

## CITY COUNCIL/SUCCESSOR AGENCY/PUBLIC FINANCE AUTHORITY MEETING AGENDA

August 15, 2019 6:00 PM

The Mission of the City of Coalinga is to provide for the preservation of the community character by delivering quality, responsive City services, in an efficient and cost-effective manner, and to develop, encourage, and promote a diversified economic base in order to ensure the future financial stability of the City for its citizens.

Notice is hereby given that the City Council will hold a Regular Meeting, on August 15, 2019 in the City Council Chambers, 155 West Durian Avenue, Coalinga, CA. Persons with disabilities who may need assistance should contact the City Clerk at least 24 hours prior to the meeting at 935-1533 x113. Anyone interested in translation services should contact the City Clerk at least 24 hours prior to the meeting at 935-1533 x113. Anyone interested in translation services should contact the City Clerk at least 24 hours prior to the meeting at 935-1533 x113.

The Meeting will begin at 6:00 p.m. and the Agenda will be as follows:

## 1. CALL TO ORDER

- 1. Pledge of Allegiance
- 2. Changes to the Agenda
- 3. Council's Approval of Agenda

## 2. AWARDS, PRESENTATIONS, APPOINTMENTS AND PROCLAMATIONS

- 1. Presentation by Mary Leal, Director of the Coalinga-Huron Library District
- 2. Swearing in of Public Safety Dispatcher Brady Kaiser

## 3. CITIZEN COMMENTS

This section of the agenda allows members of the public to address the City Council on any item within the jurisdiction of the Council. Members of the public, when recognized by the Mayor, should come forward to the lectern, identify themselves and use the microphone. Comments are normally limited to three (3) minutes. In accordance with State Open Meeting Laws, no action will be taken by the City Council this evening and all items will be referred to staff for follow up and a report.

## 4. PUBLIC HEARINGS (NONE)

## 5. CONSENT CALENDAR

- 1. Authorize the Police Department to have Code 3 IT Dispose of E-Waste Surplus Property
- 2. City Council Authorization to the City Manager to Enter Into a Professional Services Agreement with Tanko Lighting to Prepare a Feasibility Analysis of Street Light System Acquisition and Maintenance Options for the City of Coalinga
- City Council Authorization to the City Manager to Enter Into a Professional Services Agreement with Environmental Permitting Specialist (EPS) to Prepare a Risk Management Program and Process Safety Management Program for the City of Coalinga Water Treatment Plant
- 4. Waive Second Reading and Adopt Ordinance No. 831 Amending the Planning and Zoning Code Related to Legal Non-Conforming Structures and Uses (City Initiated Zoning Text Amendment Application ZTA 19-02)
- 5. Rejection of Wastewater Treatment Plant Bids for Lining Pond Number 2 and Repair of 2 Splice Boxes
- 6. Public Works & Utilities Monthly Report for July 2019

## 6. ORDINANCE PRESENTATION, DISCUSSION AND POTENTIAL ACTION ITEMS

1. Council Consideration and Approval of Resolution No. 3909 Establishing Specific Distance Requirements for Parking Near Fire Hydrants within the City of Coalinga

## Sean Brewer, (I) Public Works & Utilities Director

## 7. ANNOUNCEMENTS

- 1. City Manager's Announcements
- 2. Councilmembers' Announcements/Reports
- 3. Mayor's Announcements

## 8. FUTURE AGENDA ITEMS

## 9. CLOSED SESSION

- REAL PROPERTY NEGOTIATIONS Government Code Section 54956.8. CONFERENCE WITH REAL PROPERTY NEGOTIATORS. PROPERTY: 148
   W. Elm Avenue located in the City of Coalinga. CITY NEGOTIATORS: City Manager, Marissa Trejo and City Attorney, Mario Zamora. NEGOTIATING PARTIES: Thrive Ministries and the City of Coalinga. UNDER NEGOTIATION: Price and Terms of Lease
- CONFERENCE WITH LABOR NEGOTIATORS Government Code 54957.6. CITY NEGOTIATORS: City Manager, Marissa Trejo; City Attorney, Mario Zamora. EMPLOYEE (ORGANIZATION): General Employees and Non-Represented Employees

## **10. CLOSED SESSION REPORT**

**Closed Session:** A "Closed" or "Executive" Session of the City Council, Successor Agency, or Public Finance Authority may be held as required for items as follows: personnel matters;

labor negotiations; security matters; providing instructions to real property negotiators; legal counsel regarding pending litigation; and protection of records exempt from public disclosure. Closed session will be held in the Administration Building at 155 W. Durian Avenue and any announcements or discussion will be held at the same location following Closed Session.

## 11. ADJOURNMENT

### STAFF REPORT - CITY COUNCIL/SUCCESSOR AGENCY/PUBLIC FINANCE AUTHORITY

Subject:	Authorize the Police Department to have Code 3 IT Dispose of E-Waste Surplus Property
Meeting Date:	August 15, 2019
From:	Marissa Trejo, Citry Manager
Prepared by:	Darren Blevins, (I) Cheif of Police

#### I. RECOMMENDATION:

Declare old 911 equipment as surplus property and dispose of the E-waste through Code 3 IT.

#### II. BACKGROUND:

In May of 2019, the police department upgraded the department's 911 system and the old computer equipment was removed and left for the department to dispose of it.

#### **III. DISCUSSION:**

The Department had several of its old 911 computers and servers along with the cable, removed when the Department received its 911 money to upgrade the old 911 phone and recording system to a new state of the art system. By upgrading to a new system this left the department with the old system to dispose of. The old computers, cords and phones are not usable for any other application and are out dated. The department request the property be declared surplus property and be given to Code 3 IT for the proper E-waste disposal. Below is ta list of the property to be disposed of;

- 1 box of miscellaneous cords and data cables
- 2 TYY phones
- 1 monitor
- 1 keyboard
- 1 fax machine
- 2 KVN switches
- 2 Computer Servers
- 2 computers
- 3 battery back-ups
- 1 metal tray

#### **IV. ALTERNATIVES:**

The council can decode not to approve the disposal of this equipment and the department will have to find a location to store it.

#### V. FISCAL IMPACT:

None.

## ATTACHMENTS:

File Name

Surplus\_E\_Waste.pdf

Description E Waste Pictures





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#### STAFF REPORT - CITY COUNCIL/SUCCESSOR AGENCY/PUBLIC FINANCE AUTHORITY

Subject:	City Council Authorization to the City Manager to Enter Into a Professional Services Agreement with Tanko Lighting to Prepare a Feasibility Analysis of Street Light System Acquisition and Maintenance Options for the City of Coalinga
Meeting Date:	August 15, 2019
From:	Marissa Trejo, City Manager
Prepared by:	Sean Brewer, Community Development Director

#### I. RECOMMENDATION:

City Council Authorization to the City Manager to Enter Into a Professional Services Agreement with Tanko Lighting to Prepare a Feasibility Analysis of Street Light System Acquisition and Maintenance Options for the City of Coalinga.

#### **II. BACKGROUND:**

There is a growing nationwide industry trend in which municipalities are acquiring their streetlight infrastructure from their local private utility companies. This poses tremendous advantages to the municipality, in that not only does it allow the municipality to control the management of the system within its geographic borders, but it also involves tremendous cost savings – particularly related to maintenance and energy (as many utilities charge exorbitant fees for energy and maintenance rates for the systems).

The City Council has expressed interest in looking into the feasibility of acquiring all the existing streetlights from PG&E and Tanko lighting has the expertise and experience with these particular acquisitions. The City currently pays approximately \$100,000 per year for street lights. It has been shown that owning and maintaining your own streetlights could save up to 70% on overall costs.

#### **III. DISCUSSION:**

If the City chooses to proceed with the possibility of acquiring the existing streetlight infrastructure from PG&E, the first step is to perform a feasibility analysis in order to determine if this is a project that makes sense for the City. The feasibility analysis will analyze the City's streetlight inventory, existing rates, aquisions in history in the area, anticipated maintenance, and financing opportunities. At the completion of the feasibility analysis, a report will be prepared and delivered to the City outlining the City's streetlight system options, cost/benefits, assumptions, budgetary pricing, savings, cash flows, recommended strategies, and overall assessment of the feasibility of streetlight acquisition and maintenance.

Once the feasibility is complete and it makes sense to move forward, Phase 2 would need to be approved by the City Council which would include an in-depth financial valuation of the existing streetlight systems assets, financial analysis of the feasibility of acquisition including cash flow analysis. Tanko Lighting would also serve as lead on acquisition negotiations as well as perform the inventory audit of the existing system. These costs are far more substantial than the initial cost for the feasibility study but the City Council will be able to make that determination based on the results of the initial feasibility study.

#### **IV. ALTERNATIVES:**

The Council may choose not to proceed with the feasibility study and direct staff accordingly.

### V. FISCAL IMPACT:

The cost for the initial feasibility study is \$2,500 and will paid from the Gas Tax Fund.

#### ATTACHMENTS:

File Name

#### Description

D Tanko\_Lighting\_Feasibility\_Proposal\_to\_Coalinga.pdf

Tanko Lighting Street Light Acquisition Feasibility Study Proposal





PROPOSAL FOR A FEASIBILITY ANALYSIS OF STREETLIGHT SYSTEM ACQUISITION AND MAINTENANCE OPTIONS FOR THE CITY OF COALINGA, CA



Submitted by:

Jason Tanko Chief Executive Officer Tanko Streetlighting, Inc. 220 Bayshore Boulevard San Francisco, CA 94124 jason@tankolighting.com

#### Submitted to:

Pete Preciado Public Works and Utilities Director City of Coalinga 155 West Durian Coalinga, CA, 93210 ppreciado@coalinga.com

#### February 12, 2019

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# COVER LETTER

February 12, 2019

Pete Preciado Public Works and Utilities Director City of Coalinga 155 West Durian Coalinga, CA, 93210 ppreciado@coalinga.com

Dear Mr. Preciado,

Tanko Streetlighting, Inc. ("Tanko Lighting") appreciates the opportunity to submit this proposal for a feasibility analysis of the streetlight system acquisition and maintenance options for the City of Coalinga, CA.

Tanko Lighting is a national firm focused solely on providing professional services for turn-key municipal energy efficiency street light conversion projects. Our company has previously been or is currently involved with the energy efficiency conversion of more than 425,000 street lights throughout the nation – and is actively developing projects for an additional 550,000 street light fixtures. Our work has spanned more than twenty-three states, and fifty-five utilities.

Given Tanko Lighting's extensive involvement with municipal streetlight LED design and conversion projects nationwide, our team can leverage its expertise to provide the necessary context and value to assist the City with all the support, recommendations and coordination necessary to ensure the success of this project. Please let us know should you have any questions. We look forward to your feedback.

Regards,

Jason Tanko Chief Executive Officer

Enclosures



Page 3 of 10 Content is proprietary and confidential.

# COMPANY PROFILE

## **Company History**

For more than fifteen years – since 2003 – Tanko Lighting has been assisting municipalities with their streetlighting needs and has evolved into a national firm focused solely on providing professional services for turn-key municipal energy efficiency streetlight conversion projects.

Tanko Lighting is a privately-held S corporation and a financially stable company that has successively operated profitably for more than a decade. As a privately-held company with just two shareholders, our firm is tightly controlled, enabling sound financial and



Tanko Lighting's office – where streetlighting is integrated into the fabric of everything we do.

business decisions. Since 2010, our company has experienced rapid growth and expanded our core business model – all while maintaining zero long-term debt. With a clear understanding of our core competencies, significant knowledge of the municipal streetlighting market, and sound leadership, our firm continues to experience sustainable growth while reinforcing its triple bottom line values: People, Planet, and Profit.

Tanko Lighting holds electrical contractor licenses in the States of California (C-10 License Number 992782) and Arizona. Additionally, our firm is a Certified Contractor by the Commonwealth of Massachusetts' Division of Capital Management and Maintenance (DCAMM), a Qualified Vendor with the Connecticut Conference of Municipalities, a registered Energy Services Company (ESCO) with the United States Department of Energy, and a registered Small Business Entity with the Small Business Administration.

## **Differentiating Factors**

Tanko Lighting is focused exclusively on municipal energy efficiency streetlighting conversion projects. With decades of experience serving this market, we are the municipal streetlight experts. Because of our technical experience and national context, we are intimately familiar with industry standards and trends, as well as municipalities' challenges with aging infrastructure.

Our firm is uniquely positioned to assist the City for the following reasons:

• Streetlighting Specialist: We are the *only* US-based company solely dedicated to public agency streetlighting projects – and the *only* company with an entire staff solely dedicated to such projects. As such, Tanko Lighting has the largest portfolio of active municipal streetlight conversion projects than any other firm, has previously been or is currently involved with the energy efficiency conversion of more than 425,000 streetlights throughout the nation, and is actively developing projects for an additional 550,000+ streetlight fixtures. Additionally, our work has spanned more than twenty-three states, and fifty-five utilities. complex projects, derived from such factors as square mileage/area, complicated data, inconsistent existing design, and complex scopes of work.



