

February 16, 2017

Roy Burgher O&M Specialist Hazen and Sawyer 444 Lewis Hargett Cir, Ste 260 Lexington, KY 40503

Subject:

**O&M of SSO Monitoring Network for LFUCG** 

Dear Roy:

ADS Environmental Services (ADS) is pleased to provide you with this proposal to operate and maintain the existing SSO monitoring network owned by LFUCG for a period of 60 months.

As requested, this proposal includes field maintenance, data collection, real-time alarming, and web-based data access for the 18 ADS SSO monitors that are currently installed. Please find the attached pricing table, which summarizes the pricing for the proposed services.

We look forward to continuing our partnership, and providing you with new and innovative ways to support your collection system management. Please do not hesitate to call me at (859) 512-8204 should you have any questions.

Sincerely,

**ADS Environmental Services** 

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Robert Grob

Senior Account Manager

Enclosure

#### Scope of Work LFUCG – SSO Monitoring Network

- A. <u>Comprehensive Maintenance Service</u>. As part of this program, ADS will perform the following services on 18 ADS SSO monitors in the LFUCG (Owner's) network. Maintenance services include but are not limited to the following:
  - 1. **Diagnostics:** Remote diagnostic inspection of all equipment using the most current procedures and programs from the local ADS office in Erlanger, KY.
  - 2. Repair: Repair and preventative maintenance services necessary to keep the equipment operating in accordance with the manufacturer's design specifications. The types of services to be performed under this Agreement include but are not limited to the following:
    - Communication link failure
    - Sensor cleaning or replacement
    - Battery replacement
  - 3. Service Schedule: The field service shall accommodate the Owner's normal operating hours of 8:00 a.m. to 5:00 p.m. Monday through Friday
  - 4. Cellular Telemetry: This scope includes monthly wireless communication fees provided by ADS under this contract. ADS will troubleshoot any communication issues arising from the cellular modems included in the SSO monitor hardware.
  - 5. Quarterly Calibration: ADS will perform quarterly monitor calibrations under this contract. Calibration will include manual measurement of flow depth to compare to measurement made by the monitor and sensor. Corrections and/or repairs will be performed as part of the calibrations.
  - **Exclusions:** The types of services that are excluded under the maintenance service program:
    - changes or alterations in specifications;
    - painting or refinishing or furnishing materials therefore except as damaged by ADS during service work;
    - vandalism or damage caused by third parties;
    - equipment repair or replacement outside manufacturer's design specifications
- B. <u>Data Collection Services</u>. As part of this program, ADS will provide data collection services via cellular telemetry for the 18 existing ADS SSO monitors in the Owner's network. Data will be collected daily and made available through the ADS Flowview web based interface. Direct alarming will be made available for each of the SSO monitors in the network based on user defined parameters.
- C. <u>Web-based Data Access.</u> As part of this program ADS will provide access to all data and alarming via the ADS Flowview web based interface.

**Flowview web based system:** Owner and designated personnel shall be provided with login credentials in order to access SSO monitor data over the internet. Typical functionality includes:

- User defined weekly and monthly Hydrographs for each site;
- Tabular data in both monthly summary form and native interval form;
- Detailed site reports with digital photographs;
- Monthly service reports
- Direct data collection available 24/7
- Direct data export

## Attachment A – Fee Schedule

### LFUCG - SSO Monitoring Network

Description	Qty	Units	Unit Price	Total
SSO Monitor Maintenance Services:  Maintenance Services, Data Collection, Alarming and Web Based Data Access for 18 ADS SSO Monitors for 60 months	1080	Per unit per month	\$399.00	\$430,920.00
Total 60 Month Program				\$430,920.00
Monthly Fee	60	Months	\$7,182.00	

# Optional Services (As Requested by LFUCG):

Description	Qty	Units	Unit Price	
ADS ECHO depth-only sewer monitoring and alarm equipment purchase	1	Each	\$1,995.00	
ADS ECHO depth-only sewer monitoring and alarm equipment installation	1	Each	\$675.00	
ADS Triton+ area-velocity flow monitoring and alarming equipment purchase	1	Each	\$5,100.00	
ADS Triton+ area-velocity flow monitoring and alarming equipment installation	1	Each	\$675.00	
ADS Triton+ area-velocity flow monitoring and alarming equipment Maintenance Services, Data Collection, Alarming and Web Based Data Access	1	Per unit per month	\$600.00	
ADS monitoring equipment removal and reinstallation – as directed	1	Each	\$255.00	

# **Pricing Assumptions:**

- Monthly invoicing, payment terms net 30;
  No prevailing wage or W/MBE required;
  Standard ADS safety and installation methodology (2-man crews);
- Standard traffic control requirements (cones & simple signage);



February 10, 2017

To: Chase Azevedo, LFUCG DWQ Municipal Engineer Senior

From: Jon Schubarth, Hazen and Sawyer

cc: Charlie Martin, LFUCG DWQ Director

Rod Chervus, LFUCG DWQ Collection and Conveyance Manager

Roy Burgher, Hazen and Sawyer Seth Bradley, Hazen and Sawyer

Project: Sewer Monitoring and Alarm Equipment Renewal - Sole Source

Re: Recommendation of Award of Change Order

In March 2014, the Lexington Fayette Urban County Government (LFUCG) received bids for the sewer monitoring and alarm equipment and service project. This project identified eighteen (18) sanitary sewer manholes in which monitoring and alarm equipment would be installed to better inform initiation of wet weather surveys throughout the LFUCG sanitary sewer collection system. The scope of work included the following:

- Furnish and Install Sewer Monitoring and Alarm Equipment
- Equipment Maintenance
- Cellular Service
- Website Hosting

LFUCG awarded the contract for this project to ADS Environmental Services LLC (ADS) in June 2014. The maintenance portion of the contract (including cellular service and website hosting) was for one (1) year with two (2) additional annual renewals at \$81,288.00 per year. At LFUCG's discretion, the two (2) additional annual renewals were executed and the current contract is set to expire in June 2017. As part of this contract, the Triton flow monitors and all the ADS field equipment installed are now the property of LFUCG.

Therefore, in response to the approaching expriation of the existing ADS contract, Hazen requested that ADS provide a proposal to extend their current contract for one (1) year with four (4) additional annual renewals for continued maintence (including cellular service and website hosting) of the sewer monitoring and alarm equipment. It was further requested that ADS provide updates for all the unit prices in their current contract. The attached ADS proposal is for five (5) years of continued operation and maintenance at a total cost of \$430,920.00; which is \$86,184.00 per year. This amount represents a 6.0% increase over the annual operation and maintenance cost in the current contract, but will remain at this cost for the 5-year period.

Given that ADS is the sole supplier and only authorized distributor of this equipment and it's components, they are uniquely qualified to provide continued maintenance, cellular service, and website hosting. Because of the high quality and complex technical nature of the equipment components, only ADS manufactured sensors and batteries may be used with ADS flow monitors. ADS is the only service provider certified on the installation, repair, or replacement of it's equipment and parts. Repairs to ADS



equipment by any third party will void any Intrinsically Safe (IS) certification and/or warranty applicable to the ADS equipment.

Based on ADS's proposal and for the reasons stated above, Hazen recommends that DWQ issue a change order (sole source) to ADS to extend their current contract for one (1) year with four (4) additional annual renewals at a rate of \$7,182.00 per month (\$86,184.00 per year). After an additional five (5) years, the flow meters would be very close to the end of their useful life and may likely require replacement.