



**ADDENDUM
CITY OF AUSTIN, TEXAS**

Solicitation: EAD0128

Addendum No: 1

Date of Addendum: 7/7/16

This addendum is to incorporate the following questions and answers to the above referenced solicitation:

1.0 Questions and Answers:

- 1.1 (Q) Per Section 0500 Scope of Work, Item 4.2, if a modem is used is it required to be 3G?
(A) Austin Water (AW) is not specifying the type of modem to be required as long as the information is transmitted to AW that meets the performance requirements as defined in the Scope of Work.
- 1.2 (Q) Do the current meters listed in table 1 have to be removed by the current contractor?
(A) The meters listed in table 1 are City of Austin meters. The Contractor for this contract shall be responsible to remove these meters according to the Scope of Work.
- 1.3 (Q) Is the price submitted firm for the life of the contract?
(A) Pricing is required to be firm for the first 12-months of the contract. Price increase or decrease requests after the first 12-months shall follow the Economic Price Adjustment clause in Section 0400 Supplemental Purchasing Provisions.
- 1.4 (Q) Per Section 0500 Scope of Work, Item 4.6, do only the sensors and probes have to be new and calibrated or is the meter is also required to be new and calibrated. Will the meters need a current factory calibration certificate?
(A) All sensors and probes shall be new. Meters can be used meters but need to be calibrated and maintained in good working condition to meet the original manufacturer's requirements as well as the performance and function requirements of this Contract. Used meters require a current factory calibration certificate. The City reserves the right to request new meters if any meter failed to provide quality readings meeting the Contract requirements.
- 1.5 (Q) How will price be evaluated?
(A) Up to 30 points will be awarded for base item pricing and up to 10 points will be awarded for optional item pricing, however, all items have to be priced in order to be considered for award. The lowest offeror for total base item pricing will be awarded the maximum 30 points and the other offerors will be awarded points on a prorated basis. The lowest offeror for total optional item pricing will be awarded the maximum 10 points and the other offerors will be awarded points on a prorated basis.
- 1.6 (Q) Per Section 0500 Scope of Work, Item 8.6, please define I/I flow rates.
(A) Item 8.6 has been replaced and shall now read: As outlined in Section 5.15, in the event of a major rain event (defined as over 2-inches in 24 hours) the

Contractor's data analyst shall edit and adjust all raw data into a "processed" format to be submitted to the City of Austin. This processed data shall include flow rates, peaking factors (peak wet weather flow / average daily dry weather flow), and the identification of any significant red flags or concerns. This major rain event data shall be submitted within forty-eight (48) hours after the major rain event. All "processed" data for these major rain events shall be in accordance with the Contractor's Quality Assurance and Quality Control Plan.

- 1.7 (Q) In looking at Section 0601 Price Proposal, if velocity is not provided, will the Contractor still be paid?
(A) If the velocity is not provided, the Contractor will not be paid. For payment based on Raw Depth Uptime, the Contractor shall provide flow monitoring data, including level, velocity, and flow, for permanent, rotating, and temporary meters as outlined in Item 5.17 of the Scope of Work. The Contractor shall provide verification points for level and velocity as described in Sections 5.11 and 5.12 in the Scope of Work. The City reserves the right to request additional verification points for level and velocity as described in Section 8.8 in the Scope of Work. The Contractor shall provide QA/QC for level, velocity, and flow as described in Section 8.7.
- 1.8 (Q) The City is requesting that collected data be sent to the FTP site on an hourly basis; this requirement could greatly impact the battery life of each meter and will increase the required maintenance significantly. Can this requirement be modified to every 4 hours?
(A) Item 4.1 of the Scope of Work specifies transfer of the data on an hourly basis.
- 1.9 (Q) Can there be any lapse of time from when the data is initially uploaded to the contractor's server to the distribution of the data to the City's FTP site?
(A) Item 4.1 of the Scope of Work specifies transfer of the data on an hourly basis.
- 1.10 (Q) As each site identified by Tables 1, 2, 3, 4, 5 and 6 will require field evaluations to determine if any issues exist that will increase the meter installation and maintenance costs can the submittal date be extended?
(A) See clarification 2.5 below.