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#### CITY OF COALINGA, CA | STREETLIGHT FEASIBILITY | TANKO LIGHTING

Technical Knowledge: Tanko Lighting has significant technical expertise centered on public agency streetlighting infrastructure. Led by an electrical engineer and licensed electrical contractor, Jason Tanko (Chief Executive Officer), we understand the field conditions and system constraints that are often involved with streetlighting projects. This enables our team to accurately design projects to prevent anticipated challenges, as well as quickly respond with streamlined solutions in the event of technical difficulties during a project.



Tanko Lighting's project in Oakland, CA

National Context: As a US-based company, Tanko Lighting's broad experience with feasibility, and design

and implementation of LED conversion projects provides tremendous national context that will benefit the City by ensuring that the project is consistent with industry standards during each phase of the project.

Experience with Acquisition Projects: There is a growing nationwide industry trend in which municipalities are acquiring their streetlight infrastructure from their local private utility companies. This poses tremendous advantages to the municipality, in that not only does it allow the municipality to control the management of the system within its geographic borders, but it also involves tremendous cost savings – particularly related to maintenance and energy (as many utilities charge exorbitant fees for energy and maintenance rates for the systems). Further, once a municipality acquires its system, it can reap additional savings benefits by converting to LED fixtures. Tanko Lighting has been working with several municipalities nationwide to assist in their streetlight acquisition strategies from investor-owned utilities. Our team's experience with acquisitions includes providing valuation, field data collection, acquisition feasibility analysis, and acquisition negotiations with the utility on behalf of the client. Recent projects involving acquisition support include the following municipalities:

- West Hollywood, CA (2,300 fixtures)
- Rancho Cucamonga, CA (15,000 fixtures)
- Santa Ana, CA (11,500 fixtures)
- Tustin, CA (3,500 fixtures)
- Orange, CA (6,000 fixtures)
- Bell, CA (1,672 fixtures)
- Stanton, CA (1,159 fixtures)
- Claremont, CA (1,500 fixtures)
- La Verne, CA (1,979 fixtures)
- o Simi Valley, CA (8,325 fixtures)
- o La Puente, CA (2,100 fixtures)

- o Santa Clarita, CA (16,200 fixtures)
- o Buffalo, NY (33,000 fixtures)
- o Geneva, NY (1,700 fixtures)
- o Vernon, CT (1,700 fixtures)
- o Berlin, CT (2,500 fixtures)
- o East Lyme, CT (1,500 fixtures)
- o Warren, MA (430 fixtures)
- Andover, MA (1,500 fixtures)
- o Wolcott, CT (980 fixtures)
- o Glastonbury, CT (1,500 fixtures)
- o Darien, CT (850 fixtures

Financial Analysis: Tanko Lighting has conducted hundreds of financial analyses for public agencies nationwide, representing thousands of fixtures, to ascertain the value of converting to energy efficient streetlight systems. Leveraging our team's vast industry knowledge to accurately estimate relevant costs and savings to provide the most accurate energy and CO2 savings estimates and integrating the information into the implementation phase of a project is a one of our company's core competencies.



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## **Relevant Experience**

Ninety-five percent of Tanko Lighting's contracts involve streetlight projects for government/public agencies. This equips our team "The project was completed without a hitch and we've had with the necessary context and expertise to complete superior projects for this specific market sector.

Tanko Lighting's success lies in its unique passion for streetlighting, which translates into a drive to ensure that projects are successfully completed. We are tremendously aware of how critical client satisfaction is to our success. Thus, we strive to make every client an enthusiastic reference for future work. Clients are receptive to

zero complaints to date. The best Project I've been responsible for."

> David Daltorio, PE Town Engineer/Facilities Director Town of Hopkinton, MA

this drive, to the point that they frequently recommend our firm to other municipalities. A few of our major successes include:

- City of Berkeley, CA: A turn-key project for the City of Berkeley, CA, which involved the LED conversion of not only 7,000 cobra head fixtures (for which Tanko Lighting provided design recommendations with tremendous savings), but also 1,100 decorative fixtures (which involved twenty different types of decorative fixtures for which we recommended LED retrofit kits) – which saved the City approximately \$500,000 in costs.
- City of Oakland, CA: A project for the City of Oakland, CA, which involved the LED conversion of 38,000 fixtures. Tanko Lighting was initially involved with the original team, orchestrating the strategy and project management approach for the awarded contractor. However, when the prime contractor defaulted on the project, its surety company hired our firm directly to clean up the mistakes, and re-audit, label, and data reconcile the entire City's streetlight system. This resulted in the successful completion of the project and helped to settle the City's bond claims.
  - City of Rancho Cucamonga, CA This project involved the LED conversion of the City's 16,000 fixtures, recently acquired from SCE. Tanko Lighting expedited the installation process such that as soon as Southern California Edison released each transfer of purchased fixtures, the City was converted to LED streetlights well ahead of the next batch - which maximized the City's energy savings. Our team completed the project in early 2018 and continues to provide ongoing maintenance services of the City's new LED system to ensure ongoing operation.

City of Lowell, MA: A current turn-key project for the City of Lowell, MA, which involves the LED conversion of 7,500 fixtures. Because of our thorough audit and data management, we discovered that the City acquired upwards of 200 fixtures from its utility that did not actually exist, and that the City had been overcharged for these fixtures for the past seven years. By accurately collecting the data and properly reconciling it with City and utility records, we successfully remedied these discrepancies and uncovered tremendous savings for the City.

City of Brewer, ME: The City of Brewer is the first municipal streetlight acquisition with Emera Utility in Maine. Tanko Lighting is working diligently with the City and Emera to develop a strategy for the acquisition. Tanko Lighting completed a comprehensive GIS audit of the existing inventory and cross-referenced that with Emera's records to confirm a complete data set that the City referred to during the acquisition process. We leveraged the experience



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#### CITY OF COALINGA, CA | STREETLIGHT FEASIBILITY | TANKO LIGHTING

working with other utilities through acquisition to guide the City throughout the transfer of ownership to maximize potential savings. Finally, we managed the design and installation of the LED streetlight conversion to enable the City to gain significant energy savings.

City of Meriden, CT: A turn-key project for the City of Meriden, CT, which involved the LED conversion of 4,300 fixtures, as well as the maintenance of the system. Upon acquisition of its streetlight system from its utility, the City inherited significant deferred maintenance issues that quickly resulted in substantial outage reports and citizen complaints. Tanko Lighting successfully designed an approach that quickly



Tanko Lighting's project in Berkeley, CA

addressed the maintenance needs of these locations, while simultaneously proceeding with the LED conversion. This diverted a potential public relations nightmare and ensured that the City's streets were safely lit. Our team continues to maintain the City's new LED system to ensure ongoing operation.

City of Berlin, CT: A turn-key project for the City of Berlin, CT, which involved an acquisition and LED conversion of the City's streetlights from its utility. Tanko Lighting identified billing discrepancies involving overhead fixtures that the City was being charged for by its utility at the underground (costlier) rate, resulting in significant cost savings for the City. Further, our audit identified the current field conditions that substantiated the valuation that the utility provided to the City, which enabled the City to feel confident in the fair market value of the assets it acquired from the utility. Our team continues to maintain the City's new LED system to ensure ongoing operation.

- City of Geneva, NY: This is a turn-key streetlight acquisition and LED conversion project that Tanko Lighting is
  implementing for the City of Geneva's approximate 1,800 fixtures. This is one of the initial acquisition and LED
  conversion projects in New York State Electric and Gas's (NYSEG) territory and is g ground breaking for municipal
  acquisition efforts. Our comprehensive GIS audit was so accurate that NYSEG was willing to accept it, and therefore
  reduce the timeframe for the acquisition completion by months. We are in the final stages of the LED conversion
  and the City will soon benefit from its full energy savings.
- City of Buffalo, NY: This completed project involved Tanko Lighting developing a feasibility analysis for the City of Buffalo to determine whether it was practical to acquire its 33,000 streetlight fixtures from National Grid and convert them to LED fixtures. This is one of the initial – and largest – acquisition and LED conversion projects in National Grid's territory in New York State and is ground breaking for municipal acquisition efforts. Our team prepared dozens of financial analyses for this project, including high and low acquisition costs, maintenance options (internal vs. external maintenance), various tariff scenarios, and amortization schedules to determine the City's options and gained extensive experience with New York State utility tariffs through the course of this project.

Please find a list of all our projects in nationwide in Appendix A.

## REFERENCES

Please find a selection of Tanko Lighting's references below.



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• Berkeley, CA: Tanko Lighting provided the City of Berkeley with turn-key support to implement its comprehensive streetlight conversion project of more than 8,000 fixtures. Tanko Lighting provided project management support, GIS auditing and commissioning, product procurement, installation management, data reconciliation, rebate/rate change support, and administrative services.

Reference: Reeve Battle, Engineer, City of Berkeley, PO Box 700, Berkeley, CA 94701, (510) 981-6336

• Modesto, CA: Tanko Lighting provided the City of Modesto with turn-key support to implement its comprehensive streetlight conversion project of more than 9,500 fixtures. Tanko Lighting provided project management support, GIS auditing and commissioning, product procurement, installation, data reconciliation, rebate/rate change support, and administrative services.

Reference: Jeff Barnes, Engineer, City of Modesto, 1010 Tenth Street, Suite 5300, Modesto, CA 95353, 209-577-5468

• Santa Clara, CA: Tanko Lighting provided Silicon Valley Power (City of Santa Clara) with turn-key support to implement its comprehensive streetlight conversion project of approximately 5,000 fixtures. Tanko Lighting provided project management support, GIS auditing, design, commissioning, product procurement, installation, data reconciliation, and administrative services.

Reference: Mary Medeiros McEnroe, Project Manager, City of Santa Clara/Silicon Valley Power, 1500 Warburton Avenue, Santa Clara, CA 95050, 408.615.6646

## **SCOPE OF WORK**

## Step 1: Feasibility Analysis

We recognize that the City is interested in the idea of acquiring its streetlight system. In order to be clear on the feasibility and financial benefit of this initiative, an analysis is recommended. With our extensive knowledge and experience, we propose to provide the City with the following:

#### Task 1: Inventory Analysis

Upon receipt of the City's streetlight inventory data, we will review the existing records and organize the existing wattage and fixture types into logical categories. There are times when a streetlight inventory can be difficult to locate. In this situation, our team will utilize our nationwide experience to come up with a representative inventory that matches the City's existing utility costs.

#### Task 2: Rate Analysis

We will review not only the current electricity rates, but also the potential new rates based on ownership of the system. In the event that a customer-owned LED rate does not exist, our team will utilize its nationwide experience to develop a fair and representative budgetary rate for the future of the City's expenditure. We will build these data points into our economic analysis.



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### Task 3: Acquisition Analysis

We will research any precedent with previous municipal streetlight acquisitions in the City's utility territory and statewide history, including purchase price and age of those systems. We will also draw upon our experience with additional municipal streetlight acquisitions nationwide to develop budgetary estimates of the fair market value of the City's streetlight system.

#### Task 4: Maintenance Analysis

We will develop budgetary estimates for the post-acquisition maintenance services, based on the nationwide industry standard of services and average pricing in the region.

#### Task 5: Financing Analysis

We will review the existing financing options available to the City, including self-financing, third party financing, and any available rebates. This will consider the APR and financing term based on the City's desired length of loan.



Sample of comparison of existing energy vs. post-conversion energy costs for one of our municipal LED streetlight conversion projects.

## Task 6: Feasibility Analysis Report

We will utilize the data created from Tasks 1 – 5 to develop a Feasibility Analysis Report that will include:

- Baseline energy use, energy cost and operations and maintenance costs
- Estimated operations and maintenance costs
- Budgetary acquisition costs
- Funding options, including financing and rebates
- Calculation of savings, Return on Investment, and simple payback
- Estimated twenty-year projected savings and cash flows
- Narrative describing the acquisition and maintenance phases, including procurement options
- Description of assumptions included in the analysis
- Recommendations of next steps, should the City consider the options feasible

#### Deliverables

• <u>Feasibility Analysis Report</u>: A report outlining the City's streetlight system options, cost/benefits, assumptions, budgetary pricing, savings, cash flows, recommended strategies, and overall assessment of the feasibility of streetlight acquisition and maintenance.



## PRICING

Please find our proposed pricing in the table below.

Propose	ed Pricing
Step	Proposed Pricing
Step 1: Feasibility Analysis	\$2,500

#### • <u>Proposed Payment Terms</u>:

- Tanko Lighting shall invoice the City for Step 1: Feasibility Analysis upon submission of the deliverable (as stated in the Scope of Services section, above).
- The City shall pay Tanko Lighting within thirty (30) days of receipt of invoices.

