February 5, 2014

SUBJECT: Addendum No. 2 for Continuous Flow Metering

REFERENCE: Invitation to Bid (ITB) No. 140032

TO: All Prospective Bidders:

This Addendum is being issued for the following reasons:

• To revise the above referenced solicitation as follows:

1. Page 26, Section D – Special Terms and Conditions shall be revised to add the following Article and Provisions:

   47.0 PERFORMANCE BOND:

   47.1 Prior to execution of CONTRACT, SUCCESSFUL BIDDER shall furnish a “Faithful Performance Bond” in the amount of 5% of the total bid price. SUCCESSFUL BIDDER shall pay all premiums and costs of bond. The performance bond shall be written on the form provided by DISTRICT within this ITB Document Attachment C. SUCCESSFUL BIDDER shall require the attorney-in-fact who executes the bond on behalf of the surety to affix thereto a certified and current copy of their power of attorney. The performance bond prepared by an appointed agent of insurance per the provisions of Nevada Revised Statutes Chapter 683A. The performance bond must be issued by a certified surety who is listed in the Department of the Treasury, Fiscal Service, (Department Circular 570, Current Revision) or companies holding certificates of authority as acceptable sureties on Federal bonds and as acceptable reinsuring companies.

   47.2 The performance bond shall be sent to the Purchasing and Contracts Department, Attention: Designated Contact Person (referenced on the first page of this ITB Document), no later than ten (10) calendar days after DISTRICT’S request. See the “Submission of Bids” clause 26.2.1 in the Instruction to Bidders section of this bid for the appropriate mailing address.

Remove Page 26 and replace with attached Page 26 marked Revised – 2/5/14.

2. Page 27, Section E – Technical Specifications/Scope of Work, Article 4.0 Flow Metering Equipment, Provision 4.1 shall be revised to read as follows:

   4.1 Contractor shall supply sixty-four (64) sets of leased metering equipment to become District property. Each set of equipment shall consist of a submerged flow sensor, logging equipment, battery power supply, mounting brackets; cellular phone equipment, electrical cabling, and all related appurtenances required to measure meter flow in a gravity sewer pipe and transmit the flow data to the Contractor’s web server. Fifty-nine (59) sets of leased the metering equipment shall be provided and installed in the initial locations at the beginning of the contract. The remaining five (5) sets shall be installed later, at District request, in
locations “To Be Determined” (TBD).


3. Page 28, Section E – Technical Specifications/Scope of Work, Article 4.0 Flow Metering Equipment, Provision 4.4 shall be revised to read as follows:

4.4 Velocity sensors must consist of a submerged (wetted) design. Depth sensors may be either wetted non-contact, or both.


4. Page 28, Section E – Technical Specifications/Scope of Work, Article 4.0 Flow Metering Equipment, Provision 4.8 shall be revised to read as follows:

4.8 Accuracy of flow rate measurements The bench tested velocity and flow accuracy as factory-calibrated shall be within +/- five (5) percent, including pipelines and manholes with very smooth flow and a minimal to no surface turbulence.


5. Page 28, Section E – Technical Specifications/Scope of Work, Article 4.0 Flow Metering Equipment, Provision 4.9 shall be revised to read as follows:

4.9 Flow loggers Each individual flow logger unit shall have a minimum of two input channels per unit, suitable for velocity and level sensors.


6. Page 28, Section E – Technical Specifications/Scope of Work, Article 5.0 Warranty, Provision 5.1 shall be deleted in its entirety and revised to read as follows:

5.0 WARRANTY RESERVED:

5.1 All flow metering equipment and appurtenances shall be warrantied for the entire initial contract term, including all optional contract renewal periods. Any equipment and appurtenances found by the District to be defective shall be replaced and installed by the Contractor at no cost to the District.


7. Page 28, Section E – Technical Specifications/Scope of Work, Article 6.0 Flow Metering Service Requirements, Provision 6.1 shall be revised to read as follows:

6.1 The Contractor shall provide installation of provided leased equipment in District sewer manholes, certified calibration, operation, maintenance, wireless telemetry, data storage, website hosting, and analysis software for manholes located in public streets and sewer easements in Clark County, Nevada.


8. Page 28, Section E – Technical Specifications/Scope of Work, Article 6.0 Flow Metering Service Requirements, Provision 6.5 shall be revised to read as follows:

6.5 Contractor shall be required to provide eight (8) hours of initial training up to 10 District staff on data interpretation, at District’s offices.

9. Page 30, Section E – Technical Specifications/Scope of Work, Article 10.0 Data Uptime Requirements, Provision 10.1 shall be revised to read as follows:

10.1 Each metering location shall have valid raw unedited velocity and depth sensor data provided covering 95% of the hours in each monthly billing cycle. Any or all metering locations that do not individually achieve 95% uptime with valid data shall not be billed or payable for that billing cycle. Only those metering points achieving 95% or better uptime during the billing cycle shall be billed.


10. Page 30, Section E – Technical Specifications/Scope of Work, Article 11.0 Installation by Licensed Contractor shall be revised to read as follows:

11.0 INSTALLATION OF LEASED EQUIPMENT BY LICENSED CONTRACTOR:

Remove Page 30 and replace with attached Page 30 marked Revised – 2/5/14.

11. Page 30, Section E – Technical Specifications/Scope of Work, Article 11.0 Installation of Leased Equipment by Licensed Contractor, Provision 11.6 shall be revised to read as follows:

11.6 The work performed under this contract shall be performed by a licensed Contractor that is workers who have experienced working in the public sewer systems.