2.0 Clarifications

- 2.1 The meeting sign in sheet has been added.
2.2 Section 0601 Price Proposal has been updated to reflect changes.
2.3 A location month (as referenced in Section 0601 Price Proposal) has been defined as the cost per meter, per location, per month it is in place.
2.4 Section 0500 Scope of Work, Item 9.4 shall now also include: The Contractor shall provide flow monitoring data, including level, velocity, and flow, as outlined in Sections 5.16 and 5.17.
2.5 The City has extended the proposal due date and time to 7/19/16, 2 PM, Central time.

3.0 ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.

APPROVED BY:


Erin D'Vincent, Senior Buyer Specialist
Purchasing Office, 512-974-3070

7/7/16
Date

ACKNOWLEDGED BY:

Name

Authorized Signature

Date

RETURN ONE COPY OF THIS ADDENDUM TO THE PURCHASING OFFICE, CITY OF AUSTIN, WITH YOUR RESPONSE OR PRIOR TO THE SOLICITATION CLOSING DATE. FAILURE TO DO SO MAY CONSTITUTE GROUNDS FOR REJECTION.

PURCHASING OFFICE MEETING SIGN-IN SHEET

RFP & Description: EAD0128 Waterwater Flow Monitoring Services

Meeting Date: 6/29/16

Buyer: Erin D'Vincent

Time: 10 AM - 11 AM

Please Print Legibly				
Name	Company/Agency/Dept.	Phone	Phone	Email
GARY WOOD	ADS	214 683-2575		gwood@indexcorp.com
Joe Smith	AW	572 458-1148		bluedecke@macaulaycontrols.com
Barbara Lueddecke	Macaulay Controls			
Chris Chen	ANS	214 487 14744		jplymak@jmail.com
Jeff Flynn	RJH			
Darrell Richmond	AWJ	512 972-0313		darrell.richmond@austintexas.gov
Mark Surves	Utility Systems Sensored Software	714 542 1004		mark.surves@USCTbed.com
Kelly Hargrave	FlowWan	423 214 2735		Katerchrombie@flowan.com
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		512-972- 2066		

Base Items – Contractor shall include pricing on all items to be considered. This section will be scored out of 30 points. The annual budget for these services is estimated in the range of \$1 million to \$1.2 million dollars.

Item 1: Removal of 4 Meters - Removal of Existing Meters at all depth and sewer main sizes. The quantity is for four (4) metering sites at the beginning of the contract period.

Total Cost per Removal each site for Item 1: \$
Total Cost for Removal for 4 sites for Item 1: \$

Item 2: Installation of 45 Permanent Meters – Installation of flow meters at all depth and sewer main sizes. This is the installation of the each flow meter at each site. The quantity is for forty five (45) metering sites installed at the beginning of the contract period.

Total Cost per Installation each site for Item 2: \$
Total Cost for Installation for 45 sites for Item 2: \$

Item 3: Removal of 45 Permanent Meters – Removal of flow meters from all depths and all sewer main line sizes at the end of contract period. This is the removal of each flow meter from each site. The quantity is forty five (45) metering sites removed at the end of the contract period.

Total Cost per Removal for each site for Item 3: \$
Total Cost for Removal for 45 sites for Item 3: \$

Item 4: 45 Permanent Meters – Monthly Metering, Raw Interactive Data Delivery, and Telog Enterprise Data Upload for forty-five (45) sites per month. This includes the monthly metering and raw data. Payment will be based on raw depth uptime as detailed in Section 9.4 a [of the Scope of Work](#).

Total Cost Per Month for Item 4 (this shall be the monthly cost for all 45 sites): \$
Total Cost Per Year for Item 4: \$

Item 5: 45 Permanent Meters – Processed flow monitoring Data Delivery and Telog Enterprise Data Upload for forty-five (45) sites per month. This includes the processing raw data and QA/QC as detailed Section 8. Payment will be based of processing the data per Section 8 [of the Scope of Work](#).