## **APPENDICES**

Appendix A: Projects List



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## APPENDIX A

Tanko Lighting in Massachusetts		
D.4isinalitu	Number of	Coore of Work
wunicipality	Fixtures	Scope of work
Town of Palmer, MA	902	Audit, Design, LED Conversion, Including Controls
City of Leominster, MA	3,637	Audit, Design, LED Conversion, Including Controls
Town of Andover, MA	1,564	Audit, Design, LED Conversion
City of Watertown, MA	783	Audit, Design, LED Conversion
Town of Warren, MA	437	Audit, Design, LED Conversion
City of Everett, MA	2,965	Audit, Design, LED Conversion
City of Lowell, MA	7,000	Audit, LED Conversion Contract
Town of Winchester, MA	1,571	Audit, LED Conversion Contract
Town of Sharon, MA	1,600	Audit, LED Conversion Contract
Town of Hopkinton, MA	563	Audit, LED Conversion Contract
Town of Wayland, MA	714	Audit, Design, LED Conversion
Town of Millis, MA	436	Audit, LED Conversion Contract
City of Malden, MA	3,694	Audit, LED Conversion Contract
Westfield Electric MUNI Utility, MA	4,000	Design and Photometrics
City of Somerville, MA	4,842	Design/PM of Install
Town of Sudbury, MA	591	Audit and Design, LED Conversion Contract
City of Burlington, MA	2,400	Audit, Design, LED Conversion
Town of Winchendon, MA	564	Audit, LED Conversion Contract
City of Boston, MA	4,000	Audit/Data Reconciliation of Decorative Fixtures
Town of Ayer, MA	520	Audit, Design, LED Conversion & Controls
City of Medford, MA	4,618	Audit, Design, LED Conversion
Town of Ware, MA	823	Audit, Design, LED Conversion, Maintenance
City of Gardner, MA	1,532	Audit, Design, LED Conversion
Town of Clinton, MA	923	Audit, Design, LED Conversion
Town of Hanover, MA	505	Audit, Design, LED Conversion
Town of Webster, MA	1,485	Audit, Design, LED Conversion
Town of Weymouth, MA	3,720	Audit, Design, LED Conversion & Controls
Town of Erving, MA	163	Audit, Design, LED Conversion
Town of North Andover, MA	1,302	Audit, Design, LED Conversion
Town of Dalton, MA	740	Audit, Design, LED Conversion
Town of Franklin, MA	1,648	Audit, Design, LED Conversion
Town of Dracut, MA	1,555	Audit, Design, LED Conversion
Town of Northbridge, MA	1,181	Audit, Design, LED Conversion
Town of Westport, MA	205	Audit, Design, LED Conversion
Town of Manchester-by-the-Sea, MA	363	Audit, Design, LED Conversion
Town of Dudley, MA	600	Audit, Design, LED Conversion
City of Marion, MA	350	Audit, Design, LED Conversion
Town of Lexington, MA	2,700	Audit, Design, LED Conversion
Town of Newbury, MA	500	Audit, Design, LED Conversion
Town of Oxford, MA	945	Audit, Design, LED Conversion
Town of Bridgewater, MA	1,286	Audit & Design
Total Project Fixtures:	69,927	Contract Total: 41

Tanko Lighting in New Hampshire		
Municipality	Number of	Scope of Work
Town of Goffstown, NH	460	Full Turn-Key
Town of North Stafford, NH	49	Full Turn-Key
Town of Londondery, NH	143	Full Turn-Key
Town of Jaffrey, NH	151	Full Turn-Key
Total Project Fixtures: 803		Contract Total: 4

Tanko Lighting in New York		
Municipality	Number of Fixtures	Scope of Work
City of Buffalo, NY	33,000	LED Conversion/Acquisition Feasibility Analysis
City Ogdensburg, NY	933	Full Turn-Key
City of Geneva, NY	1,696	Full Turn-Key
City of Gloversville, NY	1,243	Feasibility Analysis, Acquisition Support
Total Project Fixtures:	36.872	Contract Total: 4



Page 1 of 3

Tanko Lighting in California		
Municipality	Number of Fixtures	Scope of Work
City of Santa Clarita, CA	16,200	Pole Inspection, Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement,
		Streetlight Pilot
City of Rancho Cucamonga, CA	15,000	Acquisition Support, Material Procurement (Fixtures & Controls), Installation, Rebate/Rate Change & Ongoing Maintenance
City of Chino Hills, CA	4,450	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install,
City of Santa Ana, CA	11,500	Audit, Design, Data Reconciliation, Acquisition Support
City of Simi Valley, CA	8,000	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Acquisition Support, Procurement, Install, Commissioning and Maintenance
City of Fullerton, CA	6,600	Audit, Data Reconciliation, Photometric Design, and Feasibility Analysis Material Procurement, Installation, Rebate/Rate Change & Ongoing Maintenance
City of Orange, CA	4,400	Feasibility Analysis
City of Tustin, CA	3,500	Audit, Data Reconciliation, Feasibility Analysis, Acquisition Support, Procurement, Installation Management, Commissioning, Rebate/Rate Change
City of West Hollywood, CA	2,500	Audit, Data Reconciliation, Feasibility Analysis, Pilot Installations Distribution Pole Acquisition Assistance
City of La Verne, CA	2,500	Audit, Data Reconciliation, Design, Feasibility Analysis and Acquisition Support
City of La Puente, CA	2,100	Audit, Data Reconciliation, Photometric Design, and Feasibility Analysis
		Acquisition Support, Material Procurement, Installation, Rebate/Kate Change & Ongoing Maintenance Turnkey Conversion Services including Audit, Design, Data Reconciliation. Procurement, Install.
City of Bell, CA	1,600	Commissioning, and Maintenance
City of Signal Hill, CA	1,300	Audit, Data Reconciliation, Design, Feasibility Analysis and Acquisition Support
City of Stanton, CA	1,300	I urnkey Conversion Services including Audit, Design, Data Reconciliation, Acquisition Support, Procurement, Install, and Commissioning
City of Claremont, CA	1,300	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Acquisition Support, Procurement, Install, and Commissioning
City of Corona, CA	8,700	Material Procurement, Installation (Fixtures & Controls), and Rebate/Rate Change
City of Hayward, CA	7,700	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install, and Commissioning
City of Vista, CA	2,300	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install, and Commissioning
City of Napa, CA	4,500	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install, and Commissioning
City of Rancho Cordova, CA	6,500	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install, and Commissioning
City of Lodi, CA	7,200	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install, and Commissioning
City of Berkeley, CA	8,000	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install, and Commissioning
City of Morgan Hill, CA	2,500	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install, and Commissioning
City of Modesto, CA	9,000	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install, and Commissioning
City of Vallejo, CA	9,000	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install Management, and Commissioning
City of Santa Clara, CA	3,000	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install, and Commissioning
City of Alameda, CA	3,200	Turnkey Conversion Services including Data Reconciliation, Procurement, Install, and Commissioning
City of San Bruno, CA	2,000	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install
City of Sonoma, CA	1,200	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install Management and Commissioning
City of Oakland. CA	526	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement, Install, and
City of Sunnyvale, CA	7,000	Commissioning Turnkey Conversion Services including Audit, Design, Data Reconciliation, Procurement (Fixtures and
City of Fresno CA	360	Controls), Install, and Commissioning LED Streetlight Material and Install
City of Berkeley, CA	3,200	Pole Inspection/Condition Assessment
Lawrence Berkeley National Laboratory	1,400	Audit, Data Reconciliation, Specifications Development, Controls Installation (30 fixtures)
City of Goleta, CA	1,575	Turnkey Conversion Services including Audit, Design, Data Reconciliation, Acquisition Support, Procurement (Fixtures and Controls), Install, and Commissioning
City of Thousand Oaks, CA	7,900	Acquisition Support and Smart City Feasibility Analysis
City of Santa Fe Springs, CA	6,500	LED Pilot Installation, Finanacial and Feasibility Analysis



Tanko Lighting in Connecticut		
Municipality	Number of Fixtures	Scope of Work
Borough of Jewett City, CT	220	LED Conversion
Town of Berlin, CT	2,537	Audit, Acquisition, LED Conversion, Maintenance Contracts
City of New London, CT	2,516	Audit, LED Conversion
Town of Vernon, CT	1,669	Audit, Acquisition, LED Conversion, Maintenance Contracts
Town of West Hartford, CT	6,500	Full Turn-Key LED Conversion
Town of Rocky Hill, CT	1,683	Audit, Acquisition Contract
Town of Wolcott, CT	728	Audit, Acquisition, LED Conversion, Maintenance Contracts
Town of Groton, CT	1,550	Audit, Acquisition, LED Conversion, Maintenance Contracts
City of Meriden, CT	4,799	Audit, Acquisition, LED Conversion, Maintenance Contracts
Town of Darien, CT	843	Audit, Acquisition, LED Conversion, Maintenance Contracts
Town of Glastonbury, CT	1,000	Audit, Acquisition, LED Conversion Contract
Town of East Lyme, CT	1,498	Audit, Acquisition, LED Conversion, Maintenance Contracts
Town of Montville, CT	1,777	Full Turn-Key LED Conversion & Maintenance
Town of Granby, CT	157	Full Turn-Key LED Conversion
City of Groton / Groton Utilities, CT	2,256	Audit, Acquisition, LED Conversion Contract
Town of Old Lyme, CT	396	Pilot Audit, Pilot LED Conversion Contract
Town of Putnam (Spc District), CT	858	Full Turn-Key LED Conversion
Town of Mansfield, CT	800	Audit, Acquisition, LED Conversion Contract
Town of Bristol, CT	5,500	Full Turn-Key LED Conversion
Town of Farmington, CT	1,728	Audit, Acquisition, LED Conversion Contract
Town of Sterling, CT	75	Full Turn-Key LED Conversion
Town of Chester, CT	313	Full Turn-Key LED Conversion
Town of Ledyard, CT	292	Full Turn-Key LED Conversion
City of Norwich, CT	5,049	Full Turn-Key LED Conversion
Town of Gales Ferry, CT	87	Full Turn-Key LED Conversion
Town of Stonington, CT	1,700	Acquisition Support, Full Turn-Key LED Conversion
City of Waterbury, CT	7,250	Audit, Data Reconciliation, Design, Rebate/Rate Changes
Town of Middlefield, CT	351	Audit, Data Reconciliation, Design
City of Waterford, CT	1,976	Full Turn-Key LED Conversion
Total Project Fixtures:	56,108	Contract Total: 29

Tanko Lighting in Nebraska		
Municipality	Number of Fixtures	Scope of Work
Village of Howells, NE	200	Audit, Data Reconciliation, Design
City of Aurora, NE	200	Audit, Data Reconciliation, Design
City of Kearney, NE	3,306	Audit, Data Reconciliation, Design, Installation Management
Village of Lindsay, NE	353	Audit, Data Reconciliation, Design, Installation Management
City of Norfolk, NE	2,374	Audit, Data Reconciliation, Design, Installation Management
City of McCook, NE	1,113	Audit, Data Reconciliation, Design, Installation Management
City of York, NE	1,396	Audit, Data Reconciliation, Design, Installation Management
City of Scottsbluff, NE	2,403	Audit, Data Reconciliation, Design, Installation Management
Total Project Fixtures:	11,345	Contract Total: 8

Tanko Lighting in Various Other States		
Municipality	Number of Fixtures	Scope of Work
City of Dyersburg, TN	3,300	Audit, Data Reconciliation, Design (Subcontractor to Prime)
City of Paris, TN	2,541	Full Turn-Key (Subcontractor to Prime)
City of Rockwood, TN	808	Full Turn-Key (Subcontractor to Prime)
City of Miami Lakes, FL	900	Full Turn-Key
Chelan County Public Utility District, WA	7,000	Audit, Data Reconciliation, Design
Kauai Island Utility Cooperative, HI	3,500	Full Turn-Key with Controls
City of Mesa, AZ	40,000	Development of Street Light Master Plan
City of Brewer, ME	600	Full Turn-Key
City of Orono, ME	240	Full Turn-Key
City of Independence, OH	1,000	Audit, Data Reconciliation, Design, Acquisition Support, Feasibility Analysis
City of O'Fallon, MO	4,500	Acquisition Support
City of Ballwin, MO	2,113	Acquisition Support
Total Project Fixtures:	66.502	Contract Total: 12



Page 3 of 3

#### STAFF REPORT - CITY COUNCIL/SUCCESSOR AGENCY/PUBLIC FINANCE AUTHORITY

Subject:	City Council Authorization to the City Manager to Enter Into a Professional Services Agreement with Environmental Permitting Specialist (EPS) to Prepare a Risk Management Program and Process Safety Management Program for the City of Coalinga Water Treatment Plant
Meeting Date:	August 15, 2019
From:	Marissa Trejo, City Manager
Prepared by:	Sean Brewer, Community Development Director

#### I. RECOMMENDATION:

Staff recommends the CIty Council authorize the City Manager to enter into a professional services agreement with environmental permitting specialist (EPS) to prepare a risk management program (RMP) and process safety management (PSM) program for the City of Coalinga Water Treatment Plant.

