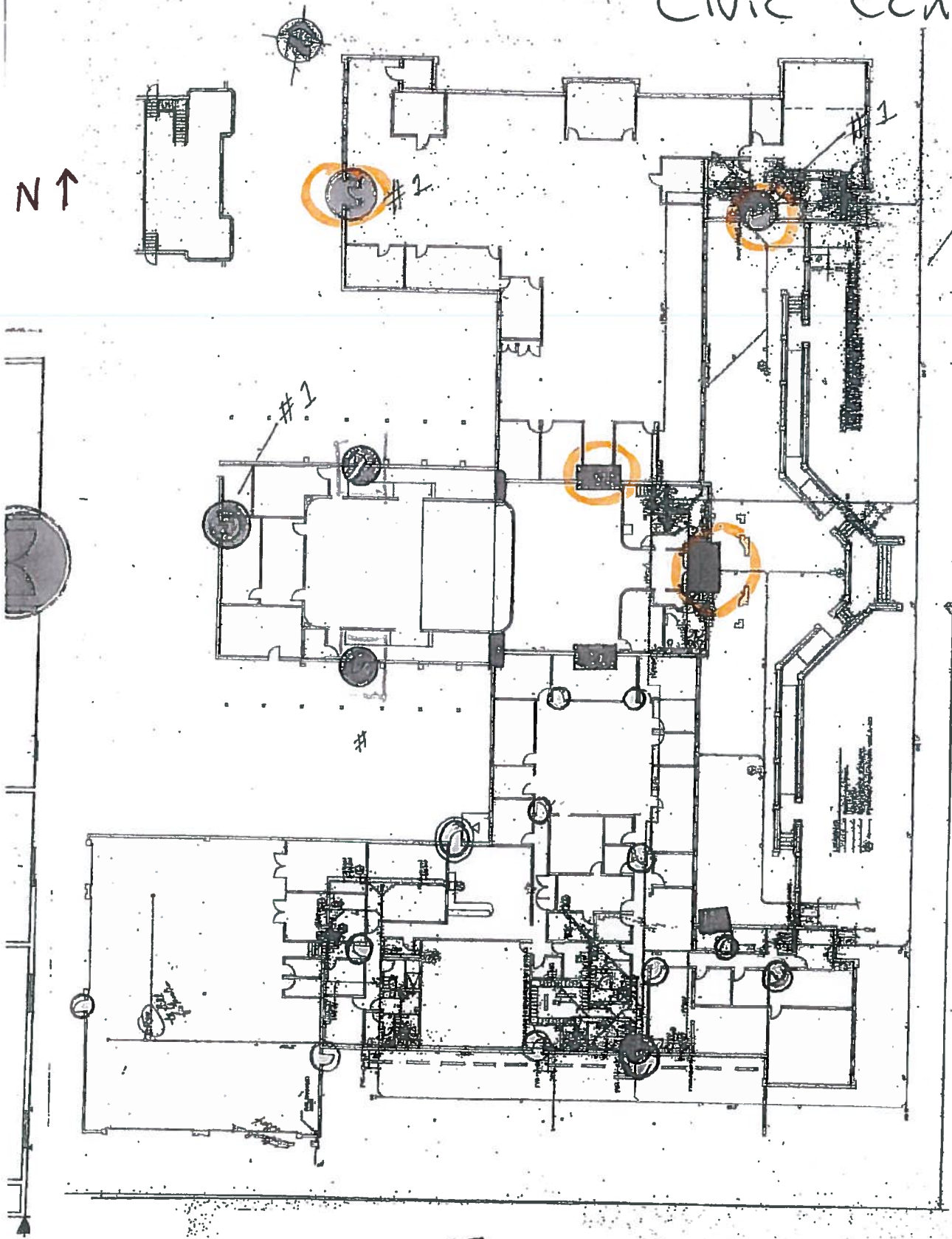
Staff recommends that Council approve this project. It was budgeted in this fiscal year as a capital project for the IT Department in the amount of \$15,000. In order to maximize efficiencies and complete more of the project, the Building Reserve fund would need to contribute \$18,453 by a budget amendment for a total cost of \$33,453.

A representative from Gaynor will be available at the Council meeting to assist with addressing any other details or concerns.

FISCAL IMPACT:				
Budgeted Amount in 15-16 FY	New Appropriation Source of Funds (Title & No.)	Account Number	Budget Amendment Required	Previous Contract or Purchase Order No.
\$15,000	Equipment Reserve: computer support reserve	22022900.80100	Yes ☐ No ☒	N/A
\$18,453	Building Maintenance Reserve	22022500.80100	Yes ☒ No ☐	N/A

Civic Center

N ↑

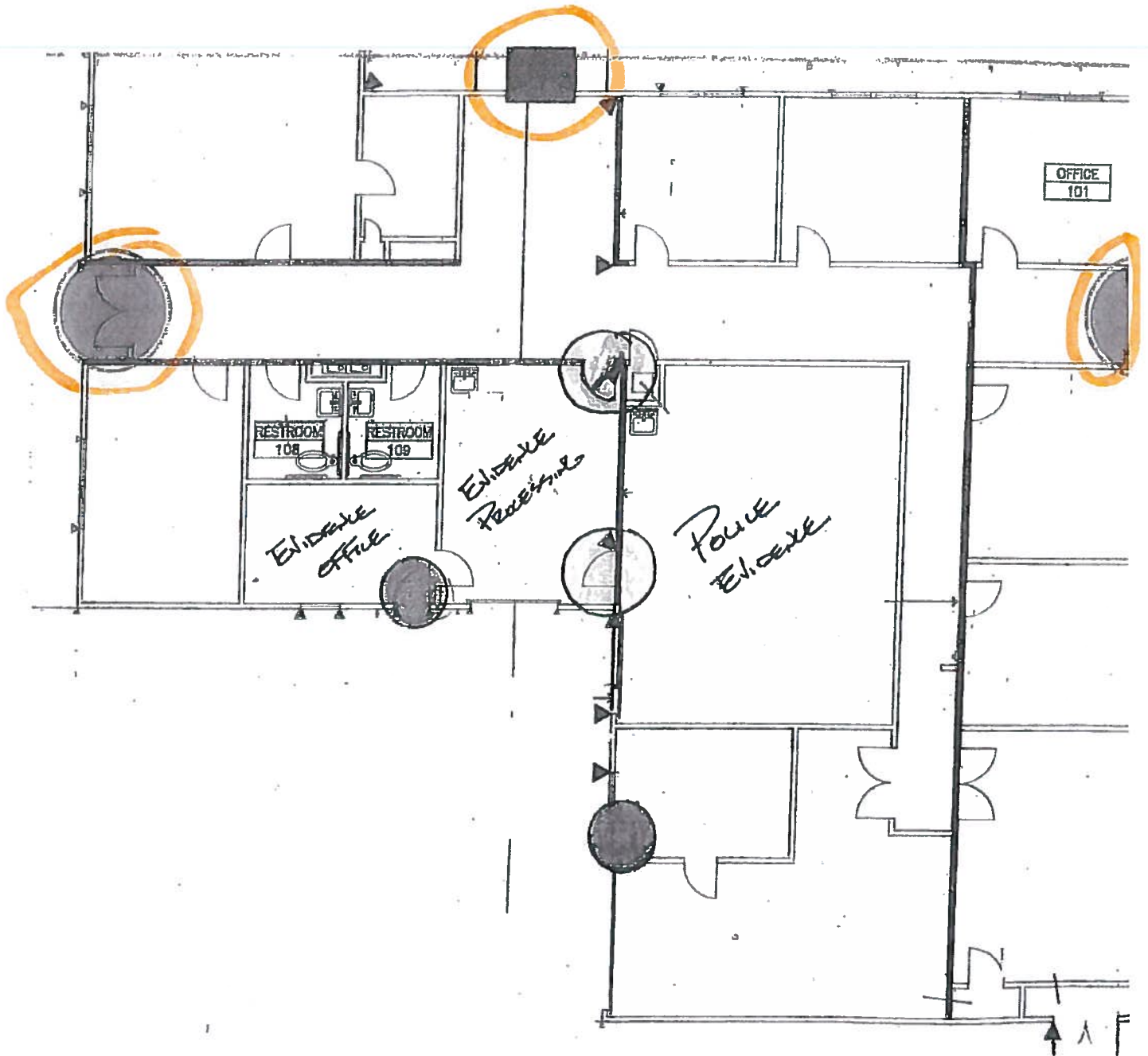


BWE
YELLOW



Civic Center Annex

N↑



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41
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CORPORATE HEADQUARTERS
9650 Tanqueray Court
Redding, CA 96003
PH: (530) 223-2979 ext. 135
FAX: (530) 224-9236
www.GaynorTelesys.com

Created By: Jack Stevenson
530-223-2979 ext. 135
Cell: 530-510-9751

City of Ukiah

12/18/15

Attn: Scott Shaver, Sage Sangiacomo, Chris Dewey, and Cody Jennings

SCHEDULE "A" – Civic Center

Access Control System:

1 each Net2 Software.

Net2 Software

Net2 software is designed to feel immediately familiar to any Windows user. It will organize and report on thousands of users and hundreds of doors. Net2 standard software contains all of the basic access control features to control access privileges and report on users. Other features include multiple workstations, time and attendance monitoring, video integration, site graphics and control of remote sites using TCP/IP or modems. Net2 professional software contains all of the features of Net2 standard but with the addition of fire alarm integration, roll call/muster reporting and anti-passback.

1 each Net2 desktop enrollment reader. USB UL approved.

4 each Net2 plus small ABS housing and Net2 plus controller.

Net2 is a PC based security system for controlling access through doors. Net2 allows users to be given access to particular areas at certain times. Because the system is networked, all administration can be done from a central point. Net2 plus is one of three control units for the Net2 system. It is the most advanced control unit, employing the latest technology and offering huge potential for future expansion. As security technology develops, Net2 plus can take full advantage. Using Net2 plus ensures that the investment in access control is safe no matter how the system requirements change. Net2 plus has on-board TCP/IP to allow direct connect on to a computer network. This can save me, money and result in a better, more resilient system. Net2 plus control units can also be connected together using a dedicated RS485 network. This reduces the number of TCP/IP network points required for larger systems. As with all Net2 control units, Net2 plus is designed to work seamlessly in the event of communications failure. It will continue to permit or deny access to users as appropriate. Once communications are re-established the activity is reported back to the PC.

SACRAMENTO
916-927-1500

YUBA CITY
530-741-2044

EUREKA
707-445-3204

CHICO
530-895-8442

REDDING
530-223-2979

Parts list included within this quote:

1	Pelco Power Supply 50va
	PAXTON Parts
1	2 Reader POE Starter Kit; Includes (2) Net2Plus, Enrollment Reader
	Net2 PLUS INTELLIGENT IP/485 DUAL TECHNOLOGY CONTROLLERS
4	Net2 Plus; POE input power supply, (2)12Vdc outputs, metal cabinet, UL approved
	PROXIMITY CARD READERS
4	PROXIMITY P75 Reader, UL approved
	KEYPAD READERS
4	75 series backbox adaptor kit
	CREDENTIALS / TOKENS
25	Net2 proximity keyfobs, box of 10
	MISCELLANEOUS ACCESSORIES
4	Request to exit PIR sensors

4 Readers



250 each keyfobs



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4 each request to exit PIR sensors.



Investment for installed zccess control Paxton parts: \$5,903

Cat 6 and electronic strike cabling for the doors:

400	CAT6 Bulk Cable - MIG+ (U/UTP) CMR, 23AWG
250	22/4 Security cable Shielded CMR
100	22/8 Security cable Shielded CMR
8	Keystone Jack - CAT6, MIG+, Data Grade
1	Patch Panel - CAT6, 24 Port 110-IDC, 19'(W)x1¾'(H)x1¾'(D), (UL)
4	Allen Tel 1 port faceplate
4	CAT6 Patch Cord - 1', Snagless, Mold-Injection, (UTP) - Blue
4	CAT6 Patch Cord - 3', Snagless, Mold-Injection, (UTP) - Blue

Investment for cabling and installation of cabling: \$500

Door Hardware:

12 Pair Glass Doors with Wide Styles
No Mullion between pair
Jackson Concealed Vertical Rod Exit
Devices
Auto Open Closer on active side
Concealed Closer on inactive side

9,10 Pair Glass Doors with Wide Styles
No Mullion between pair
Jackson Concealed Vertical Rod Exit
Devices
Concealed Closers

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11 Pair Glass Doors with Wide Styles
 No Mullion between pair
 Concealed Closers

Investment for door hardware: \$4,300

Labor for project: \$5,965

Insurance and Subrogation \$1,600

Total investment for access control hardware, cabling, door hardware and installation:
Civic Center \$18,268 plus \$869.62 tax

Prices are good until 1/11/16.

If you have any questions, please contact Jack Stevenson 530-510-9751 .

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Cell: 530-510-9751

City of Ukiah

12/18/15

Attn: Scott Shaver, Sage Sangiacomo, Chris Dewey, and Cody Jennings

SCHEDULE "A" – Civic Annex

Access Control System:

1 each Net2 Software.

Net2 Software

Net2 software is designed to feel immediately familiar to any Windows user. It will organize and report on thousands of users and hundreds of doors. Net2 standard software contains all of the basic access control features to control access privileges and report on users. Other features include multiple workstations, time and attendance monitoring, video integration, site graphics and control of remote sites using TCP/IP or modems. Net2 professional software contains all of the features of Net2 standard but with the addition of fire alarm integration, roll call/muster reporting and anti-passback.

1 each Net2 desktop enrollment reader. USB UL approved.

3 each Net2 plus small ABS housing and Net2 plus controller.

Net2 is a PC based security system for controlling access through doors. Net2 allows users to be given access to particular areas at certain times. Because the system is networked, all administration can be done from a central point. Net2 plus is one of three control units for the Net2 system. It is the most advanced control unit, employing the latest technology and offering huge potential for future expansion. As security technology develops, Net2 plus can take full advantage. Using Net2 plus ensures that the investment in access control is safe no matter how the system requirements change. Net2 plus has on-board TCP/IP to allow direct connect on to a computer network. This can save money and result in a better, more resilient system. Net2 plus control units can also be connected together using a dedicated RS485 network. This reduces the number of TCP/IP network points required for larger systems. As with all Net2 control units, Net2 plus is designed to work seamlessly in the event of communications failure. It will continue to permit or deny access to users as appropriate. Once communications are re-established the activity is reported back to the PC.

SACRAMENTO
916-927-1500

YUBA CITY
530-741-2044

EUREKA
707-445-3204

CHICO
530-895-8442

REDDING
530-223-2979

Parts list included within this quote:

	Net2 PLUS INTELLIGENT IP/485 DUAL TECHNOLOGY CONTROLLERS
3	Net2 Plus; POE input power supply, (2)12Vdc outputs, metal cabinet, UL approved
	PROXIMITY CARD READERS
3	PROXIMITY P75 Reader, UL approved
	KEYPAD READERS
3	75 series backbox adaptor kit
	MISCELLANEOUS ACCESSORIES
3	Request to exit PIR sensors

3 Readers



3 each request to exit PIR sensors.



