



**DEPARTMENT OF PUBLIC UTILITIES  
MEMORANDUM**

**DATE:** September 20, 2018

**TO:** WILMA QUAN-SCHECTER, City Manager  
City Manager's Office

**FROM:** BRIAN SPINDOR, Assistant Director  
Department of Public Utilities

**SUBJECT:** AWARD A UNIQUELY QUALIFIED SERVICE AGREEMENT FOR  
MAINTENANCE AND DATA ACQUISITION/UPKEEP CONTRACT  
FOR THE CITY'S ADS SEWER FLOW MONITORING EQUIPMENT

The purpose of this memorandum is to request the City Manager make a uniquely qualified finding for ADS Corporation, as set forth in the Administrative Order (AO) 6-19, so that the Department of Public Utilities ("Department") may seek Council award of a software services agreement to ADS Corporation ("ADS"), to install, maintain, and provide technical services to support the City's ADS-brand sewer flow monitors.

ADS has been providing the City of Fresno (City) with sewer flow monitoring maintenance and repair services on the City's twenty-one ADS Triton wireless flow monitors on a quarterly schedule since 1985. Data collected from these flow meters is used to evaluate sewer capacity of existing mainlines and to project capacity needs to accommodate future growth for collection system master planning.

ADS flow meters are unique in that their systems have redundant depth technology using an ultrasonic sensor for their routine readings and a velocity pressure depth meter as a backup. The dual system ensures data will be available even if one system fails. The City's long and flat collection system creates a corrosive environment needing maintenance of these meters on a regular basis. In addition, technology changes make existing equipment obsolete, needing replacement or upgrades on a continuous basis.

ADS is uniquely qualified to perform these services because their field staff is highly proficient at entering each of the established ADS flow monitoring locations efficiently and safely. ADS uses its own qualified personnel, no subcontractors, with years of knowledge of the proprietary ADS equipment prior to expiration of the last contract (December 2017). ADS and the City developed a multi-pronged strategy to increase data quality, data availability, data viewing, and opt in to ADS' flow meter technology protection program called I-Site. Proposed elements include the following:

- ADS will perform all site maintenance and mobilization as needed instead of quarterly;
- ADS will perform analysis, normalization and finalization of the acquired data, a task previously performed by City staff;
- ADS will provide the City with FlowView Web-Data Delivery Service; and ADS



**MEMORANDUM**

Wilma Quan-Schechter, City Manager

Award Technical Services Agreement to ADS Corp, with uniquely qualified finding

**September 20, 2018**

Page 2 of 2

will replace and return the City-owned ADS brand flow meters and install new up to date flow monitoring devices. ADS owning the flow meters will benefit the City by minimizing maintenance costs and allowing seamless equipment upgrades by the manufacturer.

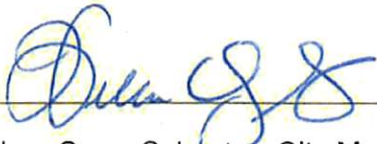
The requested software services agreement is a unit-price based contract, and the annual compensation is calculated by multiplying the unit prices for software and maintenance service by the number of meters in the City's sewer service area. For 21 sites, the annual compensation is \$151,200 annually for a period of three years. Additional years will be subject to the three year price plus the CPI increase.

The Department of Public Utilities, Environmental Services Section, has investigated other flow monitoring programs and determined ADS to be the most qualified and beneficial to the City because of their unsurpassed experience in the field of sewer flow monitoring and knowledge of the City's sewer system. In addition, using a different vendor will require the acquisition of new equipment, potential retrofit of existing facilities and software to replace the existing flow monitoring system.

If you have any additional questions, or require additional information and data, please do not hesitate to contact me at 559-621-5110.

City Manager's Uniquely Qualified Determination:

Approved  Denied



Wilma Quan-Schechter, City Manager

10/10/18

Date