#### **II. BACKGROUND:**

The City maintains up to four (4) tons of chlorine at the water treatment plant (WTP) which triggers state and federal oversight and subjects the City to implementing mandatory programs such as the Hazardous Material Program, Risk Management Program and a process Safety Management Program. During PARSAC's annual risk assessment visit earlier this year, one of the findings was that the City did not have any of these programs in place and needed to address this issue as soon as possible due to the continued storage of chlorine at particular thresholds.

The CERS program is an outgrowth of the Hazardous Materials Business Plan which was required in 1986. CERS online reporting replaced paper Hazardous Materials Business Plan submissions when it became mandatory in 2013.

In terms of program development, the CERS reporting system is its own entity. Its development is separate from the other programs. The RMP and PSM programs, however, are highly interrelated. The basic difference between RMP and PSM programs is that the RMP program is an EPA - CalEPA program that concentrates on minimizing damage to the environment and the surrounding population. PSM is an OSHA - Cal/OSHA program the deals solely with employee health and safety. The RMP and PSM programs are similar enough in nature and in the elements required, that one program element can usually be applied to all three programs (PSM and Federal and California RMP).

#### **III. DISCUSSION:**

The proposal from EPS is attached to this report identifies the scope of work needed to be completed in order for the City to become in compliance with the State and Federal Government as it relates to the storage of the chlorine at the water treatment plant. This includes completing both the Risk Management Plan and Process Safety Plan, in addition to participating in the California Environmental Reporting System (CERS).

#### **IV. ALTERNATIVES:**

None - these are mandatory programs that the City must complete and maintain in order to stay within State and Federal compliance for the storage of hazardous materials.

#### V. FISCAL IMPACT:

According to the proposals estimated budget for program development is \$28,959. Due to some uncertainties such as county requirements and limited understanding of the water plant staff is requesting additional contingency for unforeseen expenses for a not to exceed contract in the amount of \$35,000. This will be budgeted from the water treatment plan professional services account: 501-503-88100. There is sufficient funds budgeted to cover this expense.

#### ATTACHMENTS:

File Name

Description

Coalinga\_RMP-PSM\_Proposal\_7-26-19.pdf

EPS Proposal - RMP-PSM Program Development



July 26, 2019

Mr. Sean Brewer, Public Works Director (I) City of Coalinga 155 W Durian Coalinga, CA 93210

Subject: Proposal for regulatory required programs related to the storage and use of chlorine at the City's Water Treatment Plant per PARSAC findings.

Dear Mr. Brewer,

Thank you for your telephone call of July 16. Environmental Permitting Specialists (EPS) is pleased to respond to the City's request for assistance. As the Risk Manager for PARSAC, Mr. Erike Young, discussed the fact that the storage and use of chlorine above threshold quantities triggers certain kinds of regulatory oversight. Our conversation went into this in a little more depth. Specifically, the programs and threshold quantities are as follows:

Threshold Qty. Cl <sub>2</sub>	Program	Submitted to
100 pounds	California Environmental Reporting System (CERS)	Fresno County Certified Unified Program Agency (CUPA) through website. (CUPA
		inspects triennially).
	California Accidental	Fresno County CUPA (CUPA inspects
	Release Prevention	triennially).
	Program (CalARP) also	
	called Risk Management	
	Program (RMP)	
1,500 pounds	Process Safety	No submission required. Must have
	Management (PSM)	program and documentation available
	Program	for unannounced Cal / OSHA inspections
		through a High Hazard Unit. Typical
		inspection not more than once every 5
		years unless an injury occurs. Initial
		inspection can occur any time.
2,500 pounds	Accidental Release	USEPA through its Central Data
	Prevention (ARP) Program	Exchange server. (EPA can but seldom
	called Federal Risk	inspects except for releases).
	Management Program	
	(RMP)	

The City is subject to all of these programs as it maintains up to 4 tons of chlorine at the water treatment plant (WTP). I looked on public websites prior to creating this proposal. The City of Coalinga does not appear on any of them indicating that no program was ever filed.

The CERS program is an outgrowth of the Hazardous Materials Business Plan which was required in 1986. CERS online reporting replaced paper Hazardous Materials Business Plan submissions when it became mandatory in 2013.

A predecessor of the CalARP (RMP) program called Risk Management Prevention Plans (RMPP) was required in 1994. It's outgrowth, CalARP, was required in 1999 when the Federal EPA made its RMP rule mandatory June 1999. Cal / OSHA PSM programs were required beginning in 1992. Cal / OSHA started its own high hazard enforcement unit to inspect PSM facilities approximately 2003.

In terms of program development, the CERS reporting system is its own entity. Its development is separate from the other programs. The RMP and PSM programs, however, are highly interrelated. The basic difference between RMP and PSM programs is that the RMP program is an EPA - CalEPA program that concentrates on minimizing damage to the environment and the surrounding population. PSM is an OSHA - Cal/OSHA program the deals solely with employee health and safety. The RMP and PSM programs are similar enough in nature and in the elements required, that one program element can usually be applied to all three programs (PSM and Federal and California RMP).

#### **Proposed Work**

#### CERS

CERS requires that the City file information through the CalEPA server and be inspected by Fresno County CUPA. The online forms require a declaration page, a page describing the subject programs, a list of all flammable, hazardous and extremely hazardous chemicals, a facility site plan, an emergency response plan, and training carried out for the employees. The declarations page provides information as to who is legally responsible. It also names the environmental coordinator and the emergency contact(s). Finally, it provides billing information for the County to assess fees. All chemicals that are flammable, hazardous or highly hazardous and are above threshold quantities are listed on the chemical forms and a site plan showing each chemical storage location is created. This information is also passed to the Fire Department to provide them with forewarning in the event of an emergency. A list of emergency equipment and employee training is required demonstrating employer activity and employee preparedness in the event of a release.

#### RISK MANAGEMENT PLAN (RMP)

There are three aspects to the RMP:

- 1. the California program,
- 2. the Federal program, and
- 3. the prevention program elements used to minimize the result of any potential release.

The California (CalARP/RMP) program requires registration with the CUPA as the first step. We recommend that this occurs around the kickoff meeting. This will inform the CUPA that required programs are currently in development and it will give them input into the time frame. It will probably also minimize the risk of any fines.

Once the CalARP program is started, the City can apply for a Federal identification number to allow for Federal registration. This is the first step in in registering with the EPA. (The prevention program elements will need to be completed to finish the registration).

Prevention program elements are a major portion of the RMPs. They are nearly the same as those required by Process Safety Management and will be addressed below. In addition, the RMPs require a management section, offsite consequence hazard analysis and an emergency response program.

#### PROCESS SAFETY MANAGEMENT (PSM)

PSM is essentially about managing the risks associated a toxic or flammable release by preventing situations to the greatest extent possible, that could create a near miss or a release situation. That is why the elements of this program are called prevention elements. There are 13 prevention elements that must be addressed:

- 1. Process Safety Information.
- 2. Process Hazard Analysis.
- 3. Operating Procedures.
- 4. Training.
- 5. Contractors.
- 6. Pre-Startup Safety Review.
- 7. Mechanical Integrity.
- 8. Hot Work Permit.
- 9. Management of Change.
- 10. Incident Investigation.
- 11. Emergency Planning and Response.
- 12. Injury and Illness Prevention.
- 13. Employee Participation.

In addition, a compliance audit is required every 3 years by Federal OSHA and by the RMP programs. Other health and safety programs such as respiratory protection, eyewash shower, lock out / tagout, etc. are required as needed.

A document showing major RMP and PSM program elements and the method for meeting them is enclosed as a guideline.

#### Work Plan

The first external activity will be to contact Fresno County Environmental Health to discuss the situation. They are required to "work closely" with the facility to achieve compliance. Fresno County has 61 RMP sites currently and have expertise in this. Our expectation is that they will want a time line with deliverables.

The next step is to hold a kickoff meeting that will take the County input, City personnel and RMP/PSM contractor schedules into account and create a schedule for the rest of the project. There are approximately 190 hours planned to create these documents as well as train City personnel on recurring activities and ways to remain in compliance. Coordinating scheduling for all personnel involved will mean that the project will run 90 to 120 days. During this time period 4 days onsite are included: A kickoff day including collecting Process Safety Information, a day to perform the Process Hazard Analysis, a day to review draft documentation and discuss changes, and a day for training.

At the end of the project, our desire is that City personnel have the ability to perform most of the compliance activities themselves (certify operating procedures, document maintenance, perform emergency action plan drills, etc.). In order for this to function, it is necessary that the regulatory work flow works in parallel with the daily activities required for producing water.

The order of activities will probably be:

- Input data into CERS.
- Provide a California RMP registration.
- Begin the process of registering the water treatment plant with the Federal EPA Central Data Exchange Server.
- Begin creating the PSM program with the Process Hazard Analysis.
- Begin creating the RMP program with the Offsite Consequence Analysis and Emergency Response Plan.
- Review the data and documents.
- Perform training.

#### Budget

The attached breakdown of labor costs is based on our understanding of the water treatment plant derived from several photographs and email correspondence. No site visit has been performed. Additionally, EPS has not contacted Fresno County CUPA to determine whether they have any County specific requirements that are not listed on their web site. (An example of this could be that they require a PE signed structural walkdown of the facility which is not included in this estimate).

While we expect this budget to be accurate, some conditions beyond our control may affect it. For this reason, we are proposing that the work be performed on a time and materials basis. We have included a rate sheet.

Breakdown of Labor Costs Based on \$165 per Hour		
Details	Hours	(\$)
CERS Program	11	\$ 1,815
PSM program including binder		
Facility writeup and prevention elements	40	
Process Safety Information and kickoff meeting	14	
Process Hazard Analysis	20	
Operating Procedures	16	
Maintenance Documentation	6	
Review and Production (@ \$ 80/hr.)	10	
Total PSM	106	\$ 16 <i>,</i> 640
RMP Program including binder		
Facility writeup and required elements	16	
Executive Summary	2	
Registration and Data Elements	5	
Offsite Consequence Analysis	4	
Emergency Response Plan for Cl <sub>2</sub>	6	
Review and Production (@ \$ 80/hr.)	10	
Total RMP	43	\$ 6,245

Breakdown of Labor Costs Based on \$165	5 per Hour	
Details	Hours	(\$)
Respiratory Protection Program	8	\$ 1,320
Onsite review of all draft material	8	\$ 1,320
Training (RMP/PSM/ Operating Procedures,		
Required Periodic Activities, etc.)	12	\$ 1,980
BUDGETED HOURS	188	\$ 29 <i>,</i> 320
DISCOUNT FOR REFERRAL FROM PARSAC	10%	(\$ 2,932)
Travel (budgeted at 525 mi RT @ \$0.75/mi, hotel @		
\$150/night, and per Diem @ GSA rates for Fresno		
Co). (4 trips @ \$642.75)		
Expenses will be billed at cost		
BUDGETED EXPENSES		\$ 2,571
BUDGETED COST		\$ 28,959

We have provided a discount for the referral from PARSAC. You will find a 10 % discount that is applied directly to the labor portion of this budget.

#### **Organization and Qualifications**

Environmental Permitting Specialists (EPS) is a 25+ year old consulting group owned and managed by Ray Kapahi. Mr. Kapahi is an air permitting specialist who has experience in hazard assessments for all types of air releases. EPS maintains a small group of independent consultants that work individually or together depending on the work project. EPS added an RMP/PSM specialty in 2016 when it added Carter Redding as a partner in the group. Carter is the primary contact for this work.

Carter has worked with Process Safety Management and Risk Management since 2003. He is a Certified Hazardous Materials Manager and has maintained his certification since 2003. Prior to working with EPS, he worked for Oscar Larson and Associates and Condor Earth Technologies. He managed the RMP and PSM groups at both firms. He has created programs for several different chemicals but specializes in chlorine and sulfur dioxide for water and wastewater treatment. He has created numerous RMPs and/or PSMs and worked with over 40 clients in 6 states performing this work.

He has experience in OSHA compliance. He has also been the trainer for the Cal / OSHA PSM enforcement division in 2013 (ammonia refrigeration) and 2019 (chlorine and sulfur dioxide in water and wastewater treatment).

A copy of his resume is included.

#### References

The accompanying list is a selection of current clients.