SACRAMENTO
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YUBA CITY
530-741-2044

EUREKA
707-445-3204

CHICO
530-895-8442

REDDING
530-223-2979

Investment for installed access control Paxton parts: \$2,746

Cat 6 and electronic strike cabling for the doors:

500	CAT6 Bulk Cable - MIG+ (U/UTP) CMR, 23AWG
250	22/4 Security cable Shielded CMR
100	22/8 Security cable Shielded CMR
6	Keystone Jack - CAT6, MIG+, Data Grade
1	Patch Panel - CAT6, 24 Port 110-IDC, 19'(W)x1¾'(H)x1¾'(D), (UL)
3	Allen Tel 1 port faceplate
3	CAT6 Patch Cord - 1', Snagless, Mold-Injection, (UTP) - Blue
3	CAT6 Patch Cord - 3', Snagless, Mold-Injection, (UTP) - Blue

Investment for cabling and installation of cabling: \$400

Door Hardware:

- 2 Pair Glass Doors with Wide Styles
 No Mullion between pair
 Jackson Concealed Vertical Rod Exit
 Devices
 Auto Open Closer on active side
 Concealed Closer on inactive side
- 1,8 Pair Glass Doors with Wide Styles
 No Mullion between pair
 Jackson Concealed Vertical Rod Exit
 Devices
 Concealed Closers

Investment for door hardware: \$4,200

Labor for project: \$5,122

Insurance and Subrogation \$1,250

Total investment for access control hardware, cabling, door hardware and installation:
Civic Annex \$13,718 plus \$596.86 tax

Prices are good until 1/11/16.

If you have any questions, please contact Jack Stevenson 530-510-9751 .

SACRAMENTO
916-927-1500

YUBA CITY
530-741-2044

EUREKA
707-445-3204

CHICO
530-895-8442

REDDING
530-223-2979

Paxton Access Control References

John Souza
City of Fresno
559-621-5240

john.souza@fresno.gov

California State University Stanislaus
Tim Overgaauw
209-664-6626

Tovergaauw@csustan.edu

Redwood Hotel Casino
Deana Scott
707-482-1777

Dscott@todgaming.com



ITEM NO.: 13a

MEETING DATE: January 6, 2016

AGENDA SUMMARY REPORT

SUBJECT: APPROVE PURCHASE OF VIDEO STORAGE HARDWARE FOR LOCAL POLICE ARCHIVAL VIDEO IN THE AMOUNT OF \$89,352 AND CLOUD STORAGE WHICH WILL BE BILLED PER MONTH AT A CAPACITY UTILIZATION RATE; APPROVE PURCHASE OF ADDITIONAL STORAGE FOR FACILITY SURVEILLANCE SYSTEM IN THE AMOUNT OF \$33,273 AND CORRESPONDING BUDGET AMENDMENTS.

Summary: Council will consider an upgrade to the City's video storage capacity per newly updated State law requiring a one-year retention of video footage. Improved/increased storage capacity is needed for both police and facility video footage.

Background: Pursuant to government code section 34090.6, the City of Ukiah is required to retain video storage for one year. This includes all Police video, as well as City of Ukiah facility surveillance video. Under the new guidelines, one year of video recording is estimated to consume 116 Terabytes (TB) of storage.

The Police Department (PD) currently operates thirty-one body-worn cameras and twenty-four patrol vehicle cameras. PD video data is estimated to consume *18TB – 30TB of storage, depending on number of recordings triggered by public safety events. (*18TB represents the minimum data capacity recommended by Data911, the PD's chosen video hardware and software manufacturer.)

In addition, the City currently operates thirty-six facility surveillance cameras with seventeen additional cameras slated for install in 2016 (primarily at the Grace Hudson Museum).

With support from the City's IT service partner - Portola Systems, multiple solutions were researched and are provided for your review in this staff report.

Continued on Page 2

RECOMMENDED ACTION(s): Approve purchase of EMC Isilon "NAS" from EMC Corporation for local police archival video storage in the amount of \$89,352, and Cloud storage from Microsoft Azure which will be billed monthly based on utilization, and approve purchase of additional storage from Gaynor Telesystems, Inc., for Pelco Video storage for the facility security surveillance system in the amount of \$33,273.

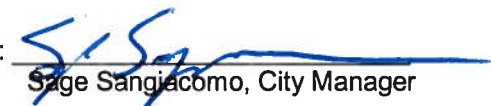
ALTERNATIVES: Do not approve and remand to staff with alternate direction.

Citizens advised: N/A
Requested by: N/A
Prepared by: Scott Shaver, IT Coordinator; Maya Simerson, Community Services Supervisor; and Ryan Miller, V.P. Portola.
Coordinated with: Sage Sangiacomo, City Manager; and Karen Scalabrini, Finance Director.
Presenters: Scott Shaver, IT Coordinator; Maya Simerson, Community Services Supervisor; and Ryan Miller, V.P. Portola.
Attachments: Attachment #1 Option 3 illustration
Attachment #2 Option 3 price quotes
Attachment #3 Information Technologies Distribution for Video Storage

COUNCIL ACTION DATE: _____: ☐ Approved ☐ Continued to _____ ☐ Other _____

RECORDS APPROVED: ☐ Agreement: _____ ☐ Resolution: _____ ☐ Ordinance: _____

Note: Please write Agreement No. in upper right corner of agreement when drafted.

Approved: 
Sage Sangiacomo, City Manager

City Primary IT Systems Storage Background: The City currently utilizes a six-year-old, on-premise Dell Compellent SAN storage appliance to house all virtual servers, as well as all City and PD data. Current capacity allocated for PD video is set at 4TB. Due to storage limitations, recently-added patrol vehicle cameras are powered-off and body-worn camera retention policies are not fully compliant with government code section 34090.6.

The current storage is segmented into two storage tiers. The first (tier 1) is comprised of 18TB of high performance disk dedicated to read/write intensive workloads, such as SQL databases, virtual machines and application data. The second (tier 3) is comprised of 51TB of low performance disk dedicated to less demanding and stagnant archive data. The City does not currently operate any Tier 2 performance storage. The City and PDs day-to-day operations are dependent on the health and stability of this mission critical Dell storage.

Cumulatively, City and PD data currently consumes 37% of the Dell system's available capacity. System utilization and status is considered healthy.

Year-to-year, City and PD 2016 data (excluding video) growth is expected to equal 5-10% of current (2015) consumption, an addition of 1TB – 2.5TB, not including any unforeseen application upgrades or City Department requests.

2016 consumption, with the added PD video, is expected to equal 65% - 85% of the total Dell SAN formatted capacity.

Total consumption beyond 70% of total capacity will downgrade system status from healthy to warning and add performance overhead (disk and controller I/O overhead will be increased in parallel to data growth), impacting the system's ability to fulfill demand imposed by the City's day-to-day workloads and PD's video recording/reviewing demands.

Currently, the City's existing storage is considered single-point-of-failure and will only allow for existence of a single copy of PD video. If video becomes corrupt or deleted, recovery will not be possible. In the event of SAN failure or physical damage, extended downtime, loss of productivity and/or complete data loss will occur.

While the existing Dell system could be upgraded to accommodate foreseen video storage and compliance demands, expansion of the existing systems would require additional investment in the existing six-year-old storage system and would not address future expansion capability, offload of video storage archival data to the cloud, backup, and disaster recovery systems or separation of Police Data from City Systems.

City Pelco Facility Surveillance Storage: The current Pelco video surveillance network-video-recorder (NVR) capacity is 19TB. Current utilization is 50%, with 14 days of retention. One-year video retention requires the addition of 96TB. Pelco video requires local storage, is not compatible with NAS technology and requires a minimum of one year mandatory retention per State requirements.

The existing Pelco system is healthy and can be expanded to accommodate State's retention requirements.

Discussion: Continual growth of City data is inevitable; long-term archival and compliance mandates, advancements in technology, and fulfillment of desired and required community services all are driving demands and increasing City Information Technology (IT) costs. City staff plans to shift IT economics and reduce long-term growth costs by engaging a hybrid-cloud strategy.

A reduction in capital expenditures, associated with systems upgrades, expansions and IT lifecycles management can be made possible by leveraging the cloud. While cloud storage does often provide

benefits in flexibility, performance, and reduced environmental considerations, a 100% cloud technology strategy is unfortunately neither cost effective, nor technically sound.

EMC Isilon (outlined in Option 3 below) will best allow the City to employ a hybrid-cloud strategy (for current and future storage needs), wherein on-premise and cloud storage solutions will be integrated. The benefit and capability, over time, will be a shift in storage and computing economics from purely capitalized, to a mixture of capital and operational. By moving to a hybrid utility cloud storage strategy, the City will benefit from economies of scale, realizing long-term storage cost reductions, as stagnant archive data is moved to low cost, cloud storage tiers and as increased global adoption of the cloud push storage rates downward.

Phase 1: Staff is requesting approval to purchase an EMC Isilon Network Attached Storage (NAS) hardware and software solution, with three-year support and installation in the amount of \$89,352. This solution will provide on-premise and cloud storage capability for City Police Body-Cam and Patrol Vehicle Video. This will allow the City to comply with the State's mandated "one-year" retention of Public Safety video data.

Staff is also requesting approval to purchase Pelco on-premise 96TB NVR Facility Video Surveillance storage, with three-year support and installation, in the amount of \$33,273.

The storage requests reflect the number of cameras currently in operation, including the Grace Hudson Museum project. As Pelco cameras are added, future additional storage will be necessary to adhere with mandated "one-year-video" data storage compliance requirements.

Future Outlook and Implementation Plan: Phase 2 - In addition to affording City/PD compliance with State mandated video retention policies, this Phase 1 purchase of EMC Isilon technology will also deliver foundational technology, enabling City's Phase 2 hybrid-cloud and Disaster Recovery strategies.

Fiscal Year (FY) 16/17, Phase 2 of this solution is required for Disaster Recovery. The City Data Center contains all City physical servers and Dell Compellent storage systems, which house all PD and City mission critical Virtual Servers and Data. The City Data Center is currently in a "Single Point of Failure" state and is in need of a Disaster Recovery solution. If The Data Center were compromised by fire, flooding etc., City operations would be significantly impacted. An off-premise configuration consisting of cloud (Microsoft Azure) and physical (Dell and EMC) storage and backup software, as well as an additional cluster of four (+/-) servers will provide a redundant fallback capability and Disaster Recovery procedure to be enabled.

Phase 2 cost is presently under evaluation and will be presented to Council within the FY16/17 Capital Projects budget.

Research: Necessary due diligence for this report was performed by a review committee, whose members were Scott Shaver, Cody Jennings, Ryan Miller, Chris Dewey, Karen Scalabrini, Sage Sangiacomo, and David Rapport. The committee was tasked with investigating and reviewing solutions capable of fulfilling the following goals: a.) Upgrade storage to comply with State requirements; b.) Reduce potential for downtime, data-loss and/or negative performance impact of IT systems; c.) Introduce cloud storage capability to City systems. The following four options were investigated.

Evaluated costs, pros and cons are outlined below. Please refer to Attachment #1 for illustrations of the options:

Option 1 – \$69,637.00

Expand existing City Dell storage system by 30TB and Pelco surveillance storage by 96TB.

Benefit

Con

- Low Cost
- Quick Deployment
- Future Scalability
- Ease of Administration
- Does Not Address Storage Backup
- Does Not Address Separation of PD Data from City Systems
- No Cloud Integration
- No Data Center Redundancy Plan

Option 2 – \$119,649

Phase 1 FY 15/16 – Expand existing Dell Storage system by 30TB and add new dedicated storage appliance w/ 30TB capacity in PD Server Room. Expand local Pelco surveillance storage by 96TB.

Phase 2 FY 16/17 – Cost to be determined. Expand new dedicated storage appliance (installed under Phase 1) in PD with additional 30TB (total of 60TB phase 1+2) and add four Dell server host cluster to provide redundant operations in the event of disaster, fire, flood, etc..

Phase 1 & 2 Benefit

Con

- Quick Deployment
- Future Scalability
- Ease of Administration
- Does Address Separation of PD Data from City Systems
- Adds Redundancy for Public Safety Video
- No Cloud Integration
- Data Center Failover Location is Not Offsite

Option 3 – \$122,625 (Staff Recommends This Option)

Phase 1-\$122,625: Install EMC Isilon NAS and archive PD video to Microsoft Azure using native Isilon Cloud Pool technology. Expand local Pelco surveillance storage by 96TB.

Phase 2- To be determined - FY 16/17 - Purchase and install a four-server cluster with necessary storage at one of our City sites to provide redundant operations in the event of disaster, fire, flood, etc. This will utilize the Isilon appliance capabilities to accomplish Server and Data Replication.

Please reference quotes in attachment #2 for a total cost of \$122,625 including a configuration and installation fee.

Phase 1 & 2 Benefit

Con

- Quick Deployment
- Future Scalability
- Ease of Administration
- Separation of PD Video from City Systems
- Adds Redundancy for Public Safety Video
- Adds Cloud Integration
- Can be used as Backup Target
- Not a Valid Solution for High Transaction Data i.e. SQL DB
- Introduction of Additional Technology in Data Center

Option 4 - \$5000 / Month –

Provision cloud servers dedicated to Public Safety Verus (body and in-car cams) – 100% hosted in Microsoft Azure (Cloud). Expand local Pelco surveillance storage by 96TB.

Benefit

Con

- Quick Deployment
- High TCO and OpEx

- Future Scalability
- Ease of Administration
- Adds Redundancy for Public Safety Video
- Poor video performance and upload/download times anticipated
- No Phase 2 solution (addresses only video demands)

Recommendation

Staff recommends **Option 3**, which utilizes the Isilon appliance for the Police Archival Video storage and storage expansion of the Pelco facility surveillance system. This will bring the City of Ukiah into compliance, maintaining one year of video storage for Police video and for the City of Ukiah's facility surveillance video.

While Option 3 is not the least expensive option to implement, it best fulfills the following goals: a.) Upgrade storage to comply with State requirements; b.) Reduce potential for downtime, data-loss and/or negative performance impact of IT systems; c.) Introduce cloud storage capability to City systems by providing a gateway to hybrid-cloud storage, allowing potential for archive and backup data to be housed on low-cost cloud storage. Furthermore, Option 3 reduces potential impact on the City's existing resources by shifting demand to a dedicated appliance and providing a storage platform independent from the City's current production storage to house selective copies of City and PD critical data.

Portola Systems vetted pricing from multiple vendors based on various cost scenarios.