Total Cost Per Month for Item 5 (this shall be the monthly cost for all 45 sites): \$
Total Cost Per Year for Item 5: \$

Item 6: Installation of 25 Rotating Meters – Installation of flow meters at all depth and sewer main sizes. This is the installation of the each flow meter at each site. The quantity is twenty five (25) metering sites installed at the beginning of each twelve (12) month contract period.

Total Cost per Installation for each site Item 6: \$
Total Cost for Installation for 25 sites Per Year for Item 6: \$

Item 7: Removal of 25 Rotating Meters – Removal of flow meters from all depths and all sewer main line sizes. This is the removal of each flow meter from each site. The quantity is twenty five (25) metering sites removed at the end of each twelve (12) month contract period.

Total Cost per Removal for each site for Item 7: \$
Total Cost for Removal for 25 sites Per Year for Item 7: \$

Item 8: 25 Rotating Meters – Monthly Metering, Raw Interactive Data Delivery, and Telog Enterprise Data Upload for twenty five (25) sites per month. This includes the monthly metering and [raw](#) data. Payment will be based on raw depth uptime as detailed in Section 9.4 a [of the Scope of Work](#).

Total Cost Per Month for Item 8 (this shall be the monthly cost for all 25 sites): \$
Total Cost Per Year for Item 8: \$

Base Items – Contractor shall include pricing on all items to be considered. This section will be scored out of 30 points. The annual budget for these services is estimated in the range of \$1 million to \$1.2 million dollars.

Item 9: 25 Rotating Meters – Processed flow monitoring Data Delivery and Telog Enterprise Data Upload for twenty five (25) sites per month. This includes the processing raw data and QA/QC as detailed Section 8. Payment will be based of processing the data per Section 8 [of the Scope of Work](#).

Total Cost Per Month for Item 9 ~~(this shall be the monthly cost for all 25 sites):~~ \$
Total Cost Per Year for Item 9: \$

Item 10: Installation of Temporary Meters – Installation of temporary flow meters at no more than 30 feet deep or 72 inches in diameter. This is the installation of the each flow meter at each site. The quantity is [up to](#) eighteen (18) metering sites ~~for~~ [for](#) each twelve (12) month contract period.

Total Cost per Installation each site for Item 10: \$
~~Total Cost for Installation for up to 18 sites Per Year for Item 10: \$~~

Item 11: Removal of Temporary Meters – Removal of temporary flow meters from each temporary site. The quantity is up to eighteen (18) metering sites ~~for~~ [for](#) each twelve (12) month contract period.

Total Cost per Removal for each site for Item 11: \$
~~Total Cost for Removal for up to 18 sites Per Year for Item 11: \$~~

Item 12: Temporary Meters – Monthly Metering, Raw Interactive Data Delivery, and Telog Enterprise Data Upload for each site per month. This includes the monthly metering and raw data. The ~~estimated~~ quantity is up to thirty (30) location-months [within each twelve \(12\) month contract period. A temporary flow meter location-month is defined as a flow meter in a location for a period of one month. For example: 3 temporary flow meter location-months could be a combination of 3 flow meter locations for up to one month each or 1 flow meter location for a 3 months duration. The City reserves the right to have different length of duration for each flow meter location.](#) Payment will be based on raw depth uptime as detailed in Section 9.4 a.

~~Total Cost per meter location per month: \$
Total Cost Per Location-Month for Item 12: \$
Total Cost for 30 Location-Months Per Year for Item 12: \$~~

Item 13: Temporary Meters – Processed flow monitoring Data Delivery and Telog Enterprise Data Upload for each site per month. This includes the processing raw data and QA/QC as detailed Section 8. The quantity up to thirty (30) ~~locations~~ [location-months within each twelve \(12\) month contract period. A temporary flow meter location-month is defined as a flow meter in a location for a period of one month. For example: 3 temporary flow meter location-months could be a combination of 3 flow meter locations for up to one month each or 1 flow meter location for a 3 months duration. The City reserves the right to have different length of duration for each flow meter location.](#) Payment will be based of processing the data per Section 8.