City of Sacramento

Facility: E. A. Fairbairn Water Treatment Plant Sacramento River Water Treatment Plant Contact: David Herrmann, Water Production Superintendent (916) 808-5652 <u>dherrmann@cityofsacramento.org</u> **City of Redding** Facility: Foothill Water Treatment Plant Buckeye Water Treatment Plant Contact: Conrad Tona, Superintendent (530) 225-4552 ctona@cityofredding.org Bella Vista Water District Facility: Wintu Pumping Plant Contact: Tom Zaharris, Superintendent (530) 224-6501 tzaharris@bvwd.org **Clear Creek Community Services District** Facility: Water Treatment Plant Rick Cascarina, Assistant Superintendent Contact: (530) 357-2121 rickc@clearcreekcsd.com City of Nevada City Facility: Nevada City Wastewater Treatment Plant Nevada City Water Treatment Plant Contact: Kevin Timms, WTP and WWTP Chief Plant Operator (530) 265-2496 Kevin.Timms@nevadacityca.gov

If you have any questions or require additional information, please contact Carter Redding at (530) 906-6802 or by e-mail at carter.redding@gmail.com at your convenience. We appreciate your consideration for this work.

Sincerely,

X-idda

Carter Redding, Partner Environmental Permitting Specialists 7068 Riverside Blvd Sacramento CA 95831

Attachments: Program Requirements and Method for meeting them Resume Carter Redding EPS Rate Sheet

## SUMMARY OF MAJOR RMP & PSM REQUIREMENTS AND RESPONSIBILITIES WITH THE CITY OF COALINGA WITH METHODS FOR MEETING THEM

<ul> <li>2735.6 Program Management System. Owner must develop a management system to oversee the implementation of the Risk Management Plan (RMP). A qualified person must be in charge of the implementation of the entire plan. Where multiple people are used to implement different parts of the plan, authority must be delegated and delineated.</li> <li>Method for meeting requirement: The City ofuses a document management system to track various elements of the plan. The City'sis responsible for overall implementation of all elements.</li> <li>Responsible Individual:</li> <li>Required Review: System changes, Last Reviewed: some personnel changes, audit Next Scheduled Review: recommendations, and 5-year updates</li> <li>Required Revision: Only when Status: conditions change.</li> <li>2745.5 Accident History. Owner or operator must submit an accident report over each accident that has occurred during the last 5 years.</li> <li>Method for meeting requirement: There have been no accidents within the las years.</li> <li>Responsible Individual: Required Revision: When an accident or near miss occurs. Next Scheduled Revision: N/A accident or near miss occurs. Next Scheduled Revision: N/A accident or near miss occurs. Next Scheduled Revision: N/A accident or near miss occurs. Next Scheduled Revision: N/A accident or near miss occurs. Next Scheduled Revision: N/A accident or near miss occurs. Next Scheduled Revision: N/A accident or near miss occurs. Next Scheduled Revision: N/A accident or near miss occurs. Next Scheduled Revision: N/A accident or near miss occurs. Status: No action presently needed.</li> <li>2745.10 RMP Updates. Owner or operator shall update the RMP every five (5) years on within six (6) months of an occurrence that requires a revised process hazard analysis or offsite consequence analysis. Other required updates include withir three (3) years of new process listed by Cal OES or before a new proccess is started for an existing chemical.</li> <li>Meth</li></ul>	CA RMP 19 CCR <sup>1</sup>	CA PSM 8 CCR <sup>2</sup>	Summary Desc	ription of Element
Method for meeting requirement: The City ofuses a document management system to track various elements of the plan. The City'sis responsible for overall implementation of all elements.         Responsible Individual:         Required Review: System changes, audit       Next Scheduled Review: recommendations, and 5-year updates         Required Revision: Only when conditions change.       Next Scheduled Review: submit an accident report over each accident History. Owner or operator must submit an accident report over each accident that has occurred during the last 5 years.         Method for meeting requirement: There have been no accidents within the las years.         Required Revision: When an accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.	2735.6		<b>Program Management System.</b> Owner must develop a management system to oversee the implementation of the Risk Management Plan (RMP). A qualified person must be in charge of the implementation of the entire plan. Where multiple people are used to implement different parts of the plan, authority must be delegated and delineated.	
Required Review: System changes, some personnel changes, audit       Last Reviewed: Next Scheduled Review:         recommendations, and 5-year updates       Next Scheduled Review:         Required Revision: Only when conditions change.       Status:         2745.5       Accident History. Owner or operator must submit an accident report over each accident that has occurred during the last 5 years.         Method for meeting requirement: There have been no accidents within the las years.         Responsible Individual:         Required Revision: When an accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.			<i>Method for meeting requirement</i> : The City ofuses a document management system to track various elements of the plan. The City'sis responsible for overall implementation of all elements.	
Required Revision: Only when conditions change.       Status:         2745.5       Accident History. Owner or operator must submit an accident report over each accident that has occurred during the last 5 years.         Method for meeting requirement: There have been no accidents within the las years.         Responsible Individual:         Required Revision: When an accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Next Scheduled Revision: N/A accident or near miss occurs.         Status: No action presently needed.         2745.10         RMP Updates.         Owner or operator shall update the RMP every five (5) years or within six (6) months of an occurrence that requires a revised process hazard analysis or offsite consequence analysis. Other required updates include within three (3) years of new process listed by Cal OES or before a new process is started for an existing chemical.         Metho			Required Review: System changes, some personnel changes, audit recommendations, and 5-year updates	Last Reviewed: Next Scheduled Review:
<ul> <li>2745.5 Accident History. Owner or operator must submit an accident report over each accident that has occurred during the last 5 years. Method for meeting requirement: There have been no accidents within the las years. Responsible Individual: Required Revision: When an accident or near miss occurs. N/A accident or near miss occurs. Next Scheduled Revision: N/A Status: No action presently needed.</li> <li>2745.10 RMP Updates. Owner or operator shall update the RMP every five (5) years or within six (6) months of an occurrence that requires a revised process hazard analysis or offsite consequence analysis. Other required updates include withir three (3) years of new process listed by Cal OES or before a new process is started for an existing chemical. Method for meeting requirement: Updates are performed according to the requirement.</li> </ul>			<i>Required Revision:</i> Only when conditions change.	Status:
years.         Responsible Individual:         Required Revision: When an accident or near miss occurs.         Next Scheduled Revision: N/A         accident or near miss occurs.         Next Scheduled Revision: N/A         2745.10         RMP Updates. Owner or operator shall update the RMP every five (5) years or within six (6) months of an occurrence that requires a revised process hazard analysis or offsite consequence analysis. Other required updates include within three (3) years of new process listed by Cal OES or before a new process is started for an existing chemical.         Method for meeting requirement:       Updates are performed according to the requirement.	2745.5		Accident History. Owner or operator is accident that has occurred during the la Method for meeting requirement: The	nust submit an accident report over each ast 5 years. ere have been no accidents within the last
Required Revision: When an accident or near miss occurs.Last Revision: N/A Next Scheduled Revision: N/A2745.10RMP Updates. Owner or operator shall update the RMP every five (5) years or within six (6) months of an occurrence that requires a revised process hazard analysis or offsite consequence analysis. Other required updates include within three (3) years of new process listed by Cal OES or before a new process is started for an existing chemical.Method for meeting requirement: requirement.Updates are performed according to the requirement.			years. <b>Responsible Individual:</b>	
2745.10RMP Updates. Owner or operator shall update the RMP every five (5) years or within six (6) months of an occurrence that requires a revised process hazard analysis or offsite consequence analysis. Other required updates include within three (3) years of new process listed by Cal OES or before a new process is started for an existing chemical.Method for meeting requirement: requirement.			<i>Required Revision:</i> When an accident or near miss occurs.	Last Revision: N/A Next Scheduled Revision: N/A
<i>Method for meeting requirement</i> : Updates are performed according to the requirement.	2745.10		<i>RMP Updates.</i> Owner or operator shall within six (6) months of an occurrence analysis or offsite consequence analysis three (3) years of new process listed by started for an existing chemical.	Il update the RMP every five (5) years or that requires a revised process hazard s. Other required updates include within Cal OES or before a new process is
			<i>Method for meeting requirement</i> : Uporequirement.	dates are performed according to the
Responsible Individual:			Responsible Individual:	
Required Revision:       Every 5 years or       Last Revision:       (Federal)         whenever a revised hazard review or       (CalARP)       Nort Scheduled Bruision:			<b>Required Revision:</b> Every 5 years or whenever a revised hazard review or affeite concernence is required.	Last Revision: (Federal) (CalARP)
(Federal) (PHA and 5- vear update)			onshe consequence is required.	(Federal) (PHA and 5- year update)
Status: No action presently required.				Status: No action presently required.

2745.10 .5	<ul> <li><i>Required RMP Corrections.</i> Owner or operator must submit information within 6 months of an accident or within 30 days of change in emergency contract.</li> <li><i>Method for meeting requirement</i>:</li> </ul>		
	Responsible Individual:		
	<b>Required Review:</b> Before all PHAs and 5-year updates. After an emergency contact is changed.	<i>Last Reviewed:</i> (5-year Federal Update) <i>Next Scheduled Review:</i> At the next	
	Required Revision: Only when	PHA and 5-year update. ()	
	conditions change.	Sums. No action presently needed.	
2745.11	<i>Covered Process Modification.</i> The covered processes when either the risk quantity changes significantly. The R this occurring.	owner or operator must manage change of k associated with the chemical or its MP must be updated within 6 months of	
	<i>Method for meeting requirement</i> : Management of Change and Pre-Startup Safety Review procedures are part of the Process Safety Management program.		
	Responsible Individual:		
	<i>Required Review:</i> Before changing the process	Last Reviewed: Next Scheduled Review:	
	<i>Required Revision:</i> Only when conditions change.	Status: No action presently needed.	
2745.12	<i>Certificate of Occupancy.</i> The buildid Certificate of Occupancy before operative operative operations.	ng owner or operator must obtain a ating a process with RMP quantities of	
	<i>Method for meeting requirement</i> : By requirements and are grandfathered in	uilding and process pre-date RMP	
	Responsible Individual:		
	<b>Required Review:</b> During the Management of Change	Last Reviewed: N/A Next Scheduled Review: N/A	
	<i>Required Revision:</i> Only when conditions change.	Status: No action presently needed.	

2750.7		<i>Offsite Consequence Analysis Review</i> review and update the Offsite Conseque years. The OCA must also be updated of the regulated substance stored will in a factor of 2. This must be done within chemical onsite. <i>Method for meeting requirement</i> : The	and Update. Owner or operator must ence Analysis (OCA) at least every 5 in the event that a change in the amount hcrease or decrease the toxic endpoint by 6 months of changing the amount of
		the amount of regulated substance onsi	te.
		Responsible Individual:	
		<i>Required Review:</i> At the time of the 5 year update	Last Reviewea: Navt Schadulad Paviaw:
		5-year update	Text Scheunieu Keview.
		<i>Required Revision:</i> Only when conditions change.	<i>Status:</i> No action presently needed.
2760.1	5189(d)	<b>Process Safety Information.</b> Employe the chemicals and processes, including communicated to employees involved if and chemicals forms the database for the	r must compile safety information about P&ID. Must be accessible and in the processes. Description of system he Process Hazard Analysis.
		<i>Method for meeting requirement</i> : A c regarding the chemicals. Process speci described in the RMP, PSM, and manu descriptions for the Process Hazard An Information for the system. An up to da	hlorine SDS is used for information fications and design standards are facturer O and M manuals. Node alysis provide part of the Process Safety ate PID is maintained.
		Responsible Individual:	
		<i>Required Review:</i> Before all Process Hazard Analyses, Audits and 5-year updates	Last Reviewed: Next Scheduled Review:
		<i>Required Revision:</i> Only when conditions change.	<i>Status:</i> No action presently needed.

2760.2	5189(e)	<ul> <li>Process Hazard Analysis. Structured analysis of hazards performed by persons knowledgeable of the process and of hazard analysis techniques, or by checklist developed by such persons. Must include external events to meet California requirements. Must be updated every 5 years and whenever a major change to the system is made. Safety improvement recommendations must be documented and committed actions tracked to completion. Committed recommendations must be implemented prior to starting up a changed system.</li> <li>Method for meeting requirement: An RMP consultant, Environmental Permitting Specialists, was used to conduct the Process Hazard Analysis (PHA). The consultant uses a combination of what if/ checklist and additional checklist questions. The subject system is broken down into specific nodes and each is probed for weaknesses. External events are covered. A seismic walkdown was performed</li> </ul>	
		Responsible Individual:	
		<i>Required Review:</i> Every 5 years and before major changes	Last Reviewed: Next Scheduled Review: Open Commitments:
		<b>Required Revision:</b> After every review	<i>Status:</i> Committed Action Tracking created for PHA.
2760.3	5189(f)	Operating Procedures and Safe Work develop and implement written operation normal operation, temporary operation and safety precautions. Employer must lockout/tagout, other non-routine work Method for meeting requirement: Operation	<b>Practices.</b> Owner or operator must ng procedures including at least startup, s, operating limits, equipment inspection, implement safe work practices including authorizations, and site access control. erating procedures have been written.
		Responsible Individual:	
		<i>Required Review:</i> Yearly for currency and applicability.	Last Reviewed: Next Scheduled Review:
		<i>Required Revision:</i> When conditions change.	Status:
2760.4	5189(f)	<i>Training.</i> Each employee involved in training, refresher training, and suppler and maintenance procedures. Training testing or verification are required.	a covered process must receive initial mental training as necessary on operating certification records and some form of
		Method for meeting requirement:	
		Responsible Individual:	
		<b>Required Training:</b> Every 3 years maximum or when procedures changes.	<i>Last Training:</i> <i>Next Scheduled Training:</i> asap
		Required Revision:	Status: .