FISCAL IMPACT:				
Budgeted Amount in 15-16 FY	New Appropriation Source of Funds (Title & No.)	Account Number	Budget Amendment Required	Previous Contract or Purchase Order No.
\$0	Multiple Funds	209.22900.80100 \$122,625	Yes ☒ No ☐	N/A

Costs are allocated according to the cost allocation plan in place for the FY 2015-2016 budget. This is a one-time cost which will need to come from reserves from each separate fund. Please see Attachment #3 for allocation distribution. If selected, Option 3 will require a cloud storage vendor for which the City will leverage its existing licenses with Microsoft for the Azure resource. Ongoing costs for cloud storage (Microsoft Azure) which will begin at \$0 and can increase up to \$925 per month for the first year, will be based on the amount of storage utilized on a monthly basis.

City Hall

Public Safety

Attachment #1



Data storage demand will exceed capacity by end of January 2016



Storage
Current in City Hall Data
Center

27Tb
Current
other
Systems
Data

20Tb
Current
Available

Pelco Systems
Data Rate 9.6Tb per Month
116Tb per Year



4Tb
Current
Available

Verus Systems
Data Rate 1.5Tb per Month
18TB per Year



Current Public Safety
Storage

City Hall

Data storage demand will allow for 1YR Retention of all Public Safety Video



96Tb
Total
Proposed

Cost \$33,273.00

27Tb
Current
other
Systems
Data



Storage
Current in City Hall Data
Center

30Tb
Total
Proposed

Cost \$36,363.78

Total Cost Opt. 1
\$69,636.78

Benefit

- Low Cost
- Quick Deployment
- Future Scalability
- Ease of admin

Con

- Does not address storage backup
- Does not address separation of PD data from City systems
- No cloud integration

Public Safety



Pelco Systems
Data Rate 9.6Tb per Month
116Tb per Year



Verus Systems
Data Rate 1.5Tb per Month
18TB per Year



Proposed Public Safety Video Storage –
Opt 1. Single point no redundancy

27Tb
Current
other
Systems
Data

City Hall

Data storage demand will
allow for 1YR Retention of all
Public Safety Video



Add to Pelco Storage
Current in City Hall Data
Center

96Tb
Total
Proposed

Cost \$33,273.00
Gaynor48TBNVR



Add to Dell Storage
Current in City Hall Data
Center

30Tb
Total
Proposed

Cost \$36,363.78
DLA103896

Verus Systems
Data Copy

Police Department



Add Dell Storage
Proposed in PD Data Center

30Tb
Total
Proposed

Cost \$50,013.65
DLA103896

Total Cost Option 2.1
\$119,649.78

Public Safety



Pelco Systems
Data Rate 9.6Tb per Month
116Tb per Year

Verus Systems
Data Rate 1.5Tb per Month
18Tb per Year



Benefit

- Quick Deployment
- Future Scalability
- Ease of admin
- Addresses separation of PD data from City Systems
- Adds redundancy for public safety video

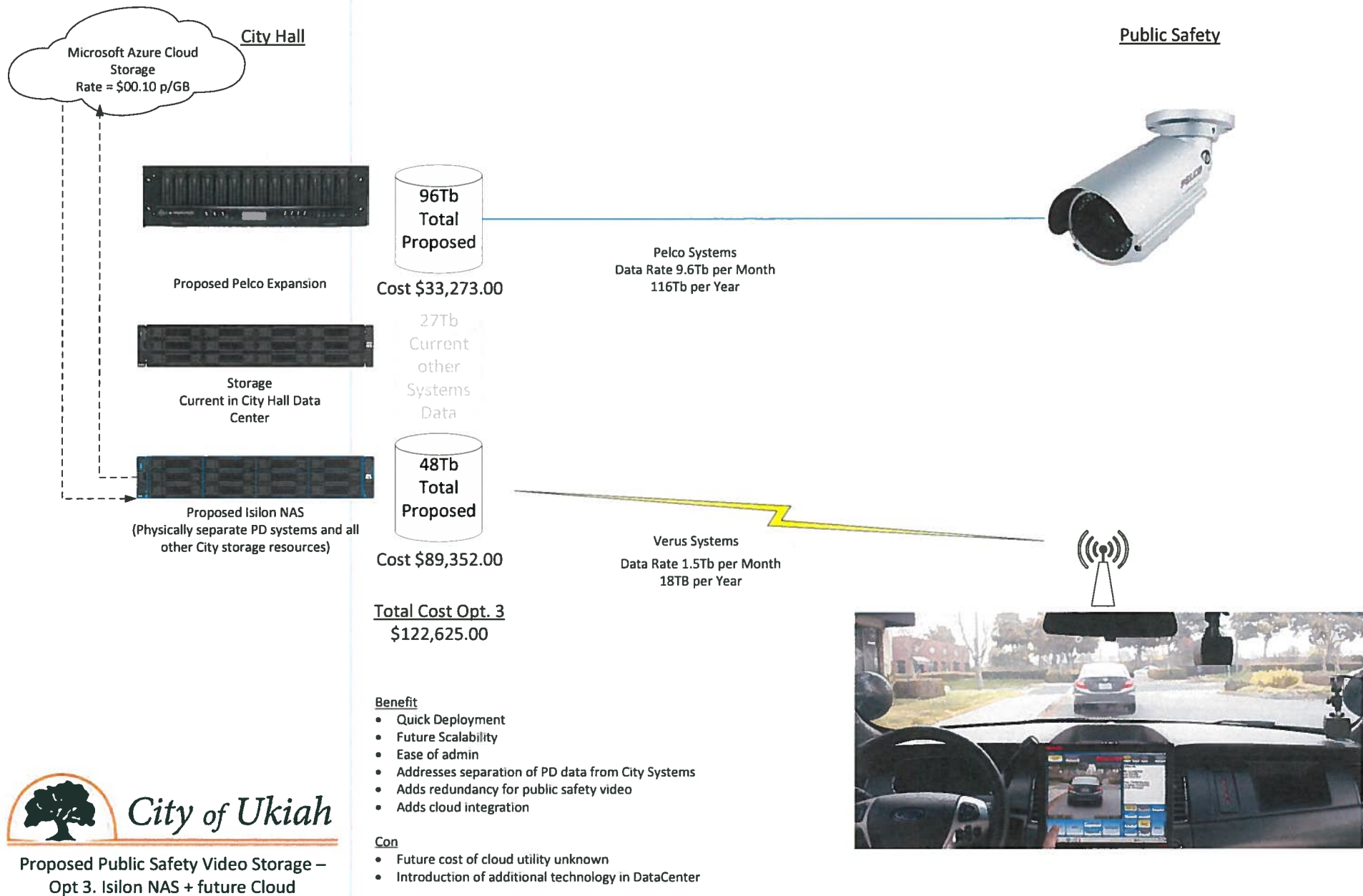
Con

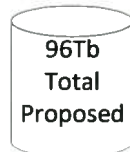
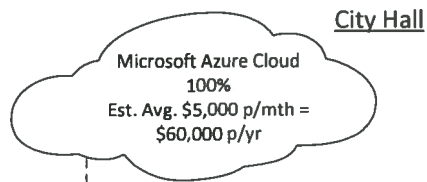
- No Cloud integration



City of Ukiah

Proposed Public Safety Video Storage –
Opt 2. Redundant PD Video Storage





Cost \$33,273.00

27Tb
Current
other
Systems
Data

Pelco Systems
Data Rate 9.6Tb per Month
116Tb per Year

Public Safety



Verus Systems
Data Rate 1.5Tb per Month
18TB per Year

Year 1 = \$78,829.00
Year 2 = \$60,000.00
Year 3 = \$60,000.00
3 Year Cost
\$198,892.00

5 Year Cost
\$318,892.00



Proposed Public Safety Video Storage
Opt 4. 100% Azure Cloud

Benefit

- Quick Deployment
- Future Scalability
- Ease of admin
- Adds redundancy for public safety video

Con

- High TCO and OpEx
- Poor video performance and upload/download times anticipated



7064 Corline Court, Suite B5 • Sebastopol, CA 95472
707-824-8800 Phone • 707-824-8866 Fax

Sales Quote

Date	Sales Quote No.
12/9/2015	6533

Bill To
City of Ukiah 411 West Clay Street Ukiah, CA 95482

Vendor
Portola Systems, Inc. 7064 Corline Court, Suite B5 Sebastopol, CA 95472

Ship Via	Rep	Terms	Client P.O. No.	Engagement
Ground	RTM	HW/SW due upon receipt Consulting and Labor due Net 30		HW/SW Purchases

Part Number	Description	Units	Unit Cost	Order Total
X210-SATA-007	X210-24T/48G/2x10GE 2x1GE 24TB HDD/3.5in 48GB RAM (Next Gen) CABLE, 1B QDR, QSFP-QSFP, 3M PWRCRD, 2, IEC320 C14-C13, 208V UNIVERSAL 2 SFP+ OPTICS KIT - 10GbE MELLANOX 8 PORT QDR SWITCH 10GBE DUAL-PORT SFP WITHOUT OPTICS	3	14,728.00	44,184.00T
TRK-BASIC DESC	CONADV/SNAP ENTERPRISE-SMARTPOOLS (Tier 3) SW: Basic Bundle (Tier 3) INSIGHTIQ FOR ONEFS	1	13,967.00	13,967.00
PSINST-ESRS	ZERO DOLLAR ESRS INSTALL	1	0.00	0.00
M-ENHHWI-001	ENHANCED HARDWARE SUPPORT ENHANCED SOFTWARE SUPPORT	1	17,551.00	17,551.00
MISC	18TB Cloudpools license not available for purchase until January 2016	1	7,560.00	7,560.00

This is not an Invoice - Do not pay from this document

Estimate good for 14 days. Freight/Shipping Not Included.	Subtotal	\$83,262.00
Cancellation subject to a 10% restocking fee.	Sales Tax (8.125%)	\$3,589.95
	Order Total	\$86,851.95

+ \$2,500 config/install = \$89,352-

Signature Authorizing Order

Date

CUSTOMER QUOTE
FROM: Gaynor Telesystems
►QUOTE VALID FOR 30 DAYS ◀



9650 Tanqueray Court
Redding, CA 96003
PH: (530) 223-2979 ext.135
FAX: (530) 224-9236
istevenson@gaynortelesys.com
DATE: 12/18/15

CUSTOMER: City of Ukiah
Attn: Scott

QUOTE FOR: ADDING 96 TERABYTES OF STORAGE TO THE PELCO NVR

SCOPE OF WORK – Gaynor will provide and install two each 48 Terabyte external arrays 4U rack mount storage for a total of 96 Terabytes. Recording all 36 cameras on motion averaging 10 hours of recording per day at the highest video quality saving 4 frames per second of video provides Gaynor an estimation of 116 Terabytes for 365 days, This is just an estimation and not exact. So Gaynor is quoting 96 additional Terabytes plus the 20 Terabytes you have in the current NVR for a total of 116 Terabytes.

48 Terabyte External Array - \$30,888 (3 Year Parts Warranty)
External Storage Interface Card for the Existing Pelco NVR - \$725
Labor to install and program - \$1,500
Insurance - \$160

QUOTE TOTAL:

Terms of payment shall be:

\$33,273.00 (Plus Tax and Shipping)

25% of purchase price down upon agreement date
40% of purchase price upon delivery of the equipment
30% of purchase price upon substantial completion
Balance (5%) due upon acceptance of the system

Disclaimer:

Gaynor Telesystems will connect your phone, camera or other equipment to a third party dial tone or internet service provider within your business, the installation or monthly charges from your third party dial tone provider isn't included in the pricing above. Gaynor Telesystems has no control over the reliability of the third party service providers. It is the customer's responsibility to provide a stable service provider for integration to our equipment. If multiple trips are required there may be additional labor charges. There is a potential for additional charges to be incurred if connection problems or network diagnostics arise, before, during or after installation. An example of these is static, dropped calls, disconnects, echo, network integration issues, or cell phone carrier claims that the phone system is at fault. When we troubleshoot and discover the problem is with the carrier or customer's network we will bill for our diagnostic time at our normal rates.

Gaynor Telesystems recommends a UPS / Surge protection on all equipment. Problems or hardware failure due to electrical losses (power outages / surges / brownouts) are not covered under warranty or maintenance.

Unforeseen circumstances may require additional hardware and/or software to be purchased and installed during the installation of the above items. This quote does not include any items not listed that may be needed, including upgrading your existing cable infrastructure, that would be a separate quote if needed. Examples of existing infrastructure include: cables, jacks, routers, patch panels, network switches, POE switches, racks, 66 blocks, patch cords, network equipment, virtual private network equipment, and network configuration.

To accept this quote, please sign and fax back to – 530-224-9236

City of Ukiah

Jack Stevenson

Internal Services - Information Technologies Distribution for Video Storage Budget Adjustment

Distribution Basis/Bases	Percent	Dept. Budget
Number of Full Time Equivalent Employees (FTEs)	100.00%	\$ 122,625
Total	100.00%	\$ 122,625

Org #	Departments	Number of Full Time Equivalent Employees (FTEs)	Department Percent	FTE Distribution \$ 122,625
GENERAL FUND				
10010000	City Council	1.90	1.01%	1,238
10015100	City Treasurer	0.38	0.20%	248
10011100	City Clerk	1.00	0.53%	651
10012100	City Manager	1.56	0.83%	1,016
10012200	Administrative Support	0.50	0.27%	326
10013400	Accounting	6.80	3.61%	4,430
10016100	Human Resources/Risk Management	2.50	1.33%	1,629
10017100	Business, Economic, Grant & Housing	2.40	1.27%	1,563
10022100	Parks	11.15	5.92%	7,263
10022810	Recreation Administration (includes all Recreation Activities 4.40)	7.81	4.15%	5,088
10023100	Planning & Community Development	3.44	1.83%	2,241
10023320	Building Inspection	2.06	1.09%	1,342
10024210	Engineering (includes Landfill/Solid Waste 1.40)	2.56	1.36%	1,668
10024220	Streets	5.05	2.68%	3,290
10024214	Storm Drain	1.30	0.69%	847
10520210	Police Patrol	33.85	17.98%	22,051
10520224	Police Major Crimes	1.00	0.53%	651
10520218	Community Services Officers (Includes SLESF 1.00)	5.80	3.08%	3,778
10521210	Fire	11.15	5.92%	7,263
INTERNAL SERVICE FUNDS				
20413500	Purchasing	2.05	1.09%	1,335
20513300	Billing & Collection	6.00	3.19%	3,909
20524415	Water Meter Reading	1.88	1.00%	1,225
20526430	Electric Meter Reading	1.88	1.00%	1,225
20324100	Garage	3.25	1.73%	2,117
20824300	Alex Rorabaugh Recreation Center (ARRC)	0.32	0.17%	208
20822500	Building Maintenance	4.78	2.54%	3,114
20620231	Dispatch Ukiah (Includes Dispatch Fort Bragg 3.00)	9.00	4.78%	5,863
ENTERPRISE FUNDS				
72022400	Golf	0.45	0.24%	293
73022600	Conference Center	2.71	1.44%	1,765
77725200	Airport	4.24	2.25%	2,762
80026110	Electric Overhead	5.20	2.76%	3,387
80026120	Electric Underground	6.16	3.27%	4,013
80026200	Electric Testing & Calibrating	1.40	0.74%	912
80026130	Electric Substation	1.70	0.90%	1,107
80526610	Street Lighting	1.15	0.61%	749
80026330	Electric Hydro Plant	0.75	0.40%	489
80026400	Electric Administration	2.03	1.08%	1,322
82024410	Water Administration	2.03	1.08%	1,322
82024411	Water Production Operations & Management	4.99	2.65%	3,251
82024414	Water Distribution Operations & Maintenance	5.60	2.97%	3,648
84024420	Wastewater Administration	2.98	1.58%	1,941
84024421	Wastewater Operations & Maintenance	4.41	2.34%	2,873
84024425	Wastewater Treatment	6.48	3.44%	4,221
SPECIAL REVENUE & OTHER FUNDS				
31122870	Alex Rorabaugh Recreation Center (ARRC)	0.23	0.12%	150
69122700	Museum	3.86	2.05%	2,515
75017110	Visit Ukiah	0.50	0.27%	326
Total FTE Used for Distribution		188.24	100.00%	122,625