~~Total Cost per meter location per month:
Total Cost Per Location-Month for Item 13: \$
Total Cost for 30 Location-Months Per Year for Item 13: \$~~

Item 14: Allowance For Permits – Compensation for permit costs shall be based upon the actual costs of permits substantiated with a City of Austin Invoice. The Contractor's efforts to coordinate, assist, and oversee permits shall be subsidiary and are not included as part of this allowance. This allowance covers the cost of permits for both the base items and any option items, if selected.

Allowance Lump Sum Per Year for Item 14: \$5,000.00 (do not change this amount)

Item 15: All Other Items. The contractor shall include related services in their price proposal including, but not limited to data and equipment, computer or cell compatibility, reporting, transferring software, training, maintenance service, debris removal, permits and licenses, removal

Base Items – Contractor shall include pricing on all items to be considered. This section will be scored out of 30 points. The annual budget for these services is estimated in the range of \$1 million to \$1.2 million dollars.

emergency safety plan.

Total Cost Lump Sum Per Year for Item 15: \$

Item 16: Processing flow monitoring data after a major rain event approximately 10 times per year

Total Cost Per Rain Event for Item 16: \$

Total Cost for 10 Rain Events Per Year for Item 16: \$

Optional Items – Contractor shall include pricing on all items to be considered for award. Failure to provide pricing for each option will result in disqualification of response. This section will be scored out of 10 points. Some or all of these items will only be purchased if there is money available in the annual budget.

Option # 1:

Item 17 – Installation of 25 Rotating Level Indicating Meters – Installation of level indication only flow meters at all depth and sewer main sizes. This is the installation of the each flow meter at each site. The quantity is twenty five (25) metering sites installed at the beginning of each twelve (12) month contract period.

~~Price-Total Cost~~ per installation for each site for Item 17: \$
~~Total Price for installation for 25 sites Per Year for Item 17: \$~~
Total Cost for installation for 25 sites Per Year for Item 17: \$

Item 18 – Removal of 25 Rotating Level Indicating Meters – Removal of level indicating meters from all depths and all sewer main line sizes at the end of contract period. This is the removal of each flow meter from each site. The quantity is twenty five (25) metering sites removed at the end of for each (12) month contract period.

~~Price-Total Cost~~ per removal for each site for Item 18: \$
~~Total Price for removal for 25 sites Per Year for Item 18: \$~~
Total Cost for removal for 25 sites Per Year for Item 18: \$

Item 19 – 25 Rotating Meters Level Indicating Meters – Monthly Metering, Interactive Data Delivery, and Telog Enterprise Data Upload for twenty five (25) sites per month. This includes the monthly metering and data. Payment shall be based on raw depth uptime. Uptime shall be defined as the number of measurement intervals where a flow value can be calculated from a measured depth for a common time interval divided by the total number of measurement intervals in the reporting period.

~~Total Cost~~Price Per Month for Item 19 (this shall be the monthly cost for all 25 sites): \$
~~Total Cost~~ ~~Total Price~~ Per Year for Item 19: \$

Option # 2:

Item 20 – Installation of Temporary Meters – Installation of temporary flow meters at no more than 30 feet deep or 72 inches in diameter. This is the installation of the each flow meter at each site. The quantity is up to twenty four (24) metering sites ~~for~~ for each twelve (12) month contract period.

~~Total Cost~~Price per installation for each site for Item 20: \$
~~Total Price for installation for up to 24 sites Per Year for Item 20: \$~~

Item 21 – Removal of Temporary Meters – Removal of temporary flow meters from each temporary site. The quantity is up to twenty four (24) metering sites ~~for~~ for each twelve (12) month contract period.