2760.5 5189(j) <i>Mechanical Integrity (Maintenance)</i> . Written procedures are required reporting of deficiencies and assure follow-up, to certify performance or required inspection and test, and to assure that materials and installation consistent with design specifications and manufacturer's recommendat. Persons performing maintenance (including contract maintenance persons be trained. All equipment including each test and inspection must tracked cradle to grave on each piece of equipment.	<i>Mechanical Integrity (Maintenance).</i> Written procedures are required to allow reporting of deficiencies and assure follow-up, to certify performance of each required inspection and test, and to assure that materials and installation are consistent with design specifications and manufacturer's recommendations. Persons performing maintenance (including contract maintenance personnel) must be trained. All equipment including each test and inspection must be tracked cradle to grave on each piece of equipment.		
<i>Method for meeting requirement</i> : Maintenance, inspection, and testing generally follow manufacturer's recommendations.	g		
Responsible Individual:			
<b>Required Review:</b> Every 5 years and <b>Last Reviewed:</b>			
before major changes. Next Scheduled Review:			
Required Revision: As needed Status:			
2760.6 5189(1) Management of Change. Employer must develop and implement write	ten		
procedures to assure that, prior to alteration of process systems, the im-	pact of		
the change on safety and all related changes to operation and maintena	nce		
procedures, process safety information, etc. are addressed.			
<i>Method for meeting requirement</i> : PSM has required Management of information	Change		
Responsible Individual:			
<b>Required Review:</b> With each change Last Reviewed: 7			
that is not replacement in kind. Next Scheduled Review: As a	needed		
Status:			
2760.7 5189(i) <i>Pre-Startup Safety Review</i> . Employer must perform a safety review p introducing hazardous chemicals into or starting up a new or significan modified process. The review must include, among other things, verificate that employees have been trained.	rior to tly cation		
<i>Method for meeting requirement</i> : PSM has required Pre-Startup Safe Review information.	ty		
Responsible Individual:			
<b>Required Review:</b> With each change Last Reviewed:			
that is not replacement in kind. Next Scheduled Review: As a	needed		
	100000		
Status: MOC and PSSR is cu	rrently up		

2760.8 29 CFR 1910. 119(0) <sup>3</sup>		<b>Compliance Audits.</b> Owner or operator must perform an audit of the Accidental Release Prevention program at least once every 3 years, document the findings, and follow up on committed actions to correct deficiencies. This is a federal requirement, applicable also to California. The employer is required to set up an audit program for the PSM providing for operating procedure certification every year, audits every 3 years, and a follow-up system to assure that audit exceptions are dealt with.		
		Method for meeting requirement: An follow the ColAPB and ColOSHA requi	RMP audit will be done. The audit will	
		Responsible Individual:		
		<b>Required Review:</b> Every 3 years.	Last Reviewed:	
		<b>1</b>	Next Scheduled Review:	
		Required Revision: N/A	<i>Status of Open Commitments:</i> In process	
2760.9	5189(m)	<i>Incident Investigation.</i> Incident invest accidents and near-misses. Report find employees, recommendations resolved	tigations are required to be performed for lings are to be reviewed with affected , and implementation recorded.	
		Method for meeting requirement: The	e PSM has an incident investigation	
		policy. There have been no accidental	releases.	
		Responsible Individual:		
		Required Review: As needed.	Last Reviewed:	
			Next Scheduled Review: N/A	
		Required Revision: As needed.	Status: No action presently needed.	
2760.10	<b>5189(p)</b>	<i>Employee Participation</i> . Each employ	ee involved in a covered process must	
		receive initial training, refresher training	ig, and supplemental training as	
		records and some form of testing or ver	rification are required	
		Method for meeting requirement:		
		Responsible Individual		
		Required Review: As needed	Last Review:	
		1	Next Scheduled Review:	
		Required Revision:	Status: Out of date	
2760.11	<b>5189(k)</b>	Hot Work Permit. Employer shall dev	elop and implement a written procedure	
		for permitting welding and cutting open	rations to prevent fires and explosions.	
		This is related to the fire prevention pro-	ogram required by other sections.	
		Method for meeting requirement: The	e City performs no hot work in the	
		chlorine storage or feeding rooms.		
		Responsible Individual:	Last Devision. N/A	
		Required Revision: As needed.	Next Scheduled Revision: N/A	
			Status: No action presently needed	
			Sums. To action presently needed	

2760.12	5189(h)	<i>Contractors.</i> Employers must inform contractor's work and of the facility's of to maintain training programs and foll required of the employer, qualify can their safety record, and periodically ex <i>Method for meeting requirement</i> : The <i>Responsible Individual:</i> <i>Required Training:</i> As needed.	contractors of hazards involved in the emergency action plan, require contractors ow safe work practices equal to that lidate contractors in part by reference to valuate contractor's safety performance. The PSM Program has required information.
	<b>5100</b> ()	Requirea Revision:	
	5189(0)	identification, communication, incider IIPP must be upgraded as necessary to	and training elements of the satisfy PSM program requirements.
		Method for meeting requirement:	
		Responsible Individual:	
		Required Review: Varies	Last Review: Next Scheduled Review: As needed
			Status:
2765.1 2765.2	5189(n) 3220	<i>Emergency Planning and Response.</i> portion of the required Hazardous Mar If a facility does not maintain First Re coordinate with the organization provi Otherwise, a sufficient number of faci and equipped to respond.	This is essentially the emergency action terials Management Plan (Business Plan). sponder capability, the facility needs to iding First Response to releases. lity personnel need to be properly trained
		Method for meeting requirement:	maintains an incidental
		response plan for a variety of conditio responding facility (911 and run).	ns. The water treatment plant is a non-
		Responsible Individual:	
		Required Review: Yearly for	Last Reviewed:
		accuracy.	Next Scheduled Review:
		Required Revision: As necessary.	Status:
2775.1	68.200	<b>Record keeping:</b> All records are requi	red to be kept for a minimum of 5 years
		<i>Method for meeting requirement</i> The will maintain records.	City lacks clear definition of how they
		Responsible Individual:	
		<b>Required Review:</b> N/A	Last Reviewed: Next Scheduled Review:
		<i>Required Revision:</i> Continuous as needed.	Status: Needs Update

<sup>1</sup> California Accidental Release Prevention Program Regulations, Title 19 CCR, Div. 2, Chapter 4.5, Section 2735ff.

<sup>2</sup> Cal/OSHA General Industrial Safety Orders, Title 8 CCR Section 5189.

<sup>3</sup> Federal OSHA Title 29 CFR Part 1910.119



#### **Areas of Expertise**

- Risk Management of Highly
   Hazardous Chemicals
- Health and Safety and
   Program Preparation
- Emergency Action / Response Programs
- First Responder Training
- General OSHA Compliance

#### **Industries Served**

- Water and Wastewater Treatment
- Industrial Processors
- Agricultural Food Processors
- Energy Sector Combustion Turbines

# Registration & Certifications

- Certified Hazardous Materials Manager, 2003, #12242
- CSTI First Responder Awareness, Operations, Industrial Technician & Decon
- NIMS SEMS ICS 100, 200, 800, 900 compliant.

## **Special Training**

- Previous American Red Cross Instructor and Instructor / Trainer for US DOT Emergency Medical Response Courses
- Co-instructor Aircraft First Responder Awareness

#### Professional Organizations

Organizations

Member, Association of Hazardous Materials Managers

Member Infragard

#### Education

M.S., Earth Science, Case Western Reserve University, Cleveland, Ohio, 1976 B.A., Geology, Case Western Reserve University, Cleveland, Ohio, 1973

#### **Representative Experience**

Carter Redding has over 17 years of experience in the fields of hazardous materials, regulatory compliance and emergency planning, response management and training. He has more than 35 years of experience in the general fields of research, engineering, and applied science. His specialty includes utilizing his diverse experience to produce unique solutions for his clients' challenges, and being able to work and manage different personnel from different groups in a team setting. He has managed a health and safety division that consulted with clients on ammonia refrigeration, water and wastewater issues, pesticides, and worker health and safety. He currently uses his management experience to create individual solutions that meet his client's organizational needs.

He is a partner with Environmental Permitting Specialists where he evaluates and mitigates client regulatory exposure He is responsible for implementing comprehensive hazardous materials risk assessment, regulatory program responses, and management overview of client sites. He provides site investigations and develops various CUPA and Cal / OSHA programs. He has managed Program 2 and 3 chemical Risk Management and Process Safety Management programs at customer requests. This includes specialized documentation required for Hazard Reviews and Process Hazard Analyses.

Mr. Redding has provided inspections and mock OSHA inspections to gauge client's level of compliance and to help them prepare for regulator visits.

He has also performed physical and chemical security vulnerability assessments. As with hazardous material risk assessments, this work has three phases: The vulnerability assessment, the development of the emergency response plan, and the training program to effectively implement it.

Mr. Redding provides training on a variety of topics for OSHA, EPA and Emergency Medical Response.

### Patents

Hydrocyclone having an unconstrained vortex breaker. U.S. Patent 6,849,182. Issued 2/1/2005 Air Emulsion Suspension Generator. Application 8/2017

### Volunteerism

Past President, Sacramento Regional Citizen Corps Council (SRCCC) SRCCC received Citizen Corp of the year award for a city over 1 million in 2009

#### Lecturer / Invited Speaker

Monterey County CUPA 2004-2006

Continuing Challenge, Sacramento CA. Aircraft Hazardous Materials 2009-2010.

Sacramento ASSE Professional Development Conference: Process Safety Management 2009

CWEA Northern Section Conference 2009: Surviving the aftermath of a disaster. Preplanning infrastructure for a FEMA mitigation effort.

Lecturer for advanced ammonia training for Cal / OSHA PSM Unit 2013

Lecturer for advanced chlorine and sulfur dioxide training for Cal / OSHA PSM Unit 2019

## **Selected Projects**

- City of Sacramento, Utilities Department, Sacramento CA. Project: Provide comprehensive support for RMP required updates including 5-year updates, Process Hazard Analyses, and Compliance audits. Work was for 2 Water Treatment Plants and 32 wells. Goal: Provide compliant documents for Sacramento County Environmental Health Department. Help coordinate work across the three groups that are associated with isk Management Programs
- Arctic Glacier Ice, Elk Grove CA. Project: Provide RMP required documentation for a 700 Ton/day ice plant. Goal: Determine the technical sufficiency of the RMP. Provide documentation needed to remain compliance.
- Orange County Sanitation District, Fountain Valley CA. Project: Assess overall health and safety and regulatory compliance programs at the District's two large wastewater treatment plants in preparation for VPP submission. Goal: Assist prime contractor in evaluating programs by providing expertise in programs and in the functioning of the two plants. Determine level of compliance with California and Federal OSHA EPA and ARB regulations.
- Nevada City Water and Wastewater Treatment Plants, Nevada City CA. Project: On-call safety consulting including RMP, PSM, First Responder Training, Multihazard mitigation planning, and Other Cal/OSHA – Cal/EPA programs. Provide guidance for two Cal /OSHA informal settlement conferences. Goals: Provide shortterm effective response to City needs. Provide effective defense to a citation that would have required the City to change disinfection equipment. (The citation was rescinded).
- City of Redding Department of Utilities, Redding, CA. Project: Provide RMP and PSM assistance for two water treatment plants, two wastewater treatment plants, and 13 water wells over the last 10+ years. Assist in response to a Cal/OSHA PSM citation and preparation for an informal settlement conference. Goal: Provide oversight and functional systems that keep client in regulatory compliance.
- **Oakdale Irrigation District, Oakdale, CA**. Project: Provide Cal-ARP and PSM required documentation for District's acrolein usage. Goal: Provide PHA and oversee required documentation for compliance.



## January 1, 2019

Rate Schedule	
Labor Details	(\$) / hour
Partner / Principal	\$165
Administration / Clerical	\$ 80
Travel Time <sup>1</sup>	\$ 90
Expense Details	(\$) /unit
Food, Lodging, Travel Expenses, Incidentals	At cost
Mileage (Actual)	\$0.75/mile
Equipment Rental, Production Costs, Miscellaneous	At cost

<sup>1</sup> Initial 4 hours travel time covered. Rate beyond covered 4 hours.