GF	66,583	54.3%
Purchasing	1,335	1.1%
Billing & Collection	6,358	5.2%
Garage	2,117	1.7%
Corp Yard	208	0.2%
Building Maint	3,114	2.5%
Dispatch	5,863	4.8%
Golf	293	0.2%
Airport	2,762	2.3%
Electric	11,980	9.8%
Water	8,221	6.7%
Wastewater	9,035	7.4%
Conf. Center	1,765	1.4%
ARRC	150	0.1%
Visit Ukiah	326	0.3%
Museum	2,515	2.1%
Total	122,625	100.0%



ITEM NO.: 13b

MEETING DATE: January 6, 2016

AGENDA SUMMARY REPORT

SUBJECT: ADOPTION OF RESOLUTION ESTABLISHING A SPECIAL REVENUE FUND TO COMMIT FUTURE TRANSFER STATION RENTS; CREATE MECHANICS FOR ADJUSTMENT OF TRANSFER STATION GATE FEE SURCHARGE; AND USE LOCAL GOVERNMENT ASSURANCE OPTION FOR THE CORRECTIVE ACTION PLAN (CAP RESERVE) OF THE UKIAH LANDFILL.

Summary: Council to consider adopting a Resolution establishing a New Special Revenue Fund to commit Future Transfer Station Rents to any unfunded Landfill Closure, Post-Closure Maintenance, and Corrective Action Plan costs; create mechanics for adjustment of Transfer Station Gate Fee Surcharge, and use the Local Government Financial Test to meet CalRecycle Financial Assurance requirements for the Corrective Action Plan of Ukiah Landfill.

Background: The City has been working to close the Ukiah landfill since 2001. Cal Recycle requires the City to provide Financial Assurances for the following three costs in order to fulfill regulatory obligations for the landfill closure:

1. **Closure Costs** – The City provided a pledge of Solid Waste Enterprise Funds to fulfill this obligation, which Cal Recycle has accepted (Estimated at \$10,343,287 (Attachment 2)).
2. **Post-Closure Maintenance (30 Years)** - The City provided a Pledge of Revenue (curbside collection revenues) to fulfill this obligation, which Cal Recycle has accepted. (Estimated at \$3,722,158, adjusted for inflation over the next 30 years (Attachment 3)).
3. **Corrective Action Plan (CAP Reserve)** – Staff proposes to use the Local Government Financial Test to fulfill the estimated \$634,925 obligation (Attachment 4).

The City expects to proceed with regulatory closure in 2016. The City has provided the required financial assurances for Closure and Post-Closure Maintenance of the Landfill. The City meets all the tests under the Local Government Financial Test to satisfy the Financial Assurance requirements for the Corrective

Continued on Page 2

RECOMMENDED ACTION(S): Adopt the Local Government Assurance (Option 1) to fulfill Corrective Action Plan (CAP) Finance Assurance with Cal Recycle, and by Resolution, Establish a Special Revenue Fund, Commit Transfer Station Rents, Provide an adjustment mechanism for existing Transfer Station Gate Fee Surcharge.

ALTERNATIVES: Adopt Revenue Pledge (Option 2) for Financial Assurance with Cal Recycle. Give other direction to Staff.

Citizens advised: N/A
Requested by: N/A
Prepared by: Karen Scalabrini, Finance Director and Tim Eriksen, Public Works Director/City Engineer.
Coordinated with: David Rapport, City Attorney.
Presenters: Karen Scalabrini, Finance Director and Tim Eriksen, Public Works Director/City Engineer.
Attachments:

1. Resolution
2. Closure Cost Estimate
3. Post-Closure Maintenance Cost Estimate
4. Cost Estimate for Corrective Action Plan
5. Recap of updated costs for Closure, etc.

COUNCIL ACTION DATE: _____: ☐ Approved ☐ Continued to _____ ☐ Other _____

RECORDS APPROVED: ☐ Agreement: _____ ☐ Resolution: _____ ☐ Ordinance: _____

Approved: 
Sage Sangiacomo, City Manager

Action Plan (CAP Reserve). Submittal of the documents required to establish that the City satisfies the Local Government Financial Test for the CAP reserve for CalRecycle approval will complete the last of the three Financial Assurance steps.

However, the most recent engineers' estimates, which include added costs for recent additional regulations, indicate that the approximate \$8.2 million the City has collected and set aside to cover all three obligations are not sufficient for Closure, the thirty-year Post-Closure Maintenance, and a CAP Reserve of the landfill. See Attachment 5 which recaps the additional costs making up the shortfall.

The City will be required to make up any shortfall of cash. The Staff has identified two Non-General Fund revenue sources to make up any short fall: Transfer Station Rents and Transfer Station Gate Fee Surcharge.

Discussion: In 2017, the City will become the owner of the Ukiah Transfer Station located on Taylor Drive. Under the terms of existing contracts, the City as owner, will begin to collect rents for the Transfer Station operator on January 1, 2017.

In order to stabilize the City Landfill Enterprise Fund, protect the General Fund, and insure that the City has sufficient funds to meet closure costs, Post-Closure Maintenance Costs, and the CAP reserve, the City can commit rent revenue from the Transfer Station to any unfunded costs for the landfill. Rental income can be recorded in a special revenue fund established by resolution (Attachment 1). In addition, once Transfer Station Rent revenue is committed to any short fall in closure, post-closure maintenance, and the CAP then an adjustment process for the already established Transfer Station Gate Fee Surcharge also needs to be spelled out; so that the two revenue sources can be applied to any unfunded shortfall in closure, post-closure, and CAP during the thirty-year post-closure maintenance period.

The City is required to provide Cal Recycle Financial Assurance for Corrective Action Plan (CAP Reserve) for the Ukiah Landfill located at 3100 Vichy Springs Road.

There are two ways to provide financial assurance to Cal Recycle:

1. **Local Government Assurance** - The City goes through and meets a list of Criteria for Finance Assurance as set forth in Title 27 of the California Code of Regulations, Section 22249, which provides as follows (with boldface added):

§ 22249. CIWMB--Local Government Financial Test

(a) **To pass the local government financial test**, and to demonstrate **financial responsibility for postclosure maintenance and/or corrective action costs**, an operator or a guarantor shall be a local government agency and **shall meet the criteria of (e), (f), (i) and (j) based on financial statements** prepared in conformity with Generally Accepted Accounting Principles for governments and have its financial statements **audited by an independent certified public accountant**.

(b) A local government is **not eligible** to assure its obligations under §22249 if it:

- (1) **Is currently in default on any outstanding general obligation bonds**, or
- (2) **Has any outstanding general obligation bonds rated lower than Baa as issued by Moody's or BBB as issued by Standard and Poor's**, or
- (3) **Has operated at a deficit equal to five percent or more of total annual revenue in each of the past two fiscal years**, or
- (4) **Receives an adverse opinion, disclaimer of opinion, or other qualified opinion from the**

independent certified public accountant auditing its financial statement as required by (a).

(c) The phrase "current postclosure maintenance cost estimates covered by the test" refers to the **current postclosure maintenance cost estimate required by (j)(1)** to be shown in paragraphs 1 and 2 of the letter from the chief financial officer.

(d) The phrase "**current corrective action cost estimates** covered by the test" **refers to the current corrective action cost estimate required by (j)(1)** to be shown in paragraphs 1 and 2 of the letter from the chief financial officer.

(e) The total amount of postclosure maintenance costs and corrective action costs which can be assured under this local government financial test is determined as follows:

(1) If the **local government** operator or guarantor **does not assure other environmental obligations through a financial test**, it may assure postclosure maintenance costs and/or corrective action costs that **equal up to 43 percent of the local government's total annual revenue.**

(2) If the local government operator or guarantor assures other environmental obligations through a financial test, including but not limited to those associated with underground injection control wells, petroleum underground storage tank facilities, PCB storage facilities, and hazardous waste treatment, storage, and disposal facilities, it must add those costs to the postclosure maintenance costs and/or corrective action costs it seeks to assure. The total that may be assured must not exceed 43 percent of the local government's or guarantor's total annual revenue.

(3) The operator or guarantor must obtain an alternate financial assurance instrument for those costs that exceed the limits set in (1) and (2).

(f) The operator or guarantor shall meet the criteria of either (g) or (h) based on the operator's or guarantor's most recent audited annual financial statements prepared in conformity with Generally Accepted Accounting Principles for governments.

(g) The operator or guarantor **shall satisfy each of the following financial ratios** based on the operator's or guarantor's most recent audited annual financial statements prepared in conformity with Generally Accepted Accounting Principles for governments:

(1) Liquidity ratio: **a ratio of cash plus marketable securities to total expenditures greater than or equal to 0.05; and**

(2) Debt service ratio: **a ratio of annual debt service to total expenditures less than or equal to 0.20; or**

(h) An operator or guarantor with outstanding, rated, general obligation bonds that are not secured by insurance, a letter of credit, or other collateral or guarantee must have such bonds with current investment grade rating as follows:

(1) Aaa, Aa, A or Baa, as issued by Moody's on all such general obligation bonds; or

(2) AAA, AA, A, or BBB, as issued by Standard and Poor's on all such general obligation bonds.

(i) The operator or guarantor shall provide public notice of the local government's assured obligations by placing a reference to the postclosure maintenance costs and/or corrective action costs assured through the financial test into its next comprehensive annual financial report (CAFR). If timing does not permit the reference to be incorporated into the most recently issued CAFR or budget prior to the first year the financial test is used to assure

local government solid waste facility obligations, the **reference may instead be placed in the operating record until issuance of the next available CAFR**. The operator **shall certify that the reference to the postclosure maintenance costs and/or corrective action costs assured through the financial test is provided. The operator's certification shall be submitted with the chief financial officer letter** as specified in (j)(2).

(1) For postclosure maintenance costs, conformance with Government Accounting Standards Board (GASB) Statement 18 assures compliance with this public notice requirement.

(2) The following, including the GASB requirements, shall be disclosed:

(A) The nature and source of requirements for those obligations assured by the local government financial test including postclosure maintenance costs and/or corrective action costs; and

(B) Postclosure maintenance costs recognized at the balance sheet date; and

(C) Estimated postclosure maintenance costs remaining to be recognized; and

(D) Percentage of landfill capacity used to date, as of the end of the latest completed fiscal year; and

(E) Remaining landfill capacity reported in cubic yards or tons as of the end of the latest completed fiscal year; and

(F) Estimated remaining useful landfill life in years; and

(G) Corrective action costs. The reference shall be placed in the CAFR not later than 120 days after the corrective action remedy has been selected as required under Article 1, Subchapter 3, Chapter 3 (§20380 et seq.).

(j) **Within 180 days after the close of each financial reporting year**, the operator or guarantor **shall submit the following items to the CIWMB** and, in the case of a guarantor also, to the operator;

(1) A **letter on the local government's letterhead** stationary that is **worded and completed as specified in Form CIWMB 112 (7/98)**, which is incorporated by reference, which contains an **original signature of the local government's chief financial officer**. An operator or guarantor shall use Form CIWMB 112 (7/98) to demonstrate or guarantee financial responsibility for postclosure maintenance costs and/or corrective action costs.

(A) If the operator or guarantor is using a similar financial test to demonstrate postclosure maintenance costs and/or corrective action costs for other environmental obligations including but not limited to those associated with underground injection control wells, petroleum underground storage tank facilities, PCB storage facilities, and hazardous waste treatment, storage, and disposal facilities, the operator or guarantor shall list those facilities, as well as the solid waste facility obligations it seeks to assure.

(2) A **letter from the local government's treasurer or auditor-controller certifying the relative size (43%) threshold as specified in (e), and the public notice requirement as specified in (i) have been satisfied.**

(3) A **copy of an independent certified public accountant's report on examination of the operator's or guarantor's financial statements for the latest completed fiscal year**, with a copy of the operator's or guarantor's financial statements for the latest completed fiscal year.

(A) An **unqualified opinion of the independent certified public accountant** is required.

(B) Local governments that have audits conducted only once every two years due to state law, may use the latest annual statement, audited or unaudited, provided that the most recent audit resulted in an unqualified opinion from the auditor.

(4) A **letter from an independent certified public accountant** that performed the audit:

(A) **Stating that he or she has reviewed the letter required by (j)(1) from the chief financial officer** including data derived from the financial statements for the latest completed fiscal year of the operator or the guarantor, **and compared the data with the amounts in the financial statements**; and

(B) **Describing the procedures performed and related findings, including whether or not there were discrepancies found in the comparison, based on an agreed-upon procedures engagement performed** in accordance with American Institute of Certified Public Accountants, Inc.'s (AICPA's) Statement on Auditing Standards No. 75, Engagements to Apply Agreed-Upon Procedures to Specified Elements, Accounts or Items of a Financial Statement.

(5) A copy of the **comprehensive annual financial report (CAFR) used to comply with (i) or certification by the local government's treasurer or auditor-controller that the requirements of General Accounting Standards Board Statement 18 have been met.**

(6) A copy of the bond rating on the bond rating service's letterhead stationary.

(k) The CIWMB may require updated financial statements at any time from the operator or guarantor. If the CIWMB finds that the operator or guarantor no longer meets the local government financial test requirements of (g) or (h), the operator shall obtain alternate coverage within 60 days after receiving the notification of such a finding.

(l) If, when preparing its annual update, an operator using the local government financial test fails to meet the requirements of the financial test under (g) or (h), the operator shall obtain alternate coverage within 210 days after the close of the financial reporting year.

(m) If the operator fails to obtain alternate coverage within the times specified in (k) or (l), the operator shall notify the CIWMB by certified mail within 10 business days of such failure.

