



Sewer lift stations are remotely monitored to ensure normal operation. The SCADA system achieves control at each of the lift stations by stand-alone RTUs. Typical data monitored at these sites includes pump status (current draw/speed), canal and wet-well levels, rainfall rates, radio signal level, and flow rates. SCADA nodes at pumping stations provide information to users on a real-time basis. The SCADA system provides backup pump control and remote lift station monitoring. The Flo-Dar influent flow meters are an internal requirement of a regional agreement with Rubidoux, Jurupa and Edgemont Community Service District for monthly flow and surcharge billing. It is imperative that the flow meters are calibrated so that billing is based on accurate flow readings.

Additionally, the RWQCP must provide an annual calibration certificate to the State Water Resources Control Board (SWRCB). Failure to provide a certified calibration certificate could result in a "Failure to Comply" citation and possible fines from regulatory agencies. Certified calibration reports provided by US3 ensure that rWQCP Operators can monitor treatment process variables accurately.

**DISCUSSION:**

US3 is the only vendor authorized to calibrate and service the Flo-Dar influent flow meters. US3 is also the only vendor authorized for Motorola RTU's and antennas thus, US3 is uniquely qualified to perform the required services. US3 has been timely in responding to the needs of the WQCP under the existing agreement and have provided fair pricing for the period of July 1, 2018 to June 30, 2019.

Purchasing Resolution 23256 Section 601 (c) provides that competitive procurement thorough a formal or informal process is not required when the procurement can only be obtained from a single source and the Purchasing Manager is satisfied that the best price, terms, and conditions have been negotiated. The Purchasing Manager concurs that the recommendation complies with Purchasing Resolution 23256.

**FISCAL IMPACT:**

The total estimated cost for the quarterly onsite calibration of Flo-Dar influent flow meters is \$24,620. Sufficient funding for the 2018/19 fiscal year is available in the Public Works Department budget, Account Numbers 4125100-421000, 4125410-421000 and 4125420-421000.

Prepared by: Kris Martinez, Public Works Director  
Certified as to  
availability of funds: Adam Raymond, Chief Financial Officer/City Treasurer  
Approved by: Al Zelinka, FAICP, City Manager  
Approved as to form: Gary G. Geuss, City Attorney

Attachment: Second Amendment to Maintenance Agreement for Quarterly Onsite Calibration of Flo-Dar Influent Flow Meters