#### STAFF REPORT - CITY COUNCIL/SUCCESSOR AGENCY/PUBLIC FINANCE AUTHORITY

Subject:	Waive Second Reading and Adopt Ordinance No. 831 Amending the Planning and Zoning Code Related to Legal Non-Conforming Structures and Uses (City Initiated Zoning Text Amendment Application ZTA 19-02)
Meeting Date:	August 15, 2019
From:	Marissa Trejo, City Manager
Prepared by:	Sean Brewer, Community Development Director

#### I. RECOMMENDATION:

Waive the Second Reading and Adopt Ordinance No. 831, A City Initiated Zoning Text Amendment (ZTA 19-02) Adopting an Ordinance Amending Article 2 of Chapter 6 of the Planning and Zoning Code Related to Legal Non-Conforming Status.

## **II. BACKGROUND:**

Nonconforming use, as defined, means a lawful existing use that does not conform to the City's current land use ordinances, either because it was established prior to the enactment of City ordinances governing the use, or because the use conformed at the time it was established but applicable City ordinances have since changed. The legal non-conforming section of the planning and zoning code designed is to permit continuation of uses and continued occupancy and maintenance of structures that were legally established but do not comply with all of the standards and requirements of this Ordinance in a manner that does not impair public health, safety, and general welfare.

These provisions apply to structures, land and uses that have become nonconforming by operation of this Ordinance and that remain in a nonconforming status by application of this chapter, as well as structures, land, and uses that hereafter become nonconforming due to annexation to the City or amendments to the zoning map or development Ordinance text.

Currently, no nonconforming use may be resumed, reestablished, reopened or replaced by any other nonconforming use after it has been abandoned or vacated for a period of six (6) months, except as provided for in the planning zoning code. The nonconforming use of a legally established structure may be reestablished if the City Council approves a Conditional Use Permit after making specific findings in addition to any other required findings the Council deems necessary.

There have been several instances where properties have discontinued use activity where the previous use was operating as a legal non-conforming use and the turn around to sell the property or find a new tenant is not always quick. Therefore, the property would lose it's legal non-conforming use and would no longer permit certain land use activities. This ordinance will extend the six (6) month period to one (1) year to maintain legal non-conforming status.

On July 9, 2019 the Planning Commission approved Resolution No. 019P-007 recommending approval of Ordinance No. 831 by the City Council. On August 1, 2019 the City Council held a public hearing and introduced and waived the first reading of Ordinance No. 831 moving to a second reading and adoption at their next meeting.

#### **III. DISCUSSION:**

Ordinance No. 831 updates section 9-6.210 of the Coalinga planning and zoning code related to the abandonment of non-conforming uses. Staff has amended the section to increase the time of property inactivity from six (6) months to one (1) year. This will allow properties the ability to sell to similar tenants/property owners should a use wish to continue.

This change would effect low impact uses where possible amortization is exempt from legal non-conforming status. These are uses that if remain in perpetuity would not have a significant impact on the health, safety and welfare of the surrounding properties and uses.

A copy of Ordinance No. 831 has been attached to this report.

**Public Notification:** Public hearing notices were circulated in accordance with planning and zoning code in addition to state law.

**Environmental Review:** Staff has determined that the follow action before the Commission is not subject to CEQA and is covered by the general rule common sense exemption that CEQA applies only to projects which have the potential for causing a significant effect on the environment. It can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment, and therefore the activity is not subject to CEQA.

#### **IV. ALTERNATIVES:**

Do not adopt Ordinance No. 831 - Not recommended.

#### V. FISCAL IMPACT:

The following standard findings must be made for each Zoning Ordinance amendment. Specific findings may also be required by the decision-making body on a case-by-case basis. Staff feels that all of these finds have been met in order to approve the proposed text amendment for legal non-conforming uses.

(1) The proposed Zoning Ordinance amendment would not be detrimental to the public interest, health, safety, convenience, or welfare of the City.

(2) The proposed Zoning Ordinance amendment is consistent and compatible with the goals, policies, and actions of the General Plan, and the other applicable provisions of the Zoning Ordinance.

(3) If applicable, the site is physically suitable (including, but not limited to access, provision of utilities, compatibility with adjoining land uses, and absence of physical constraints) for the requested zoning designations and anticipated land uses/developments.

(4) The proposed Zoning Ordinance amendment has been processed in accordance with the applicable provisions of the California Government Code and the California Environmental Quality Act.

#### ATTACHMENTS:

File Name

Legal\_Non-Conforming\_(Abandonment)\_Draft\_Ordinance\_831\_(Exhibit\_A).docx

Description Ordinance No. 831 - Legal Non-Conforming

#### ORDINANCE NO. 831

#### AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COALINGA, CALIFORNIA ADDING COALINGA MUNICIPAL CODE SECTION 9-6.210 "ABANDONMENT OF NONCONFORMING USES".

WHEREAS, Article 2 of Chapter 6 of the Coalinga Planning and Zoning code permits the continuation of uses and continued occupancy and maintenance of structures that were legally established but do not comply with all of the standards and requirements of the current version of the Planning and Zoning Code; and

WHEREAS, Section 9-6.210 of the planning and zoning code prohibits nonconforming uses to resume, reestablish, reopen or be replace by any other nonconforming use after it has been abandoned or vacated for a period of six (6) months; and

WHEREAS, the City desires to amend section 9-6.210 of the planning and zoning code to allow a longer period of time for a non-conforming use to resume, reestablish, reopen or be replace by any other nonconforming use; and

#### NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF COALINGA DOES ORDAIN AS FOLLOWS:

**SECTION 1.** The City Council finds that all the facts, findings, and conclusions set forth above in this Ordinance are true and correct.

**SECTION 2.** The City Council hereby amends Section 9-6.210 to Article 2 of Chapter 6 in Title 9 of the Coalinga Municipal Code to read as follows:

#### Sec. 9-6.210. - Abandonment of nonconforming uses.

- (a) No nonconforming use may be resumed, reestablished, reopened or replaced by any other nonconforming use after it has been abandoned or vacated for a period of one (1) year, except as provided for in this section. The nonconforming use of a legally established structure may be reestablished if the City Council approves a Conditional Use Permit after making all the following findings in addition to any other required findings:
  - (1). The structure cannot be used for any conforming use because of its original design or because of legal structural changes made for a previous nonconforming use;
  - (2). The structure can be reasonably expected to remain in active use for a period of twenty (20) years without requiring repairs or maintenance in excess of fifty (50) percent of the replacement cost of the structure, as defined in this chapter, within any five (5) year period; and
  - (3). The continuation of the use or structure will not be incompatible with or detrimental to surrounding conforming uses.
- (b) As a condition of approving the resumption of such nonconforming use, the City Council may impose a time limit on its duration if necessary in order to make the required findings.

**SECTION 3.** Severability Clause:

Should any section, clause, or provision of this Ordinance be declared by the Courts to be invalid, the same shall not affect the validity of the Ordinance as a whole, or parts thereof, other than the part so declared to be invalid.

**<u>SECTION 4.</u>** Effective Date:

This Ordinance shall take effect 30 days after its passage and adoption pursuant to California Government Code Section 36937 and shall supersede any conflicting provision of any City of Coalinga ordinance.

**SECTION 5.** Certification:

The City Clerk shall certify to the passage and adoption of this ordinance and shall cause the same to be published or posted according to law.

PASSED, APPROVED AND ADOPTED this	day of	, 2019.	
		Ron Lander, Mayor	
ATTEST:			
Shannon Jensen, City Clerk			
		APPROVED AS TO FORM:	
		Mario U. Zamora, City Attorney	

#### STAFF REPORT - CITY COUNCIL/SUCCESSOR AGENCY/PUBLIC FINANCE AUTHORITY

Subject:	Rejection of Wastewater Treatment Plant Bids for Lining Pond Number 2 and Repair of 2 Splice Boxes
Meeting Date:	August 15, 2019
From:	Marissa Trejo, City Manager
Prepared by:	Sean Brewer, (I) Public Works & Utilities Director

#### I. RECOMMENDATION:

It is recommended that the Coalinga City Council reject all bids for the Wastewater Treatment Plant (WWTP) Improvements Project and redirect staff to reduce project scope, revise plans and specifications, and to re-bid the project with a smaller scope at a later date to include influent box and yard box improvements and minor site road improvements.

#### **II. BACKGROUND:**

In July, 2019, the Coalinga City Council directed staff to prepare engineering plans and specifications and authorized a call for bids for the WWTP Improvements Project. The project included major work consists of installing an HDPE liners on the embankment of aerated pond 2 and applying a protective coating two (2) hydraulic control structures at the WWTP located on 30500 Jayne Ave. All bids came in over budget and in order to keep the construction costs within the City's budgeted amount staff is recommending the Council reject all bids.

#### **III. DISCUSSION:**

City Staff received and opened two bids for this project on June 27, 2019, at 2:00 p.m. one bid received from Granite Construction Company in the amount of \$643,700.00 was 6% higher than the Engineer's Estimate of \$607,000.00. The second bid received from Bush Engineering, Inc. in the amount of \$722,912.92 was 19% higher than the Engineer's Estimate.

Staff is recommending rejecting all bids so that the financial resources may be spent to get the clarifier and digestor back online since it has been down for maintenance for over a year. Staff is still requesting the City Council authorize staff to reduce the scope by removing the HDPE liners to pond two (2) and proceed with a limited scope to include coating the two (2) hydraulic control structures.

#### **IV. ALTERNATIVES:**

There are no recommended alternatives suggested by City Staff.

#### V. FISCAL IMPACT:

The cost for lining pond #2 was going to be approximately \$400,000 and that savings will be go towards

ongoing maintenance at the ponds and the repairs needed to get the clarifier and digestor back online. staff will then rebid the two (2) hydraulic control structures and complete that project separately. That estimated cost based on the two recent bids could be approximately \$250,000.

ATTACHMENTS:

File Name No Attachments Available Description

# STAFF REPORT - CITY COUNCIL/SUCCESSOR AGENCY/PUBLIC FINANCE AUTHORITY

Subject:	Public Works & Utilities Monthly Report for July 2019
Meeting Date:	August 15, 2019
From:	Marissa Trejo, City Manager
Prepared by:	Sean Brewer, (I) Public Works & Utilities Director

#### I. RECOMMENDATION:

Approve the Public Works & Utilities Monthly Report for July 2019

#### **II. BACKGROUND:**

None

### **III. DISCUSSION:**

#### **IV. ALTERNATIVES:**

None

#### V. FISCAL IMPACT:

None

#### ATTACHMENTS:

File Name

Monthly\_Report\_July\_2019.pdf

Description Monthly Report July 2019



## PUBLIC WORKS AND UTILITIES DEPARTMENT MONTHLY REPORT FOR JULY 2019

## \*Note: New items and updates from last month's report are in bold print.

#### PUBLIC WORKS

### Natural Gas Distribution:

- Installed 4 new gas service lines for D.R Horton
- Relocated gas service line and meter at 633 College Ave
- Annual line locating has been completed
- Installed 2 new gas service lines for D.R. Horton
- Repaired 4 gas leaks from gas leak survey
- Annual cathodic protection survey has been completed
- Installed new gas service meter for 250 Van Ness

#### Water Distribution:

- Flushing of water mains throughout town has been done
- Repaired water leak 125 S. Sixth St.
- Installed a new 2" water service line for 250 Van Ness
- Repaired 2" water leak Coyote Springs
- Repaired 2" water service leak 1225 W. Elm
- Repaired water service line leak 590 N. Fourth St.

#### Wastewater Collection:

- Cleaned out Sandalwood lift station
- Cleared sewer blockage 101 W. Polk

#### Sidewalks:

#### No Activity at this time.

#### Parks:

- New backboards and rims for basketball court have been installed at Sandalwood Park
- New tennis court netting for Centennial Park has been ordered- New Netting has been installed
- New park tables, trashcans, BBQs, drinking fountains and light poles have arrived for Sandalwood and Centennial Parks

#### **Miscellaneous:**

- Wood chip should be installed in a few weeks Posa Chante Blvd.-Waiting on Contractor. Contractor said it will be in next two weeks
- Last Service Truck has arrived and all three trucks have been striped with new city logos.
- Painting of Red curbs by hydrants as begun- On Hold
- The Planting of three fruit trees has been completed orange tree at Van Ness and 2<sup>nd</sup> plot and two plum trees at Motts fountain plot.
- 5 Dead trees have been removed
- Repair of sink hole in front of 3041 Sierra Vista Dr.-complete
- 2 Dead trees have been removed on Monterey Trees and bushes along Monterey have been trimmed
- Trees along Cherry Lane have been trimmed to height
- Re painting of cross walks around school zone will began first week in August

## Targeted Efforts to Enhance City Image and Business Appeal/Attraction:

No activity for the month of **July**.