(n) A **local government financial test may be combined with another payment mechanism to assure the amount of required coverage specified in §§22211 and 22221 of Subchapter 2.**

2. Pledge of Revenue - the City pledges revenues from a source of revenue available to the City for this purpose which can be used to pay for the Corrective Action Plan. The Pledge of Revenues option is provided in Title 27 of the California Code of regulations, Section 22245, which provides as follows:

§ 22245. CalRecycle--Pledge of Revenue

(a) A pledge of revenue shall consist of a resolution by the governing body of the operator or provider of financial assurance authorizing an agreement between the operator or provider of financial assurance and CalRecycle to establish the pledge. The resolution and the agreement shall remain effective continuously throughout the period in which the pledge of revenue is used to satisfy the requirements of Subchapter 2 of this Chapter.

(b) The agreement establishing the pledge of revenue shall contain the following items:

- (1) The types and sources of pledged revenue;
- (2) The amount of revenue pledged from each source;
- (3) The period of time that each source of revenue is pledged to be available; and
- (4) The solid waste landfill(s) and the current postclosure and/or corrective action cost estimate(s) that are covered by the pledge.
- (5) The authorization for CalRecycle to direct payment for postclosure maintenance and/or corrective action if CalRecycle determines that the operator has failed or is failing to perform post-closure maintenance or corrective action activities covered by the mechanism.

(c) An operator or provider of financial assurance shall pledge the following types of revenue that the operator or provider of financial assurance controls and that will be available in a timely manner to pay for postclosure maintenance or corrective action:

- (1) User fees, rents, or other guaranteed revenue from existing or planned solid waste facilities;
- (2) Tax increases within statutory limitations; and/or
- (3) Other guaranteed revenues that are acceptable to CalRecycle.

(d) If an operator or provider of financial assurance ceases at any time to retain control of its ability to allocate any pledged revenue to pay postclosure maintenance or corrective action costs, the operator or provider of financial assurance shall notify CalRecycle and shall obtain alternate coverage within 60 days after control lapses.

(e) Each resolution and agreement shall be submitted with a completed pledge of revenue form CalRecycle 114 (02/2010), which is incorporated by reference.

Recommendation: The City must choose an option for Financial Assurance for the Corrective Action Plan. The Finance Director has done the calculations necessary to determine that the City Meets the Local assurance test and believes that it would be the best option for the City because it provides the City with additional flexibility for the future.

FISCAL IMPACT:				
Budgeted Amount in 15-16 FY	New Appropriation Source of Funds (Title & No.)	Account Number	Budget Amendment Required	Previous Contract or Purchase Order No.
N/A	N/A	N/A	Yes ☐ No ☒	N/A

RESOLUTION NO. 2016-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF UKIAH ESTABLISHING FINANCIAL MECHANISM FOR FUNDING CLOSURE, POST-CLOSURE MAINTENANCE, AND CORRECTIVE ACTION PLAN FOR CITY OF UKIAH SOLID WASTE DISPOSAL SITE

WHEREAS:

1. The City of Ukiah solid waste disposal site ("Landfill") located at 3100 Vichy Springs Road, Mendocino County Assessor Parcel No. 178-130-01), consisting of a landfill footprint of approximately 40 acres, ceased operations and accepting solid waste in September 2001; and
2. Since September 2001, the City has maintained the Landfill, including monitoring wells surrounding the perimeter of the property and a leachate collection system that captures and disposes of leachate through the City's sewer system; and
3. Under applicable provisions of the California Public Resources Code and in Title 27 of the California Code of Regulations ("CCR"), the City is required to adopt a plan for the closure, post-closure maintenance, and corrective actions required for the Landfill; and
4. Pursuant to 27 CCR 21180(a), the City must provide post-closure maintenance and a corrective action plan reserve ("CAP") for a thirty-year period after closure; and
5. The cash collected by the City to provide for Closure, Post-Closure Maintenance, and the CAP reserve are reflected in the City's financial statements as a net position of the disposal site proprietary fund; and
6. The City is scheduled to complete the closure of the landfill ("Closure") in accordance with its approved closure plan in 2016; and
7. Recently, new and more costly regulatory requirements relating to Closure have been imposed by the California state agencies with jurisdiction over the Closure. These additional requirements, including installation of a methane gas collection system, would have been imposed, even if the Closure had occurred prior to the imposition of these new requirements; and
8. The most recent engineer's estimates for Closure, including the gas collection system and other additional requirements, indicate that the net proprietary fund for the Landfill is not sufficient to cover all of the costs of Closure, Post-Closure Maintenance, and to establish a CAP reserve; and
9. The City must provide the funding for Closure, Post-Closure Maintenance, and the CAP reserve; and
10. On January 1, 2017, pursuant to the Amended and Restated Transfer Station Agreement ("Transfer Station Agreement") between the City of Ukiah and Solid Waste Systems, Inc. ("SWS"), dated December 12, 2011, the City is entitled to acquire legal title to the Transfer Station (Transfer Station) located at 3151 Taylor Drive, Ukiah, California, and the City and SWS are obligated to enter a lease under which SWS will continue to operate the transfer station and pay rent ("Transfer Station Rent") to the City for the use of the Transfer Station; and

10. Dedicating Transfer Station Rent to fund Closure, Post-Closure Maintenance, and the Cap Reserve as further provided herein will provide a source of revenue to fund those obligations which exceed the disposal site proprietary fund; and

11. Commencing on January 1, 2012, the City adopted a City Surcharge on the Gate Fee at the Transfer Station ("Surcharge") to provide a source of revenue in the Landfill/Solid Waste Enterprise Fund for Closure and Post-Closure Maintenance, and the CAP reserve. The Surcharge is currently \$2.00 per ton of Solid Waste received at the Transfer Station. The Surcharge is collected by SWS and remitted to the City, where it is recorded as revenue in the Landfill/Solid Waste Enterprise Fund as Closure and Post-Closure Reserve; and

12. Committing the Surcharge at its current level or any future level approved by the City Council will stabilize the Landfill/Solid Waste Enterprise Fund, provide a dedicated source of revenue to comply with the City's Closure and Post-Closure Maintenance costs, and the establishment and replenishment of the Cap Reserve; and

13. The combination of the disposal site proprietary fund, Transfer Station Rent, and the Surcharge will provide adequate funding for City's Closure and Post-Closure Maintenance costs, and the establishment and replenishment of the Cap Reserve, provided however, that an increase in the Surcharge may be necessary once the final Closure costs and the method of financing the City's obligations is determined;

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Ukiah as follows:

1. Transfer Station Rent is hereby committed to any unfunded Closure costs, Post-Closure Maintenance costs, and the establishment and replenishment of the CAP reserve.

2. There is hereby established a Transfer Station Rents Special Revenue Fund (Special Revenue Fund) for all Transfer Station Rent revenue which fund is established and dedicated to pay for any Closure costs, Post-Closure Maintenance costs, and the establishment and replenishment of the CAP reserve.

3. Revenue recorded in the Special Reserve Fund shall be given first preference over other revenue sources, other than grants, in funding Closure and Post-Closure Maintenance expenses and CAP reserve requirements that are not funded by the disposal site proprietary fund.

4. Any Closure and Post-Closure Maintenance expenses and CAP reserve requirements not funded by grants, the disposal site proprietary fund, and the Special Revenue Fund shall be funded by the Surcharge.

5. The City Finance Director is hereby directed to prepare for City Council the approval a Financial Plan (Plan) to extinguish in fifteen years the estimated unfunded Closure and thirty-year Post-Closure Maintenance costs, and the CAP reserve requirements, and present the Surcharge to be applied to the Transfer Station Gate Fee commencing on January 1, 2017. The revised Surcharge shall be submitted to the City Council for approval no later than October 2016. Thereafter, in September of each year, the City Finance Director shall prepare an update of the Plan to fund Closure, Post-Closure Maintenance, and CAP requirements. Any recommended increase or decrease in the Surcharge resulting from the annual update of the Plan shall be presented to the City Council for approval in October, and if approved, will be applied to the Transfer Station Gate Fee immediately following January 1st.

PASSED AND ADOPTED this 6th day of January 2016, by the following roll call vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST:

Stephen G. Scalmanini, Mayor

Kristine Lawler, City Clerk

**FINAL CLOSURE COST ESTIMATE WORKSHEET
CITY OF UKIAH LANDFILL**

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**CITY OF UKIAH
DEPT. OF PUBLIC WORKS**

PROJECT DESCRIPTION

The information presented herein provides an itemized breakdown of costs to implement the final closure construction activities summarized in the Construction Drawings for the Final Closure of the City of Ukiah Landfill

PREPARED BY: EBA ENGINEERING

GENERAL SITE INFORMATION

Name of Solid Waste Landfill:	City of Ukiah Landfill
Solid Waste Facilities Permit No.:	23-AA-0019
Facility Operator:	City of Ukiah, Department of Public Works
Site Owner:	City of Ukiah, Department of Public Works
Site Location (CA coordinates, township & range or longitude/latitude, preferred)	SE 1/4, Section 10 Township 15 North, Range 12 West
Assessors Parcel Number:	178-130-010
Site Address:	3100 Vichy Springs Road Ukiah, CA

FINAL CLOSURE COSTS

1. Final Closure Costs

a. Miscellaneous - Mobilization, Removal, Adjustment, Demolition	\$ 129,680	See Cost Estimate Worksheet - Item 1-13
b. Final Cover	\$ 6,752,703	See Cost Estimate Worksheet - Items 14-19, 33-39, 41
c. Drainage Facilities	\$ 552,908	See Cost Estimate Worksheet - Items 21-32
d. Access Roads	\$ 172,575	See Cost Estimate Worksheet - Item 20
e. Landfill Gas Extraction System	\$ 599,535	See Cost Estimate Worksheet - Items 42-68
f. Landfill Leachate Collection System Modifications	\$ 52,965	See Cost Estimate Worksheet - Items 69-73
g. Revegetation	\$ 27,000	See Cost Estimate Worksheet - Item 40

Contractor Bid Subtotal \$ 8,287,366

2. Design Support Engineering \$ 15,000

3. Construction Quality Assurance for Closure Construction \$ 317,040

4. Landfill Structure Removal \$ - Included in Above

5. Groundwater Monitoring Installations \$ - None

6. Security \$ - Included in Above

Final Closure Subtotal \$ 8,619,406

Final Closure Subtotal 20% Contingency \$ 1,723,881

TOTAL FINAL CLOSURE \$ 10,343,287

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ENGINEER'S COST ESTIMATE
FINAL CLOSURE CONSTRUCTION
CITY OF UKIAH LANDFILL
August 14, 2015

CITY OF UKIAH
DEPT. OF PUBLIC WORKS

ITEM No.	ITEM	UNIT	UNIT PRICE	QTY	TOTAL PRICE
1	Mobilization	LS	\$ 100,000.00	1	\$ 100,000
2	Adjust Existing Groundwater Monitoring Well to Grade	EA	\$ 500.00	3	\$ 1,500
3	Adjust Existing Leachate Wells to Grade	EA	\$ 500.00	2	\$ 1,000
4	Remove Existing CMP and HDPE Downdrains and Drain Outlets	LS	\$ 5,000.00	1	\$ 5,000
5	Remove Existing Leachate Piping	LS	\$ 2,500.00	1	\$ 2,500
6	Adjust Existing Leachate Manholes To Grade	EA	\$ 1,000.00	5	\$ 5,000
7	Install G5 Traffic Vault with Checker Plate Top	EA	\$ 1,000.00	1	\$ 1,000
8	Adjust Existing Gas Vault to Grade	EA	\$ 500.00	2	\$ 1,000
9	Install B2436 Gas Extraction Vault with Checker Plate Top	EA	\$ 1,000.00	5	\$ 5,000
10	Adjust Existing ARV and Vault to Grade	EA	\$ 500.00	1	\$ 500
11	Adjust Existing LFG Perimeter Monitoring Wells to Grade	EA	\$ 500.00	4	\$ 2,000
12	Remove Existing Fencing	LF	\$ 2.00	90	\$ 180
13	Structure Demolition	LS	\$ 5,000.00	1	\$ 5,000
14	Clearing and Grubbing	AC	\$ 850.00	61.2	\$ 52,020
15	Refuse Excavation and Relocation	CY	\$ 10.00	13,500	\$ 135,000
16	Refuse Disposal	TON	\$ 120.00	75	\$ 9,000
17	Sedimentation Basin Excavation	LS	\$ 5,000.00	1	\$ 5,000
18	Subgrade Preparation	SF	\$ 0.10	1,937,730	\$ 193,773
19	Fill (Foundation Layer and Engineered Fill)	CY	\$ 3.50	114,500	\$ 400,750
20	Access Roads	SF	\$ 1.30	132,750	\$ 172,575
21	Drain Inlets (4' x 4') Concrete	EA	\$ 2,500.00	13	\$ 32,500
22	Drain Inlets (2' x 2') Concrete	Ea	\$ 1,000.00	5	\$ 5,000
23	18" CMP Drain Pipe (Above Ground)	LF	\$ 40.00	40	\$ 1,600
24	18" CMP Drain Pipe (Buried)	LF	\$ 55.00	120	\$ 6,600
25	18" HDPE Drain Pipe (Buried)	LF	\$ 55.00	1,733	\$ 95,315
26	Sedimentation Basin Drainage Riser	LS	\$ 2,500.00	1	\$ 2,500
27	Type I Swale	LF	\$ 1.50	735	\$ 1,103
28	Type II Swale	LF	\$ 6.00	7,965	\$ 47,790
29	Type III Swale	LF	\$ 35.00	5,540	\$ 193,900
30	Drainage Channel Grading (excludes turf, geomembrane, hydrobinder)	LF	\$ 10.00	2,685	\$ 26,850
31	Grouted Riprap Outlets	EA	\$ 2,000.00	6	\$ 12,000
32	Loose Rock Riprap Inlets, Outlets, Channel Ends	SF	\$ 35.00	3,650	\$ 127,750
33	Erosion Control (Straw and Netting)	SF	\$ 0.23	253,465	\$ 58,297
34	Geomembrane	SF	\$ 1.05	1,937,730	\$ 2,034,617
35	Geomembrane Surficial Strips	LF	\$ 3.50	11,828	\$ 41,398
36	Engineered Turf with 5/8" Sand Ballast Infill	SF	\$ 1.90	1,817,870	\$ 3,453,953
37	Engineered Turf with 2" Sand Ballast Infill	SF	\$ 2.05	10,930	\$ 22,407
38	Engineered Turf with HydroBinder Infill	SF	\$ 2.65	108,930	\$ 288,665
39	Engineered Turf/Geomembrane Anchor Trench	LF	\$ 5.00	8,565	\$ 42,825
40	Seeding and Fertilizing	AC	\$ 2,500.00	10.8	\$ 27,000
41	Temporary Erosion and Sediment Control	LS	\$ 15,000.00	1	\$ 15,000
42	Flare Station Concrete Slabs	CY	\$ 800.00	11.5	\$ 9,200
43	LFG Extraction Wells	VLF	\$ 90.00	940	\$ 84,600
44	Prefabricated Wellhead Assemblies	EA	\$ 750.00	18	\$ 13,500
45	Additional Borehole Setup	EA	\$ 350.00	3	\$ 1,050
46	Borehole Abandonment	VLF	\$ 45.00	100	\$ 4,500
47	LFG Collection Foot Assembly	EA	\$ 800.00	56	\$ 44,800
48	8" PVC Pipe and Fittings	LF	\$ 16.00	12,195	\$ 195,120
49	6" PVC Pipe and Fittings	LF	\$ 15.00	179	\$ 2,685
50	4" PVC Pipe and Fittings	LF	\$ 14.00	500	\$ 7,000
51	8" Isolation Valve	EA	\$ 1,500.00	16	\$ 24,000
52	6" Isolation valve	EA	\$ 1,200.00	1	\$ 1,200
53	8" Flexible Couplings	EA	\$ 350.00	99	\$ 34,650
54	6" Flexible Couplings	EA	\$ 300.00	3	\$ 900
55	Vacuum Test Ports	EA	\$ 50.00	21	\$ 1,050
56	Staked Pipe Supports	EA	\$ 130.00	5	\$ 650
57	Block Type Pipe Supports	EA	\$ 50.00	1,300	\$ 65,000

