

# CITY OF LOYALTON

COUNTY OF SIERRA  
605 SCHOOL STREET  
P.O. BOX 128  
LOYALTON, CALIFORNIA 96118  
(530) 993-6750  
cityofloyalton@digitalpath.net



OFFICE OF THE MAYOR

## AGENDA FOR THE SPECIAL MEETING OF THE LOYALTON CITY COUNCIL 10:00 A.M. – LOYALTON CITY HALL 605 SCHOOL STREET OCTOBER 9, 2017 LOYALTON, CA.

**NEXT ORDINANCE #419**  
**NEXT RESOLUTION #3-2017**

**CALL TO ORDER:**

**PLEDGE OF ALLEGIANCE**

**ROLL CALL:**

**APPROVAL OF AGENDA:**

**ANNOUNCEMENTS:**

**PUBLIC COMMENT:**

A special meeting is being held to conduct the following business:

### **DISCUSSION AND POSSIBLE ACTION:**

1. Discussion and Possible action regarding Far West as the Contractor for the Wastewater System. (Submitted by Mayor Marin)
2. Discussion and possible action regarding Sierra Controls Water Measurement and Control System (SCADD). (Submitted by Mayor Marin)
3. Discussion and possible action regarding Hiring of a Bookkeeper. (Submitted by Mayor Marin)

**ADJOURNMENT**

## **SCOPE OF WORK**

---

### **City of Loyaltown Wastewater System**

#### **PROJECT BACKGROUND**

The City is currently facing a number of challenges involving the wastewater system, most of which are summarized in the following regulatory documents:

1. Notice of Violation regarding lack of capacity at the wastewater treatment plant; issued by the Regional Water Quality Control Board, dated April 13, 2017.
2. Cleanup and Abatement Order R5-2013-0700; issued by the Regional Water Quality Control Board, dated February 28, 2013.

#### **PROJECT APPROACH**

Our approach to this project is to work closely with the City to systematically solve the problems that have plagued the wastewater utility now for many years. As a general overview, we must address the recent Notice of Violation, then work on the Cleanup and Abatement Order. Then we want to work with the City to find a way to reduce the infiltration and inflow issues that have been a major cause of the City's problems in the wastewater utility. We will do our best to allocate the City's available resources to solving the I & I problem. So far, money and effort have been allocated to managing the symptoms of the problem, rather than solving the actual problem.

#### **SCOPE OF WORK**

##### **Task 1 – Respond to Notice of Violation dated April 13, 2017**

Farr West will coordinate with Brendan Kenny at the Regional Board to comply with the NOV by submitting the following:

1. Infiltration and Inflow Study. The intent of this study is to fully characterize the I&I problem. The approach will include review of existing sewer inspection videos, inspection of the physical system, an estimate of I&I flows, and recommendations to reduce flows. This study will be required to complete the other items required by the NOV.
2. Spill Contingency Plan. This is a simple plan that describes the City's strategy to avoid wastewater discharges to the field when it is unauthorized and to reduce I&I during the wet season.
3. Water Balance Report. The water balance requirements are somewhat extensive and are outlined in the Regional Board's "Requirements for Water Balance Update and Calibration."
4. Sanitary Sewer Maintenance Plan.

## **Task 2 -- Respond to Cleanup and Abatement Order dated February 28, 2013**

Farr West will coordinate with Brendan Kenny at the Regional Board to address the items that remain in the Cleanup and Abatement Order. A detailed scope of work will be prepared for this task after the completion of Task 1 and after thorough conversations with the Regional Board, Black Eagle Consulting and the City.

## **Task 3 – I & I Reduction Program**

The I & I problem has been causing significant issues for the City's wastewater utility and should be addressed immediately to reduce further problems. The approach to this task is proposed to include the following, but will likely be modified as this effort unfolds.

1. Prepare a Preliminary Engineering Report that summarizes the issues, provides recommendations for improvement and includes cost estimates.
2. Complete engineering design for the proposed improvements.
3. Apply for construction funding from State or Federal sources.
4. Manage the construction process.

---

## **Budget and Funding**

### **Task 1 - Respond to Notice of Violation dated April 13, 2017**

Infiltration and Inflow Study (Estimated effort: 120 hours)	\$16,800
Spill Contingency Plan (Estimated effort: 40 hours)	\$5,600
Water Balance Report (Estimated effort: 120 hours)	\$16,800
Sanitary Sewer Maintenance Plan (Estimated effort: 40 hours)	\$5,600
<b>TOTAL:</b>	<b>\$44,800</b>

This work will be done on a time and materials basis. It is recommended that this work be paid for using remaining USDA grant funds.



# SIERRA CONTROLS, LLC

## WATER MEASUREMENT AND CONTROL SYSTEMS

**DATE**

September 28, 2017

**QUOTATION NO.**

17-5294 R1

**To: City of Loyalton**

Attn: John Cussins

**Subject: SCADA Computer Upgrade****Rev. 1: Remove option for database backup.**

Sierra Controls, LLC. (SC) is pleased to provide this proposal to the City of Loyalton, CA to provide a SCADA computer upgrade utilizing VT SCADA HMI Software. This upgrade will replace the WWTP computer to bring it up to current standards. This will include operations software, alarming software and trending software. The treatment plant computer has reached end of life, and is a constant problem for operators. We will increase the functionality and the lifespan of the system with this upgrade.

**Item 1. VT SCADA HMI SCADA Computer**

Price \$ 27,420

Plus Estimated Tax \$ 1,662

**Pricing Includes:** (1) Dell OptiPlex SCADA Computer with Windows Server 2012, (1) Netgear 8 Port Managed Ethernet Switch, (1) New VT SCADA 1000 Tag License with 1-Year Software Support Contract, (1) VT SCADA Thin Client, (1) VT SCADA Alarm Notification, (1) Dell 24" monitor, (1) 1500VA Liebert UPS with web card, SC Remote Access, MS Office Suite, Snagit Screen Capture Software, WinZip Software and AVG Anti-Virus.

**Pricing Also Includes:** Project Engineering / Design, Computer Assembly, Configuration, and Testing, Travel, Installation, Commissioning, and Documentation.

Dell OptiPlex 7040

- Intel Core i7-6700
- 16GB (2x8GB) RAM
- 2x1TB Hybrid Drives (RAID 1)
- AMD Radeon R5 340X 2GB (1 DP / 1 DVI)
- Dual Gigabit NIC
- 3 Year Pro Support NBD


**Notes:**

1. Computer Install is based on one day on site for one IT technician.
2. Pricing does not include any permits or bonds.
3. Pricing is based upon standard rates and does not account for any prevailing wage or Davis-Bacon requirements.
4. The district should budget \$1000 to \$2000 annually for future software support contracts after the first year. Plus \$800 more annually after the first year for Database Backup (if chosen). These costs will be proposed on future Preventative Maintenance Agreements.
5. Assume the re-use of an existing network switch.
6. Proposal is based upon the assumption that any re-used equipment is fully operational.
7. No warranty on re-used parts.
8. No additional spares provided as part of this proposal.
9. All additional work not specifically listed as part of this agreement will be billed on a T&M basis.

**DELIVERY:** Scheduled ARO  
**TERMS:** NET 30  
**FOB:** CARSON CITY, NV  
**THIS QUOTATION IS VALID FOR 60 DAYS.**

BY

RESPECTFULLY SUBMITTED,  
 SIERRA CONTROLS, LLC

  
 Danny Hunsaker, P.E. – General Manager

*To proceed with this order please sign below with an authorized signature and return.*

Signed

PO Number . Date

Requested Delivery Date