## UTILITIES

- Northwest Booster Station P20 is down. P20 motor & pump have been sent out for repairs. P20 has been looked at. Cost is about \$16,000. Repairs should be complete mid-September.
- Northwest & Oil King Booster Sta. looking into replacing old air compressors and surge tanks with new equipment. Waiting for quotes. We have received a quote from a local construction company Goldsmith Const.
- City wide fire hydrant flushing. Will began sometime in September. City wide flushing was done June 28 & July 1.
- Goldsmith Company came out to look at the surge tanks and compressors at the booster sta. and water plant. We got a quote and I will be going over it with Sean. **On Hold**
- Oil King Booster Station P17 is down. P17 motor & pump have been sent out for repairs. P17 has been looked at. Cost is \$25,500. Waiting for council approval to move forward with repairs. **Council has approved repairs.**

## PUBLIC UTILITIES COORDINATOR

## MyCivic

I was assigned to coordinate with MyCivic to develop a mobile app to facilitate better communication between the City and citizens. This application is intended to supplement our online presence alongside our website.

1

- RSS Feeds Linked
- General information (links, phone numbers, photos) and passed to MyCivic.
- Awaiting response from various departments on "Report An Issue" module
- Completed CMS and Report An Issue (RAI) Training
- Built initial list for RAI
- Updated/added general information
- Redesigned some aspects of the UI

## CivicReady

Assigned to find a solution to requirements from the state to have an emergency notification plan (boil water notices, water events, natural gas emergencies, etc). CivicReady is an extension to our website, so it is an easy fit.

- Coordinated efforts with CivicReady to put a mass notification system before the City Council
- Coordinating with CivicReady and staff to begin Training + Implementation
- Completed Network Admin training
- Built Public Works groups/users
- Tested network
- Whitelisted appropriate IPs (through code3)

#### **Streaming Solutions**

Sean Brewer requested that I assist him in researching/pursuing various levels of solutions to Council's request to have online streaming as an option.

• Researched and prepared a presentation to Council on various methods to stream City Council meetings to various online platforms. This item was ultimately pushed back to August.

Water Plant/Wastewater Video Surveillance

I was asked to build out a site-to-site networked surveillance system for both the water plant and the wastewater plant.

- Created and priced a model that would provide full video surveillance of both the water plant and wastewater plant. This would be attached to the water plants current network infrastructure. It would include 12 cameras (mix of 4k and 1080p), point to point wireless connections, and a video storage solution. Wastewater would require a router, POE+ switch, and 5 cameras.
- Coordinating with Alpha Video Surveillance to price installation and design of a similar system. This price will show both a managed and unmanaged solution. I am still awaiting a response.

## SCADA Updates

- Completed reliability tests on new SCADA computers
- Removed final "old" SCADA HMI and placed a new system in its place.
- Process of updating the Windows environment destroyed data links. Had to rebuild data links for both PCs

Cross Connection Control

- Second reading of ordinance has gone through
- "Water Use Survey's" ready to be conducted in August when Ordinance 770 goes into effect.

### **Cathodic Annual Survey**

I was asked to assist with coordinating the annual cathodic survey of our natural gas network. The survey starts on July 30<sup>th</sup> and should last until August 2<sup>nd</sup>.

- Created "Isolated Riser List" for 2019.
- Tested to make sure Annual test point list was only using valid test points.
- Tested Watch Dog Scout system to ensure they were still operating properly.

### Water Plant/Wastewater Video Surveillance

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**Cross Connection Control** 

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## WATER TREATMENR PLANT (WTP)

Alum sludge piles: We currently have about 4,000 tons of sludge to be removed. Jim Biscoe Company out of Chowchilla will be hauling off the piles starting mid-July. (\$96 ton, haul off 250 tons a day). Approximately 2,200 tons of sludge was removed off site to Avenal Landfill.

Working on card lock system for rolling gates, control room, shop, carbon room and rapid mix room. Charles Seders Construction is installing card lock system for the roll gates & control room doors. Work should begin July 8. New doors have been installed to the lab building. Working on running Electrical for the roll gates card read security system.

Repair back fencing north of the WTP. Charles Seders Construction has also giving us a quote. Work should begin mid to late July. **Work has begun and has been completed on replacing 600' of new chain link fencing.** 

RFC Control Switches for all three filter buildings are down. Solomon Electric came out to trouble shoot. He can't seem to find the problem. Still on going, have contacted Dan McKay for a little asst. Still in progress. A new Analog Input Card was installed. All equipment up and running again.

UCMR4 Sampling is schedule for March and once every ¼ after that for the rest of the 2019 year. BSK Lab is doing the testing. Next testing will be June 14 & 28. (Complete). Next testing dates will be September 13, 2019.

Basin 3 is being taken out of service for yearly maintenance. Basin 3 annual maintenance is complete and back in service. Basin 3 was taken out of service for three days again due to floc arm chain broken. Chain has been repaired and basin put back in service. Complete

Rosemounts and tank level sensors are being calibrated by Solomon Electric. This project hasn't started yet.

Solomon Electric is working on getting quote for backup Generator for the Water Plant. On going

Rec Basin was drained and washed and cleaned out for annual maintenance. Complete

Chemical room flooded on May 3 at 11pm. All pumps, motors and electrical panel were damaged in the flood. Solomon Electric is building new Electrical & PLC panels for pumps and motors to work with SCADA system. **Project should be completed by end of August.** 

Patriot Environmental Services has started to haul off some of the old chemical that was used years ago and not being used now (Carbon, Sulfur Acid, ect.). All chemical should be removed By end of August.

Patriot is also getting us a quote to haul off what is left in the fluoride tank and to wash it out. Chemical should be removed and tank washed out by end of August.

Surveillance security camera system getting quotes for WTP & WWTP. On going

Westland Canal did some Copper Sulfate treatment to the canal on June 20. Completed and everything went great. Next schedule treatment for Copper Sulfate is August 21, 2019

PG&E came out and checked their transformer for a short in the line that supplies power to the water plant. Waiting on a plan from PG&E

Crew are busy painting (fire hydrants, bollards, stairways, piping & ect.)

Three new Water Apprentices Operators should start Aug 5, 2019

South Moss screen at influent intake is down looking for company to check it out.

Decant pump for Basin 1 & 2 has been repair and will be put back in service end of August.

Pinto St. - Approximately 30' of new fencing was installed on city RW cause by vegetation fire.

P4 pump is out of service. Check valve went bad. Waiting on new valve replacement.

WASTEWATER TREATMENT PLANT (WWTP)

Drying beds:

#### **Other items at Wastewater Plant:**

• Primary effluent pump installed and operating normally. Second Effluent Pump will be back and installed mid-July. Second Effluent back in service.

- City crew working on getting pond 3 & 4 cleaned by spraying and burning the weeds, cattails and small trees. Ponds 3 & 4 starting to look good, but still have spraying and burning to do. **On going**
- Al is working on getting quotes for new surge tanks and equipment for Northwest & Oil King Booster Station. Goldsmith is coming out to look at surge tank and compressor. Waiting on quote. Looking over quotes.
- Old Rifle Range City crews have started removing the old tire and cleaning out the dirt inside the tires so that they can be hauled off to the landfill. All debris has been removed out of the tires. Waiting on quote from recycling company.
- Surveillance security camera system getting quotes.
- Working on getting Clarifier and Digester repaired and back in service.
- Crews have been doing some painting around the plant.

## **CITY ENGINEER**

#### Project Status Update as of July 31, 2019:

- 1. Cambridge Signalization
  - a. Caltrans has approved the Encroachment Permit.
  - b. Working with Caltrans Local Assistance on getting the Right of Way Package approved and once it's approved, we will request construction funds.
  - c. Construction anticipated Fall/Winter of 2019.
- 2. Rule 20A Undergrounding
  - a. City Engineer working with PG&E to underground overhead utilities on Elm Avenue from Cambridge Avenue to just south of Cherry Lane.
  - b. Project moving along slowly and is still years away from construction.
- 3. Phelps Ave Improvements
  - a. Project construction pushed to spring 2019 by request of WHCC District to prevent construction conflicts with on-site construction of administration building.
  - b. Plans have been resubmitted to Caltrans and we are awaiting comments.
- 4. ATP 2017 Cycle 3
  - a. City was awarded additional funds for the project for a total grant amount of \$1,284,000 and a local match of \$175,000.
  - b. Scope change was requested to include changes to Sunset Avenue as well as reduce the amount of improvements due to increased construction prices. Anticipate getting a response from the CTC on the scope change at the end of May.
  - c. Meeting with the School went well and the design is taking the information from the meeting into account.
  - d. Topographic survey has been completed and design is underway.
- 5. ATP Cycle 4
  - a. City was awarded a grant in the amount of \$951,360 with a local match of \$66,360.
  - b. Requesting funds for environmental studies for project

- a. City was awarded additional funds for the project for a total grant amount of \$1,400,000 and a local match of \$125,000.
- b. Plans have been resubmitted to Caltrans and we are awaiting comments.
- c. Anticipate construction in Fall 2019.
- 7. CMAQ Paving of Various Alleys Ph. 3
  - a. Topographic survey has been completed and design is underway.
  - b. Construction is anticipated in 2019.
- 8. Water Treatment Plant Permanent TTHM Reduction Project
  - a. With Regional Water Resources Control Board review and approval permanent acid storage and feeding facilities changed to liquid CO2 for plant operator safety.
  - b. Design of permanent facilities in progress.
  - c. Anticipate construction in Spring 2019.
- 9. WWTP Concrete Yard Boxes and Ponds Rehabilitation Project
  - a. Bids opened on November 8, 2018 and they came in over budget.
  - b. Working with the City to reduce project scope and re-release for bidding.
- 10. City Standard Updates
  - a. City Engineer has been directed to begin updated the City Standards to comply with recent standards. The city standards were last updated in 2006.
  - b. Water Standard Plan update to backflow preventer started.

### STAFF REPORT - CITY COUNCIL/SUCCESSOR AGENCY/PUBLIC FINANCE AUTHORITY

Subject:	Council Consideration and Approval of Resolution No. 3909 Establishing Specific Distance Requirements for Parking Near Fire Hydrants within the City of Coalinga
Meeting Date:	August 15, 2019
From:	Marissa Trejo, City Manager
Prepared by:	Sean Brewer, (I) Public Works & Utilities Director

#### I. RECOMMENDATION:

Staff recommends that the City Council approve Resolution 3909, establishing distance requirements for painting curbs near fire hydrants.

#### **II. BACKGROUND:**

California Vehicle Code Section 22514 states that no person shall stop, park, or leave standing any vehicle within 15 feet of a fire hydrant except as follows:

(a) If the vehicle is attended by a licensed driver who is seated in the front seat and who can immediately move such vehicle in case of necessity.

(b) If the local authority adopts an ordinance or resolution reducing that distance. If the distance is less than 10 feet total length when measured along the curb or edge of the street, the distance shall be indicated by signs or markings.

(c) If the vehicle is owned or operated by a fire department and is clearly marked as a fire department vehicle.

Currently, the City of Coalinga does not have a resolution or ordinance in effect that reduces the fifteen (15) foot minimum, therefore, the current City standard is 15 feet from the hydrant. Public works crews have began painting curbs based on the City standard and began receiving a few complaints about the length and restriction to on-street parking it caused. Staff reconvened and discussed possible solutions to the distance standards.

#### **III. DISCUSSION:**

The Fire Chief and Public Works Staff reviewed the regulations in the CA vehicle code and found that a resolution would need to be approved to reduce the minimum standard for parking near a fire hydrant. The Fire Chief recommended that 7 feet in both directions would be a reasonable distance and reduce the impact on on-street parking, especially in the residential districts. Staff has prepared the attached resolution for Council's consideration.

#### **IV. ALTERNATIVES:**

The Council may choose an alternative distance and direct staff accordingly.

### V. FISCAL IMPACT:

Limited cost associated with painting the curbs near the hydrants.

## ATTACHMENTS:

File Name

Description

Resolution\_3909\_Fire\_Lane\_Striping.doc

Resolution 3909 Fire Lane Striping

## **RESOLUTION NO. 3909**

#### A RESOLUTION OF THE CITY OF COALINGA CITY COUNCIL ESTABLISHING A NO STOPPING, PARKING OR STANDING DISTANCE REQUIREMENT FROM A FIRE HYDRANT FOR ALL VEHICLES

WHEREAS, the California vehicle code section 22514 establishes restrictions on the stopping, parking or standing of any vehicle within 15 feet of a fire hydrant except if the local authority adopts a resolution reducing that distance; and

WHEREAS, The City of Coalinga Fire Chief in conjunction with the City Council, has determined that a reduced distance would be acceptable and maintain fire safety in additionl to preserving on-street parking; and

NOW THEREFORE BE IT RESOLVED, that the City Council approves the following:

Section 1: There shall be no stopping, parking, or standing of any vehicle within seven (7) feet from a fire hydrant unless determined by the Fire Chief, on a case by case basis, requires an increased distance due to unforeseen factors.

Section 2: The distance shall be indicated by red paint upon the curb surface.

PASSED AND ADOPTED, by the City of Coalinga City Council at a regularly scheduled meeting held on the 15<sup>th</sup> Day of August 2019.

AYES:

NOES:

ABSTAIN:

ABSENT:

Mayor/Mayor Pro-Tem

ATTEST:

City Clerk/Deputy City Clerk