**ENGINEER'S COST ESTIMATE
FINAL CLOSURE CONSTRUCTION
CITY OF UKIAH LANDFILL
August 14, 2015**

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CITY OF UKIAH
DEPT. OF PUBLIC WORKS

ITEM No.	ITEM	UNIT	UNIT PRICE	QTY	TOTAL PRICE
58	Metal Frame Pipe Supports	EA	\$ 130.00	5	\$ 650
59	Buried Header Crossing	EA	\$ 1,000.00	4	\$ 4,000
60	Type 1 Road Crossing	EA	\$ 2,500.00	4	\$ 10,000
61	Type 2 Road Crossing	EA	\$ 2,800.00	2	\$ 5,600
62	2" HDPE Pipe and Fittings	LF	\$ 15.00	2,110	\$ 31,650
63	Condensate Drop Outs	EA	\$ 2,000.00	6	\$ 12,000
64	Condensate Discharge Points	EA	\$ 1,000.00	6	\$ 6,000
65	Flare Station Assembly	LS	\$ 12,000.00	1	\$ 12,000
66	Security Fencing	LF	\$ 25.00	210	\$ 5,250
67	Flare Station Aggregate Base	SF	\$ 1.30	9,600	\$ 12,480
68	Electrical and Telephone Feed	LS	\$ 10,000.00	1	\$ 10,000
69	12" Leachate Collection Piping	LF	\$ 45.00	149	\$ 6,705
70	6" Leachate Collection Piping	LF	\$ 40.00	44	\$ 1,760
71	Concrete Junction Boxes	EA	\$ 2,000.00	3	\$ 6,000
72	Leachate Sediment Chamber/Wet Well Lining	LS	\$ 3,500.00	1	\$ 3,500
73	Leachate UST	LS	\$ 35,000.00	1	\$ 35,000
TOTAL					\$8,287,366

LS Lump Sum
CY Cubic Yard
AC Acre
SF Square Feet
LF Linear Feet
VLF Vertical Linear Feet

EA Each
PVC Polyvinyl Chloride
HPDE High-Density Polyethylene
LFG Landfill Gas
UST Underground Storage Tank

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AUG 14 2015

CITY OF UKIAH
DEPT. OF PUBLIC WORKS

INSPECTION, TESTING AND REPORTING COSTS
CITY OF UKIAH LANDFILL

ITEM No.	ITEM	UNIT	UNIT COST	QTY	TOTAL COST	
DAILY INSPECTION, RECORDKEEPING & REPORTING						
1	EBA - Progress Meetings (incl. travel)	Day	\$ 1,390.00	39	\$ 54,210	Assumes 1 day per week for 39 weeks, 8 hrs. per day
2	EBA - Inspections (incl. travel)	Day	\$ 1,070.00	39	\$ 41,730	Assumes 1 day per week for 39 weeks, 8 hrs. per day
3	EBA - Administration	Day	\$ 1,000.00	39	\$ 39,000	Assumes 8 hrs per week for admin, coordination
4	Daily Geotechnical Inspections (FL/EF)	Day	\$ 1,000.00	46	\$ 46,000	Assumes 2,500 CY/day for FL and EF material
5	Daily Geomembrane Inspections	Day	\$ 1,000.00	45	\$ 45,000	Assumes 1 acre per day
6	Daily Engineered Turf Inspections	Day	\$ 1,000.00	30	\$ 30,000	Assumes 1.5 acre per day
7	Travel and per diem for Geotechnical and Geo/Turf Inspections	Trip	\$ 150.00	75	\$ 11,250	
8	Project Management for Geotechnical and Geo/Turf Inspections	Hr	\$ 135.00	40	\$ 5,400	
9	Final Construction Report	EA	\$ 28,000.00	1	\$ 28,000	
SUBTOTAL (Daily Inspection, Recordkeeping & Reporting):					\$ 300,590	
SAMPLING & TESTING PROGRAM						
1	ASTM D 638, Tensile Properties (Geomembrane)	EA	\$ 70.00	19	\$ 1,330	Assumes testing per every 100,000 SF
2	ASTM D 1505, Density (Geomembrane)	EA	\$ 35.00	19	\$ 665	Assumes testing per every 100,000 SF
3	ASTM D 1603, Carbon Black Content (Geomembrane)	EA	\$ 35.00	19	\$ 665	Assumes testing per every 100,000 SF
4	ASTM D 5596, Carbon Black Dispersion (Geomembrane)	EA	\$ 25.00	19	\$ 475	Assumes testing per every 100,000 SF
5	ASTM D 5994, Sheet Thickness (Geomembrane)	EA	\$ 10.00	19	\$ 190	Assumes testing per every 100,000 SF
6	ASTM D 6241, CBR Puncture (Turf)	EA	\$ 70.00	19	\$ 1,330	Assumes testing per every 100,000 SF
7	ASTM D 4595, Tensile Properties (Turf)	EA	\$ 70.00	19	\$ 1,330	Assumes testing per every 100,000 SF
8	ASTM D 96459, Rainfall Induced Erosion (Turf)	EA	\$ 250.00	1	\$ 250	Assumes testing one per lot
9	ASTM G 147, Fiber UV Stability (Turf)	EA	\$ 35.00	19	\$ 665	Assumes testing per every 100,000 SF
10	ASTM G 1545, Backing System UV Stability (Turf)	EA	\$ 35.00	19	\$ 665	Assumes testing per every 100,000 SF
11	ASTM D 7277, Hydraulic Overlapping (Turf)	EA	\$ 250.00	1	\$ 250	Assumes testing one per lot
12	ASTM D 4716, Transmissivity (Turf)	EA	\$ 50.00	19	\$ 950	Assumes testing per every 100,000 SF
13	ASTM D 5321, Internal Friction (Turf)	EA	\$ 350.00	1	\$ 350	Assumes testing per every 100,000 SF
14	ASTM D 6913, Sand Infill Gradation (Turf)	EA	\$ 90.00	19	\$ 1,710	Assumes testing per every 100,000 SF
15	ASTM D 5261, Yarn Weight (Turf)	EA	\$ 35.00	1	\$ 35	Assumes testing one per lot
16	ASTM D 1256, Tensile Strength of Yarn (Turf)	EA	\$ 70.00	1	\$ 70	Assumes testing one per lot
17	ASTM D 422, Particle Size (FL/EF)	EA	\$ 90.00	23	\$ 2,070	Assumes testing per every 5,000 CY
18	ASTM D 1557, Moisture & Max. Relative Comp. (FL/EF)	EA	\$ 140.00	23	\$ 3,220	Assumes testing per every 5,000 CY
19	ASTM D 2487, Soil Classification (FL/EF)	EA	\$ 10.00	23	\$ 230	Assumes testing per every 5,000 CY
SUBTOTAL (Sampling and Testing):					\$ 16,450	
TOTAL					\$ 317,040	

Hr: Hour
EA: Each
FL: Foundation Layer

EF Engineered Fill

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CITY OF UKIAH
DEPT. OF PUBLIC WORKS**FINAL POSTCLOSURE MAINTENANCE COST ESTIMATE WORKSHEET
CITY OF UKIAH LANDFILL****PROJECT DESCRIPTION**

The information presented herein provides an itemized breakdown of costs to implement postclosure maintenance activities for the City of Ukiah Landfill during the 30-year postclosure maintenance period.

PREPARED BY: EBA ENGINEERING**GENERAL SITE INFORMATION**

Name of Solid Waste Landfill: City of Ukiah Landfill

Solid Waste Facilities Permit Number: 23-AA-0019

Facility Operator: City of Ukiah, Department of Public Works

Site Owner: City of Ukiah, Department of Public Works

Site Location (CA coordinates, township & range or longitude/latitude, preferred) SE 1/4, Section 10
Township 15 North, Range 12 West

Assessors Parcel Number: 178-130-010

Site Address: 3100 Vichy Springs Road
Ukiah, CA

FINAL POSTCLOSURE MAINTENANCE COSTS

1. Revegetation		
a. Regrading	\$	1,185
b. Erosion Control	\$	-
c. Reseeding	\$	-
2. Leachate Management		
a. Leachate System Maintenance	\$	2,600
b. Leachate/Condensate Disposal	\$	690
c. Leachate Monitoring and Reporting	\$	2,193
d. Leachate 5-year Constituents of Concern Testing (normalized to cost per year)	\$	354
3. Environmental Monitoring		
a. LFG Collection System Operation, Monitoring and Maintenance	\$	29,707
b. Annual Source Testing of Flare	\$	3,860
c. AB32 Surface Emissions Monitoring and Reporting	\$	11,632
d. Perimeter LFG Monitoring and Reporting	\$	4,931
e. Perimeter Monitoring Probe Replacement (normalized to cost per year)	\$	3,717
f. Perimeter Monitoring Probe Maintenance	\$	299
g. Groundwater Monitoring and Reporting	\$	41,998
h. Groundwater 5-year Constituents of Concern Testing (normalized to cost per year)	\$	3,104

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CITY OF UKIAH
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3. Environmental Monitoring (<i>continued</i>)		
i. Monitoring Well Replacement (normalized to cost per year)	\$	5,724
j. Monitoring Well Maintenance	\$	515
k. Surface Water Monitoring and Reporting	\$	2,432
l. Surface Water 5-year Constituents of Concern Testing (normalized to cost per year)	\$	365
4. Drainage Maintenance	\$	2,720
5. Security	\$	1,226
6. Inspection	\$	3,152
7. Other		
a. 5-year Iso-Settlement Analysis (normalized to cost per year)	\$	1,667
Final Postclosure Maintenance Subtotal	\$	124,072
Subtotal x 30 years Postclosure Care	\$	3,722,158

GEORGE C. RAU, P.E.
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JAVIER J. RAU
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ROGER VINCENT, P.E.
CATHY A. McKEON, P.E.



January 9, 2014

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

Job Number: R13080-0

**RE: COST ESTIMATE FOR CORRECTIVE ACTION PLAN FOR NON-WATER RELEASE
FOR THE CITY OF UKIAH LANDFILL, 3100 VICHY SPRINGS ROAD, UKIAH CA**

Dear Mr. Eriksen:

This report is provided to the City of Ukiah (City) to comply with Title 27 of the California Code of Regulations (27 CCR). Revised regulations were adopted by the California Integrated Waste Management Board (now CalRecycle) in December 2009. Section 22101 (b) became effective July 1, 2011, which now requires that landfill owners prepare a Non-Water Release Corrective Action Plan Financial Assurance Cost Estimate. Section 22102 (c) of 27 CCR requires that the Corrective Action Plan (CAP) be prepared and certified by a third party not currently employed by the entity responsible for the design of the landfill in question. Rau and Associates, Inc. (RAU) has not been involved in the design of the City of Ukiah Landfill (Landfill). Preparation of this document by RAU therefore satisfies the third party requirement.

Landfill operators have three choices for establishing the amount for financial assurance required for corrective actions. The choices for the cost basis are:

- 1) cost for replacement of the final cover;
- 2) closure cost estimate for the landfill; or
- 3) cost of a site-specific corrective action plan (CAP).

The cost analysis of the site-specific CAP is required to assess known or reasonably foreseeable impacts due to causal events that include earthquake, flood, precipitation, tsunami, seiche, and fire. In addition, the assessment must include, as applicable, an evaluation of the long-term performance of the final cover system to ensure that it will continue to meet the requirements of 27 CCR Section 21140 without the need for corrective action; and must offer provisions to restore the integrity or establish the adequacy of a damaged or inadequate containment structure or environmental monitoring or control system, to bring a landfill into compliance with the applicable requirements.

Causal events are considered individually and are not required to be assumed to happen concurrently. Upon completion of the analysis of non-water causal events, the corrective action cost of the causal event which is shown to be the highest is then compared to the groundwater corrective action. The City of Ukiah (City) is then required to provide financial assurance for

corrective action based on the higher amount of either the “water” release corrective action or the highest of the “non-water” release corrective action.

DETERMINING WHEN A CORRECTIVE ACTION COST ESTIMATE IS REQUIRED

Several technical documents providing guidance are available at the California Department of Resources Recycling and Recovery (CalRecycle) web site and have been consulted in preparing this letter report. One such document entitled “Background Document on Best Management Practices (BMPs) for Site-specific Non-water Release Corrective Action Plans” dated December 2010, reflects the work of a technical advisory group formed to compile draft Best Management Practices (BMPS). These BMPs assist the report preparer in determining when a corrective action cost estimate is required to be prepared and are referred to often herein.

CURRENT FACILITY STATUS

The City of Ukiah Landfill, located at 3100 Vichy Springs Road, Ukiah, CA 95482, was operated as a Class III Solid Waste Facility. The landfill operated as a “burn dump” from approximately 1951 to 1971. After that it received waste as a sanitary landfill until it ceased operations in September 2001¹. The site is approximately 284 acres, with the permitted landfill occupying approximately 40 acres. It is an unlined canyon-type fill placed against the north facing slope. An unnamed tributary to the Russian River forms the north perimeter of the landfill site. The elevation of the final cap will be lowest at the WNW corner at approximate elevation 700’ and at its highest, near the central southern perimeter, where it will be approximately 970’.

Monitoring and reporting onsite conditions since ceasing operations has been managed on a routine basis, as well as in response to events. Monitoring and reporting is performed by: Alpha Analytical (water sampling and analytical testing), and EBA Engineers (groundwater reporting, landfill gas sampling and reporting, and industrial stormwater discharge reporting). City of Ukiah staff performs a variety of routine inspections, documenting erosion control problems, impacts on surface waters, condition of cover and vegetation, condition of drainage facilities, freeboard in leachate holding facilities, conditions of sedimentation basins, condition of access roads, and other problems that affect the City’s ability to comply with the Waste Discharge Requirements. Documentation provided included the 2012 Annual Detection Monitoring Report and the 2012-2013 Annual Report for Discharges Associated with Industrial Activities, and the 2013 Fourth Quarter Landfill Gas Monitoring Report, all prepared by EBA. In addition, copies of various observation and data collection used by City staff were reviewed.