~~Price-Total Cost~~ per removal for each site for Item 21: \$
~~Total Price for removal for up to 24 sites Per Year for Item 21: \$~~

Item 22 – Temporary Meters – Monthly Metering, Raw Interactive Data Delivery, and Telog Enterprise Data Upload for each site per month. This includes the monthly metering and raw data. The quantity is up to forty eight (48) location-months within each twelve (12) month contract period. A temporary flow meter location-month is defined as a flow meter in a location for a period of one month. For example: 3 temporary flow meter location-months could be a combination of 3 flow meter locations for up to one month each or 1 flow meter location for a 3 months duration. The City reserves the right to have different length of duration for each flow meter location. Payment will be based on raw depth uptime as detailed in Section 9.4 a of the Scope of Work.

Total Cost per meter location per month:
~~Price Per Month for Item 22 (this shall be the monthly cost for all 48 locations per month):-~~

Optional Items – Contractor shall include pricing on all items to be considered for award. Failure to provide pricing for each option will result in disqualification of response. This section will be scored out of 10 points. Some or all of these items will only be purchased if there is money available in the annual budget.

~~Total Price for 48 Location-Months Per Year for Item 22: \$~~

Item 23 – Temporary Meters – Processed flow monitoring Data Delivery and Telog Enterprise Data Upload for each site per month. This includes the processing raw data and QA/QC as detailed Section 8. The quantity is up to forty eight (48) location-months within each twelve (12) month contract period. A temporary flow meter location-month is defined as a flow meter in a location for a period of one month. For example: 3 temporary flow meter location-months could be a combination of 3 flow meter locations for up to one month each or 1 flow meter location for a 3 months duration. The City reserves the right to have different length of duration for each flow meter location. Payment will be based of processing the data per Section 8 of the Scope of Work.

Total Cost per meter location per month:

~~Price Per Month for Item 23 (this shall be the monthly cost for all 48 locations per month): \$~~

~~Total Price for 48 Location-Months Per Year for Item 23: \$~~

Option # 3:

Item 24 – 45 Permanent Meters, Raw Q Uptime – Monthly Metering, Interactive Data Delivery, and Telog Enterprise Data Upload for forty five (45) sites per month in Base Items. This includes the monthly metering and data. The quantity is forty five (45) metering sites for each twelve (12) month contract period. Payment shall be based on Raw Q uptime as detailed in Section 9.4 b of the Scope of Work.

~~Price-Total Cost~~ Per Month for Item 24 (this shall be the monthly cost for all 45 sites): \$

Total ~~Price-Cost~~ Per Year for Item 24: \$

Option # 4:

Item 25 – 25 Rotating Meters, Raw Q Uptime – Monthly Metering, Interactive Data Delivery, and Telog Enterprise Data Upload for twenty five (25) sites per month in Option # 1. This includes the monthly metering and data. The quantity is twelve (12) months. The quantity is twenty five (25) metering sites for each twelve (12) month contract period. Payment shall be based on Raw Q uptime as detailed in Section 9.4 b of the Scope of Work.

~~Price-Total Cost~~ Per Month for Item 25 (this shall be the monthly cost for all 25 sites): \$

Total ~~Price-Cost~~ Per Year for Item 25: \$

Option # 5:

Item 26 – 45 Permanent Meters, Monthly Verifications for forty five (45) sites per month in Base Item. This includes monthly verifications of each FMS per Section 5.11 of the Scope of Work. The quantity is twelve (12) months for forty five (45) metering sites for each twelve (12) month contract period.

~~Price-Total Cost~~ Per Month for Item 26 (this shall be the monthly cost for all 45 sites): \$

Total ~~Price-Cost~~ Per Year for Item 26: \$

Option # 6:

Item 27 – 25 Rotating Meters, Monthly Verifications for twenty five (25) sites per month in Option #1. This includes monthly verifications for each FMS in Option # 1 per Section 5.11 of the Scope of Work. The quantity is twelve (12) months for twenty five (25) metering sites for each twelve (12) month contract period.

~~Price-Total Cost~~ Per Month for Item 27 (this shall be the monthly cost for all 25 sites): \$

Total ~~Price-Cost~~ Per Year for Item 27: \$