

EXHIBIT A

SCOPE OF SERVICES

This agreement includes the following scopes of work:

1. On call electrical and instrumentation services

The Contractor shall perform annual calibration of level sensors, flow meters, and analyzers in addition to on call services related to instrumentation, control systems, system integrations, SCADA and PLC maintenance and programming, and electrical work for the City's Water Pollution Control Division. Work will be performed on an on-call and time and materials bases. Labor and equipment rates shall be paid per Exhibit B.

2. Diagnose GE Zenith switchgear problems

- Provide two (2) Calcon engineers for two (2) days of on-site to work with ABB engineers to evaluate and improve the reliability of the existing generator control system, including overnight testing periods as required.
- Evaluate existing PLC logic and HMI programming related to the transfer of power to and from the generator.
- Identify and address control system deficiencies contributing to unreliable generator startup and transfers on power loss events.
- Implement any programming changes to PLC logic and HMI as required to achieve reliable generator synchronization and open-transition transfer operation.
- Participate in simulated power loss testing to confirm changes or to diagnose the problem.
- Commission and functionally test all implemented modifications.
- Any additional issues, deficiencies, or testing requirements identified during the course of this work that cannot be corrected during this work period will be addressed under a separate change order or proposal.
- Within 2 weeks of completion of the testing, Calcon will submit a report describing either the repairs and corrections or the necessary next steps to achieve reliable operation of the switchgear

3. Upgrade electrical at small lift stations

- a. Installation of new load center at Benedict Lift Station, including:
 - (1) 120/240 Load Center NEMA 3R
 - (2) 120vac 20A Breakers
 - (2) 240vac 70A Breakers
 - Misc Parts and Wiring for Installation
 - Onsite Installation Labor
 - Wiring Terminations
 - Testing with customer
- b. Installation of a new load center at the Tea Garden Lift Station, including:
 - (1) 120/240 Load Center NEMA 3R
 - (2) 120vac 20A Breakers
 - Misc Parts and Wiring for Installation

- Onsite Installation Labor
- Wiring Terminations
- Testing with customer

4. Replacement of the existing Variable Frequency Drive (VFD) on Effluent Station Pump 4.

- (1) ABB ACS580 150HP VFD
- Misc Parts and Wiring for Installation
- Onsite Installation Labor
- Wiring Terminations
- Removal and Disposal of old VFD
- Start-up and Programming of New VFD
- Testing with customer