Planning for the closure of the Ukiah Landfill has been underway since before commercial operations ceased. A Final Closure and Postclosure Maintenance Plan was submitted for agency review in August 1999. Since that time, work has continued on studies, planning and final design, while discussions continued with regulatory agencies. Landfill Final Closure Construction Plan Sheets and Technical Specifications, as well as other documents have been prepared by EBA Engineering, Inc. of Santa Rosa, CA. The final version of the package was most recently submitted on October 31, 2013 for review and approval by the California Regional Water Quality Control Board – North Coast Region (RWQCB); the California Department of Resources Recycling and Recovery (CalRecycle); Mendocino County Air Quality Management District; and the Mendocino County Environmental Health Division which acts as the Local Enforcement Agency (LEA). The submittal documents included the Final Cover Stability

¹ Lawrence & Associates, “Amended Gas-Mitigation Corrective Action Plan for Perimeter Gas Migration at the City of Ukiah Sanitary Landfill, Mendocino County, CA”, August 1996

Analysis; Drainage Analysis; Design Plan for Landfill Gas Collection and Control System; Construction Quality Assurance (CQA) Plan; and the Updated Final Closure and Postclosure Maintenance Cost Estimates.

The contract for the Landfill Final Closure Construction is tentatively planned to go out to bid February 1, 2014. Construction is anticipated to be completed during one construction season. Planning and budgeting for maintenance commitments assumes a 30-year post-closure maintenance period. Post-closure maintenance tasks include but are not limited to vegetation management, surface water drainage, and erosion control; leachate collection, disposal, monitoring and reporting; landfill gas collection, disposal, monitoring and reporting; security and inspection; monitoring for slope stability and settlement.

EVALUATION OF CAUSAL EVENTS

The following sections provide summaries of the analyses of the causal events listed in 27 CCR Section 22100 (a), and the extent to which each are known or reasonably foreseeable. BMPs for each category are taken from "Best Management Practices (BMPs) for Site-specific Non-water Release Corrective Action Plans" (CalRecycle, 2010). Supporting documents referred to in the following sections are included in Appendices A-F attached to this letter report.

In those cases where the analysis determines that a causal event is known or reasonably foreseeable, then a cost analysis is included immediately thereafter. Quantities and unit costs from the October 31, 2013 construction cost estimate prepared by EBA have been checked for reasonableness and used to develop cost estimates. Information is supplemented by other sources as necessary.

Appendix G includes an index of the Joint Technical Documents for the City of Ukiah Landfill.

A. Earthquake

California is known for earthquakes and is reported to have more than 100 active faults. The most notable fault in Mendocino County is the Holocene-era Maacama Fault, stretching approximately 90 miles trending north-northwest from Santa Rosa to Laytonville. This fault runs past Ukiah on the east side and past Willits on the west side. This fault is recognized as being capable of producing a moderate to strong future earthquake with accompanying surface rupture.

CalRecycle's BMP guidelines outline three criteria which must be evaluated in determining whether an earthquake at the landfill site would be considered a reasonably foreseeable causal event. Those three are:

- 1) Ground Motion - If a landfill is not designed to the Maximum Credible Earthquake (MCE), a deterministic or probabilistic evaluation is required to compare the design of the landfill to determine the potential damage due to ground movement and ground acceleration;
- 2) Liquefaction - Evaluate the potential effects of liquefaction if the landfill is located in a Seismic Hazard Zone; and
- 3) Fault Rupture - Evaluate for the potential damage from fault ruptures if the landfill is located within 200 feet of Holocene fault zones.

Ground Motion:

As outlined in the "JTD Final Closure Plan" (EBA, 2008) and summarized in the "Final Cover Stability Analysis - Ukiah Landfill Closure" (EBA, Oct 2013), the final landfill cover system is designed to withstand a MCE. The analysis conducted determined that an MCE with an

estimated magnitude 7.1 Mw resulting in a peak bedrock acceleration of 0.66g occurring on the Maacama fault system would induce a yield-acceleration (Ky) of 0.13g and will result in a permanent displacement of less than 8". This magnitude of displacement for the refuse mass is not expected to produce significant damage to the final cover system or other environmental controls. The identified displacement is less than the BMP recommended allowable displacement of 12 inches.

The slope stability of the final cover system was also analyzed by EBA and is included in the above mentioned report. Conclusions on page 4 of the report summarize results that the GCL engineered alternative cover system at the prescribed slopes and conditions should be stable throughout the post closure period, with a minimum factor of safety of 1.5. Permanent displacement of approximately 4" could occur in the final cap under seismic loading.

Liquefaction:

Regulatory Maps which are certified by the State Geologist are available at <http://www.quake.ca.gov/gmaps/WH/regulatorymaps.htm> on the California Department of Conservation website. A copy of the Ukiah Quadrangle map dated January 1, 1982 and entitled Special Studies Zones, is included in Appendix A. It outlines the Seismic Hazard Zone (Special Studies Zone) encompassing the Maacama fault. The Landfill site is situated 0.8 mile east of and outside of the Seismic Hazard Zone. Soil types are clay-bound sediments in Continental Terrace deposits which typically are not subject to liquefaction from ground shaking.²

Fault Rupture:

As mentioned above, Maacama is a Holocene fault. The Landfill site is situated outside of the Seismic Hazard Zone and at a distance of approximately 0.9 mile east of the fault line indicated on the above mentioned map.

As outlined above, the characteristics of the Landfill satisfy each of the BMPs identified for ground motion, liquefaction, and fault rupture. Therefore, corrective action cost estimates are not required and have not been developed, as the earthquake elements listed do not represent a reasonably foreseeable causal event.

B. Flood

Regional flooding can result in damages caused by inundation and washout of equipment and controls; erosion and slope failures; and can affect leachate and landfill gas generation. CalRecycle's BMP for evaluating flooding as a causal event requires a determination whether the site is located within a 500-year flood zone or the lowest elevation of the landfill perimeter is higher than the predicted elevation of the 500-year flood.

The Flood Insurance Rate Map (FIRM) prepared by FEMA, Map Number 06045C1516F, was last updated June 2, 2011. An excerpt of the FIRM (FIRMETTE) encompassing the Landfill area is included in Appendix B. It shows that the Landfill site is located outside the 500-year flood boundary and outside the 100-year flood hazards area. A small area of 500-year flood hazard is shown on this panel to be along Sulphur Creek (to the south of the site), at approximate elevation 734'. The road entering the Landfill site rises to an elevation near the entrance of approximately 837', passing over a saddle in the intervening ridge from the Sulphur

² _____, "Ground-Water Resources in Mendocino County, California," California Department of Water Resources [DWR] and Mendocino County; 1986. U. S. Geological Survey, Water-Resources Investigations. Report 85-4258.

Creek watershed over to the watershed of the unnamed tributary to the Russian River. The small unnamed ephemeral creek is located along the north side of the landfill. A well compacted graveled road parallels the creek separating the landfill waste areas from the creek.

As well as the FIRMETTE mentioned above, a FIRMETTE created from Map Number 06045C1512F shows the stretch of the Russian River where this unnamed tributary joins, is included in Appendix B. The nearest 500-year floodplain area on this watershed is along the Russian River and is over 1.5 miles away from the Landfill site. The lowest point on the perimeter of the Landfill, at the west end, is at approximate elevation 700'. The 500-year flood elevation at the Russian River at its nearest point is 608'.

The Landfill site is outside the Dam Failure Hazard Areas map for Mendocino County, a copy of which is included in Appendix B. The Ukiah Landfill site is indicated on the Ukiah inset on the right hand side.

Based on the mapped flooding information and the presence of the elevated road forming a barrier to the creek, flooding does not represent a reasonably foreseeable causal event and corrective action cost estimates have not been developed.

C. Precipitation

High intensity storm events can cause localized flooding, and can result in erosion, sediment transport, landsliding; damage to equipment, controls, and drainage structures; and can cause waste to become exposed. CalRecycle's BMP for precipitation identifies a 1,000-year 24-hour storm event as a causal event to be used to determine what corrective action will be required.

Data for storm events have been catalogued for many, many years. Among other things, this data is used to determine the magnitude and intensity of storm events and to estimate the probability of an event occurring in a given period of time. These events are identified as 50-year floods, 100-year floods, 500-year floods, and so on. The data is useful in evaluating risk. A good example of its use is the FEMA Flood Insurance Rate Mapping which identifies areas prone to flooding, and provides a tool for planning to assure that physical changes made to an area do not increase flooding hazards, and that structures are not placed in areas prone to flooding. As stated previously in Flooding, the Landfill site is not located with a 500-year floodplain as identified in maps included in Appendix B.

Class II Landfill facilities are required by regulations to be designed to withstand a 1,000-year 24-hour storm. Therefore the BMP criteria would not be a causal event for a Class II Landfill and a corrective action cost estimate would not be required. The City of Ukiah Landfill is a Class III facility, and as required by 27 CCR, Section 20320(e), the drainage control facilities for the Landfill were designed to prevent inundation of the landfill or impairment of the environmental control systems from a 100-year storm event. EBA's report entitled "Drainage Analysis – City of Ukiah Landfill – Final Closure Construction" (EBA, October 2013) summarizes the analyses performed to assure that the facilities can meet the required 100-year criteria.

The NOAA National Weather Service Hydrometeorological Design Studies Center sponsors a website user interface where one can find precipitation frequency estimates for various locations and durations. This site can be accessed at <http://dipper.nws.noaa.gov/hdsc/pfds/>. Two weather reporting station sites are in the general area of the Landfill and offer data for comparison. One location near downtown Ukiah, Site NCDC #04-9122, is approximately three miles WSW of the Landfill, and is managed by the Ukiah Fire Department. The other station, which is managed by US Army Corp of Engineers (USACE), is at Lake Mendocino, Site #72-0009. It is situated approximately 2.5 miles north of the site. Printouts of the Point

Precipitation Frequency Estimates from the website, with 90% confidence intervals (in inches), for each of the sites are included in Appendix C. The total rainfall for 24-hours in a 1,000-year storm is estimated for the stations at Ukiah as 9.79", and at Lake Mendocino as 9.48".

As the estimated precipitation of a 1,000-year 24-hour storm event exceeds the design criteria for this facility, precipitation is a reasonably foreseeable causal event. It is anticipated that damage will occur, and a corrective action cost estimate has been prepared and is summarized in Table 1 following.

Description of Assumptions and Anticipated Damages:

Precipitation of this intensity and duration will have an erosive effect on the landfill site. Gravel roads on benches are intended to serve as roadways to provide access throughout the site. Additional damage is also likely to occur as it becomes necessary to use the roads during and/or immediately following an intense storm event. For the purposes of this cost estimate, it is assumed that 25% of the cover will be removed by the storm. On benches/roads, this would typically amount to approximately 1.5", which will be assumed to be gravel.

The final grading of the site will be constructed with slopes at 2H:1V maximum slope, with 15' and 30' wide benches at approximately 50' maximum vertical intervals. Cross slope of benches is general 10% in to the inboard side of the bench. Designated access roads have a cross slope of 2%. Drainage ditches have a minimum 2% slope and drainage pipes a minimum slope of 5%. Drainage ditches direct surface water along road and bench side ditches to CMP catch basins and into storm drain piping. Storm drain piping is typically installed above grade until it reaches the next lower bench or roadway, where the drain piping elbows down, connecting to the CMP catch basin which collects flows from the approaching bench ditches. The pipe traverses under the bench/roadway with the minimum specified cover and daylights out of the fill slope, where it elbows down to again continue down the slope. Flows increase in the downward progression to the outlet as the piping serves larger and larger watershed areas. A storm of this magnitude may not overfill piping at the upper areas of the site; however piping near the bottom of the system is most vulnerable to overtopping due to higher flows and/or clogging. As pipes and ditches overtop, the water will be forced to shed down the fill slope faces. Overtopping will be concentrated at locations coinciding with drain inlet facilities or at debris dams in drainage ways. For the purpose of the cost estimate, it is assumed that on fill slopes approximately 6" or 25% of the 2' thick erosion-resistant layer will be removed during the rain event. An allowance for redressing of slopes that are most damaged to accept replacement fill is included in the estimate, as well as a minor allowance for miscellaneous engineered fill that may be required.

Surface flow velocities are anticipated to be erosive and could dislodge fill surrounding and/or supporting the inlet structures and down drain anchor assemblies. For purposes of this estimate, it is assumed that 25% of the aboveground stormdrain piping and inlet structures will be damaged or destroyed, along with an equal percentage of supports for above ground piping. Amounts equaling 10% are included for 18" and 24" drains because they are buried but are still likely to require attention.

Four styles of drainage ditch/swales are included in the construction project. Type I drainage swales are not used in the landfill area, and no corrective action cost is included therefore. Type III swales are rock armored and are located high on the site. As such they will not be subject to accumulated flows as will the ditches and swales at lower elevations at the site. Type II and Type IV swales, 6-foot and 12-wide earthen swales with turf reinforcement, are assumed to require repair or reconstruction over 25% of their lengths.

Some eroded material would be transported to the sedimentation pond, necessitating that it be cleaned out and the material disposed of. Allowances are included for this work and to deal

with debris or minor damage of the sedimentation basin outlet and the grouted riprap outlets. It is anticipated that all areas will suffer damage from the intense rainfall event. It is therefore assumed that 100% of the site will require hydroseeding.

The estimated corrective action costs associated with a precipitation causal event are as summarized in Table 1 below. Further detail is included at the back of Appendix C.

Table 1					
Corrective Action Cost Estimate for Precipitation Causal Event					
Task	Total Quantity	Damage Assumed	Damage Quantity	Unit Cost	Extended Cost
General					
Mobilization	Allowance				\$ 10,000
Debris Removal	Allowance				10,000
Soils and Aggregates					
Replace Gravel Fill on roadways/benches (1.5" depth)	288,300 sf	20%	57,660	\$1.30/sf	74,958
Replace Erosion Resistant Layer (6" depth)	170,900 cy	20%	34,180 CY	\$3.00/cy	102,540
Redress Slopes to Prep for Fill	Assumed two acres at \$0.10/sf addl				8,712
Miscellaneous Engineered Fill	Assumed 100 cy at \$20/cy				2,000
Drainage Inlets and Piping					
Repair/Replace/Clean Drain Inlets	38 ea	25%	10 ea	\$1,500/ea	15,000
Repair/Replace/Resecure 18" Downdrain Pipe	2,450 lf	25%	613 lf	\$40/lf	24,500
Repair/Replace/Clean 24" Drain Pipe	86 lf	10%	9 lf	\$60/lf	540
Repair/Replace/Clean 18" Drain Pipe	1,932 lf	10%	20 lf	\$55/lf	1,100
Staked Pipe Supports, Pipe Anchors, Metal Frame Pipe Supports	381 ea	25%	95 ea	\$130/ea	12,350
Swales					
Type II Swale	16,490 lf	25%	4,123 lf	\$60	247,350
Type IV Swale	250 lf	25%	63 lf	\$14	875
Drainage Outlets					
Sedimentation Basin Outlet	Allowance				5,000
Grouted Riprap Outlets	Allowance				5,000
Site Stabilization					
Seeding and Fertilizing	46 AC	100%	46 AC	\$2,500	115,000
Grand Total					\$ 634,925

D. Tsunami

Tsunamis or sea waves which may be a result of earthquakes, landslide, and volcanic eruptions can cause significant damage. Due to its coastal location on the Pacific Ocean some areas of California have experienced several tsunamis resulting in varying levels of damage. CalRecycle's BMP requires that it be determined whether the Landfill site is located within a

tsunami hazard area designated by the Department of Conservation or local emergency response agency.

The City of Ukiah Landfill is approximately 30 miles inland from the Pacific Ocean, and physically separated from same by many miles of coastal ranges and valleys. In review of the California Department of Conservation Tsunami Inundations map for Mendocino County, the area of potential impact from tsunamis closest to the Ukiah site that has been mapped are shown on the Albion and Elk Quadrangles. The detailed map shows that the furthest easterly-reaching area of potential impact is on the Navarro River, over 30 miles west from the Landfill site. This map is included in Appendix D.

A recent study entitled "Mendocino County Multi-Hazard Mitigation Plan" prepared by URS Corporation does a good job to cataloging historical tsunami events, as well as the observed run-ups that have occurred.

A tsunami reaching the Ukiah area is not considered a reasonable foreseeable causal event, and a corrective action cost estimate has not been prepared.

E. Seiche

A seiche is a temporary disturbance or oscillation in the surface of a landlocked or partially enclosed body of water. They are most often caused by meteorological conditions such as wind and atmospheric pressure, seismic events, or tsunamis. They can result in damages similar to those suffered from a flood or tsunami. BMPs provided by CalRecycle recommend consideration if a landfill is situated ½ mile or less from a lake or landlocked bay.

The City of Ukiah landfill is situated approximately 1.6 miles south of Lake Mendocino and approximately 15 miles from Clear Lake. The nearest landlocked bay is San Francisco Bay, located 82 miles to the SSE, of the landfill site.

Based on the criteria outlined in the CalRecycle BMPs, a seiche affecting the Ukiah site is not considered a reasonable foreseeable causal event, and corrective action cost estimate has not been prepared.

F. Fire

Fires at landfill sites, both wildfires and subsurface, are considered a reasonably foreseeable event and must be reviewed for this report and the corrective action costs evaluated. Fires can result from causes such as encroaching wildfires, lightning strikes, smoldering waste, accidents, or arson, and their severity is affected by topography of the site and surrounds, fuel and natural vegetation, and typical weather.

Wildfire:

The City of Ukiah Landfill is situated on parcels of land totaling 284 acres. The landfill footprint extends over 40 acres of the City lands. The intermediate cover over the waste cells has been hydroseeded with seasonal grasses. Hydroseeding has been performed as frequently as needed, as often required, to maintain cover to deter erosion. Roads are graveled and allow year round access to the site. Surrounding lands are grassland interspersed with brush cover and woodland areas. The landfill site is in a State Responsibility Area for Fire Protection. The map entitled "Fire Hazard Severity Zones in SRA" included in Appendix F indicates that the landfill site is classified as "Moderate." The BMP recommendation for assessing corrective actions for landfills that are located in a moderate fire hazard zone is to assume that 25% of the above ground structures within 200' of the landfill cell boundaries are destroyed in a wildfire event.

Winds in this area come predominantly from the west, and particularly so in the summer, the time of high fire danger. A plot included in Appendix F showing the wind direction incidents relative to direction for nearby Lake Mendocino, confirms this pattern. The canyon the landfill is situated in trends west-east further channeling the wind in this direction, and staff has confirmed that in summer months winds come predominately from the WNW.

Predominant wind patterns during fire season, and the faster spread of wildfires in uphill direction, makes a fire coming from the north and northwest the worst case scenario. The waste mass and intermediate cover have been constructed such that the final grading of the site will be constructed with slopes at 2H:1V maximum slope, with 15' and 30' wide benches at approximately 50' maximum vertical intervals. The elevation of the final cap will be lowest at the WNW corner at approximate elevation 700' and at its highest, near the central southern perimeter, where it will be approximately 970'. Benches will serve as roadways with 12'-wide gravel surface to provide access throughout the site and to act as firebreaks to deter the spread of fire.

A wildland fire at the landfill site is considered a reasonably foreseeable causal event, and it is anticipated that damage will occur. A corrective action cost estimate has been prepared and is summarized in Table 2a.

Description of Assumptions and Anticipated Damages:

Onsite structures that may be vulnerable to a wildfire include landfill features such as gas collection system components, down drain pipes, leachate collection and removal systems, groundwater monitoring wells, perimeter landfill gas monitoring probes, above ground storage tanks and exposed piping. Erosion prevention vegetative cover would be subject to damage and would require replacing, as well as temporary erosion control measures must be put in place until the vegetative cover is reestablished.

Existing and new structures, and aboveground piping and equipment, have been identified that are within a perimeter approximately 200' beyond the landfill cell boundary. Costs totaling 25% of the replacement value of those features has been included in the wildfire corrective action cost estimate below. It was assumed that ten wells, one well for each acre over 25% of the waste site, would need to be replaced. The new flare station near the WNW end of the site is surrounded by gravel and hardscape surfaces. While the equipment may not be destroyed, an allowance of 25% of the cost has been included to allow for checking out terminations and connections, cleanup, and testing. Fencing may be removed or destroyed in the emergency response effort, and the electrical and telephone feeds and wood utility poles are likely to be destroyed. An allowance for the replacement or repair of 25% of the 300 SF gate house has been included, however, it may not be reconstructed if that time comes. A small allowance has been included for checking out connections for the existing 63,000 gallon leachate tank. A cost has been included to hydroseed and fertilize approximately 25% of the site or 12 acres.

The estimated corrective action costs associated with a wildfire causal event are as summarized in Table 2a below. A cost summary providing additional detail on various line items is included at the back of Appendix F.

Table 2a					
Corrective Action Cost Estimate for Wildfire Causal Event					
Task	Total Quantity	Damage Assumed	Damage Quantity	Unit Cost	Extended Cost
General					
Mobilization	Allowance				\$ 10,000
Site Assessment	Allowance				15,000
Debris Removal	Allowance				10,000
Repair/Replace Aboveground Features					
GRL Header Connections	61 ea	25%	15 EA	\$150/ea	2,288
Type I and II Road Crossings	See Detail provided in Appendix F				3,900
LFG Extraction Wellhead Assemblies, Monitoring Access Points, Leak Detection	See Detail provided in Appendix F				27,500
LFG Conveyance Piping and Supports	See Detail provided in Appendix F				71,547
Replace Extraction Wells	1 well /acre over 10 acres		10	\$9,000/ea	90,000
Condensate Piping, Dropouts and Discharges	See Detail provided in Appendix F				12,413
Leachate Collection Piping	See Detail provided in Appendix F				2,116
Flare Station and Assembly	\$232,000	25%	\$58,000		58,000
Structures					
Security Fencing	Allowance for 40' at \$25/lf				1,000
Electrical and Telephone Feeds and Wood Poles	Allowance				8,000
Existing 300 SF Gatehouse	Allowance for 75sf at \$50/sf. May not be reconstructed				3,750
Existing 63,500 Gallon Leachate Tank	Allowance for assessment, check connections				5,000
Site Stabilization					
Seeding and Fertilizing	46 acres	25%	12 acres	\$2,500/acre	28,750
Grand Total					\$ 349,264

Subsurface Fire:

Subsurface fires at landfills are typically caused by overdrifting a landfill gas collection system. Excess oxygen is introduced into the waste mass, causing rapid oxidation of the organic waste component. It is most likely for this type of event to occur before the final cap is constructed. The final cover system reduces permeability and the potential for oxygen infiltration, thus making a subsurface fire more unlikely. The BMP for corrective action cost for a subsurface fire assumes that it would occur during the active life of the landfill.

A subsurface fire at the landfill site is considered a reasonably foreseeable causal event, and it is anticipated that damage will occur. A corrective action cost estimate has been prepared and is summarized in Table 2b below.

Description of Assumptions and Anticipated Damages:

Protocols for monitoring the landfill gas collection system will be established, and at the frequency that the system is required to be monitored, a substantial subsurface fire is unlikely and would not result in significant settlement. It is assumed that the impacted area of a subsurface fire would be approximately one acre which is considered the typical zone of influence affected by a landfill gas extraction well.

Response to a subsurface fire would include shutting down the well in the impacted area, as well as any adjoining wells, and placing a minimum of two feet of additional soil cover over the impacted area to smother the fire. The wells would remain turned off for a 2-month period or until the fire is extinguished.

The estimated corrective action costs associated with a subsurface fire causal event are as summarized in Table 2b below.

Table 2b					
Corrective Action Cost Estimate for Subsurface Fire Causal Event					
Task	Total Quantity	Damage Assumed	Damage Quantity	Unit Cost	Extended Cost
Mobilization	Allowance				\$ 5,000
Site Assessment	Allowance				15,000
Placement of Soil Cover	Assume 1 acre at 2' depth at \$20/cy				32,300
Monitoring and Reporting	Allowance				15,000
Replace LFG Extraction Well	Allowance for 1 well, 60' deep at \$150/lf				9,000
Seeding and Fertilizing	Assume 1 acre at \$2,500/acre				2,500
Grand Total					\$ 78,800

EVALUATION OF THE LONG-TERM PERFORMANCE OF THE FINAL COVER SYSTEM

Construction of the Landfill Final Closure is slated for the construction season of 2014. No portions of the Landfill have been formally closed; therefore, the long-term performance of the final cover system cannot be evaluated. However, the alternative final cover system has been designed in accordance with the requirements for a Class III waste management facility as outlined in 27 CCR Section 21140, and is currently under review by the California Regional Water Quality Control Board, North Coast Region (NCRWQCB).

RAU has reviewed the documentation of the final cover system design and found the work to be done within the standard of practice, and that the corresponding design characteristics were reasonable. Based on these circumstances, RAU finds no basis for incorporating additional costs to this Corrective Action Plan for the purpose of enhancing the potential long-term performance of the final cover.

PROVISIONS TO RESTORE THE INTEGRITY OR ESTABLISH THE ADEQUACY OF A DAMAGED OR INADEQUATE CONTAINMENT STRUCTURE OR ENVIRONMENTAL MONITORING OR CONTROL SYSTEM

RAU reviewed the provided documentation to evaluate the adequacy of the design, capacity, and component useful life of the containment, environmental monitoring, and control systems. The Landfill control and detection monitoring systems appear to be compliant with 27 CCR. RAU found no information indicating capacity constraints with respect to the on-site containment systems. Available records indicate, and interviews with EBA Engineers and City staff, indicate that the existing system components are in satisfactory condition and do not require replacement or repair. Based on these circumstances, RAU finds no basis for incorporating additional costs to this Corrective Action Plan for the purpose of upgrading the Landfill's control and detection monitoring systems.

SUMMARY OF CORRECTIVE ACTION PLAN COST ESTIMATES

As outlined in the sections above, the causal event resulting in the highest corrective action cost is a 1000-Year 24-Hour Precipitation Event. The other causal events - earthquake, flooding, tsunami, and seiche – have been determined not to represent reasonable foreseeable occurrences and therefore no corrective action cost estimates are required to be prepared.

The estimated corrective action cost estimates for the three known or reasonably foreseeable causal events identified and presented in this report are:

Precipitation	\$634,925
Wildfire	\$349,264
Subsurface Fire	\$78,800

As described at the beginning of this report, the 27 CCR Section 22221(c) requires that the above mentioned Precipitation corrective action cost estimate, that non-water corrective action cost that is the highest, is to be compared to the already established corrective action cost estimate for all known or reasonably foreseeable releases to water. The most recent water corrective action cost estimate dated June 5, 2012 shows this cost as \$871,052. Adjusting this cost estimate for 2012 annual inflation to reflect 2013 dollars increases the total to \$886,731.

As shown by this comparison, the groundwater corrective action cost estimate already in place represents the greater of the two corrective action scenarios compared. Based on this evaluation the existing funding mechanism for the groundwater corrective action is sufficient and should be used as the basis for complying with the corrective action financial assurance requirements.

LIMITATIONS

The conclusions presented in this technical memorandum are qualitative judgments based on a limited amount of technical documentation available and observations made. They are intended only for the specific purpose indicated herein. Conclusions and recommendations presented herein are based on documentation provided and rely on references available from resource agency publications. The services provided by Rau and Associates have been conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession practicing in the same locality under similar conditions at the time the services were provided. No other representation, expressed or implied, and no warranty or guarantee is included or intended in this report or in any opinion or document.

IN CLOSING

Thank you for allowing Rau and Associates to assist you with this project. Please do not hesitate to contact me or Diana Steele of this office at 707-462-6536 if you have any questions pertaining to this report.



Very truly yours,

A handwritten signature in cursive script that reads "George C. Rau".

George C. Rau
Registered Civil Engineer 21908
Expires 9-30-2015

DMS:dms

Encl: Appendix A – Earthquake as Causal Event Supporting Documentation
Appendix B – Flooding as Causal Event Supporting Documentation
Appendix C – Precipitation as Causal Event Supporting Documentation
Appendix D – Tsunami as Causal Event Supporting Documentation
Appendix E – Seiche as Causal Event Supporting Documentation
Appendix F – Fire as Causal Event Supporting Documentation
Appendix G – Index to Joint Technical Documents for the City of Ukiah Landfill

LANDFILL CLOSURE - FINANCIAL ASSURANCE

All Amounts are Estimates

December 2, 2015

Closure - Engineer Estimate	8,619,406 *	
Closure Contingency 20% - Engineer Estimate	<u>1,723,881 *</u>	
		10,343,287
Post Closure - Engineer Estimate/30 years/ 2% Inflation		5,258,102
Corrective Action Plan (CAP) - Engineer Estimate		<u>634,925</u>
Amount to be provided		16,236,314
Less: Estimated Cash on Hand		<u>-8,200,000</u>
Unfunded		8,036,314 **

* This Closure amount increased due to recent Gas Collection System requirements

**The City has identified Revenue Streams to Fund this amount over time

Unfunded	-8,036,314
Loan Interest	<u>-828,590</u>
Total Unfunded	<u>-8,864,904</u>
Unfunded, Reduced by Future:	
Rent Income	4,500,000
TS Gate Surcharge	4,500,000
Post Closure Interest Income	<u>384,513</u>
Future Funding	<u>9,384,513</u>
Estimated Reserve End of 30 Years	519,609