Remove Page 30 and replace with attached Page 30 marked Revised – 2/5/14.

12. Page 30, Section E – Technical Specifications/Scope of Work, Article 11.0 Installation of Leased Equipment by Licensed Contractor, Provision 11.11 shall be revised to read as follows:

11.11 During the duration of the contract, Contractor shall re-locate up to 20 leased flow meters from their original sites to new manhole locations as requested by District, at the established unit price referenced within the Bid Form (Pricing Sheet (Exhibit VI). Contractor shall perform the re-locations within 7 calendar days following the District Project Manager written request. Meter re-locations shall meet all the same contract requirements as the initial installations.

Remove Page 30 and replace with attached Page 30 marked Revised – 2/5/14.

13. Page 32, Section E – Technical Specifications/Scope of Work shall be revised to add the following Article and Provisions:

14.0 CONTRACT CLOSEOUT:

14.1 Within thirty (30) calendar days of the expiration/termination of this agreement, the Contractor shall remove all leased metering equipment as described in the aforementioned Section E – Technical Specifications / Scope of Work, Article 4.0 from all applicable DISTRICT manholes. The applicable manholes shall be restored to pre-installation condition, to include dry-packing of any holes in concrete, and restoration of T-lock or coating materials.

14.2 Upon completion of restoration of all applicable manholes, the Contractor shall request the DISTRICT Project Manager or designee to conduct an inspection of the restored manholes and receive DISTRICT Project Manager or designee approval of the restored manholes prior
ADDITIONAL
CONTINUOUS FLOW METERING
SOLICITATION NO. ITB-140032

ADDENDUM 2

SOLICITATION NO. ITB-140032

Remove Page 32 and replace with attached Page 32 marked Revised – 2/5/14.

14. Page 33, Section F – Minimum Bid Packet Content Requirements, Article 2.0, Table 2, Provision “Reserved (Attachment “C”) Not Applicable to ITB” shall be revised to read as follows:

Performance Bond (Attachment “C”).

Remove Page 33 and replace with attached Page 33 marked Revised – 2/5/14.

15. Page 36, EXHIBIT III – Qualifications and References Form, First Paragraph shall be revised to read as follows:

In order to qualify and receive bid award consideration, the bidder must be able to demonstrate that they have installed and operated a minimum of three (3) gravity sewer flow monitoring systems with real-time Company web-hosting of data and analysis software, within the past four (4) years, with a minimum of thirty (30) metering points per system, and a minimum of two (2) years duration per system. And that the velocity and depth sensing, metering, flow calculation, and logging equipment deployed on other projects, which is intended to be used at the DISTRICT has been in commercial service at a minimum of 100 in-sewer sites for a minimum of three (3) years. Moreover, velocity sensors only with less than three (3) years and 100 units of commercial operational history may be used, subject to all other provisions of this contract. The District reserves the right to inspect the Bidder’s previous/current work/project(s), current place of business to evaluate goods, equipment condition and capabilities, staff experience, training and capabilities, and storage capabilities as they may relate to the Bidder’s overall performance in meeting the District’s minimum specified requirements. The Bidder’s references should be included in the spaces provided below. Please attach another piece of paper if necessary. IT IS THE BIDDER’S RESPONSIBILITY TO ENSURE THAT THE PROVIDED REFERENCES CONTACT INFORMATION IS VALID AND/OR UP-TO-DATE.

BIDDER’S CAPABILITY AND EXPERIENCE SHALL BE A FACTOR IN DETERMINING THE CONTRACTOR’S RESPONSIBILITY.


16. Pages 40 - 51, EXHIBIT VI – Bid Form (Pricing Sheet) have been revised in its entirety. Remove pages 40 - 51 and replace Exhibit VI – Bid Form (Pricing Sheet) with the attached Pages 40 - 51 marked Revised – 2/5/14.

17. Page 64, Attachment “C” – Reserved, “Page Intentionally Left Blank”, shall be revised to read as follows:

PERFORMANCE BOND

IMPORTANT: SURETY COMPANIES EXECUTING BONDS MUST BE LICENSED TO ISSUE SURETY BY THE STATE OF NEVADA INSURANCE DIVISION PURSUANT TO NEVADA REVISED STATUTE 683A AND ISSUED BY AN APPOINTED PRODUCER OF INSURANCE PURSUANT TO NEVADA REVISED STATUTE 683A. INDIVIDUAL SURETY BONDS ARE NOT ACCEPTABLE.

KNOW ALL MEN BY THESE PRESENTS,

That ______________________________ as Principal Contractor, and ______________________________ as Surety, are held and firmly bound unto CLARK COUNTY WATER RECLAMATION DISTRICT, hereinafter called DISTRICT, in the sum of ______________________________ dollars, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Contractor has been recommended for award and shall enter into CONTRACT with said DISTRICT to perform all work required under the Bidding Schedule(s) BID NO. ______ of the DISTRICT’S specifications entitled Continuous Flow Metering.

NOW THEREFORE, if said Contractor shall perform all the requirements of said CONTRACT required to be performed on their part, at the times and in the manner specified therein, then this obligation shall be null and void, otherwise it shall remain in full force and effect.

PROVIDED, that any change order(s), alterations in the work to be done or the materials to be furnished, which may be made pursuant to the terms of said CONTRACT, shall not in any way release said Contractor or said Surety thereunder, nor shall any extensions of time granted under the provisions of said CONTRACT release either said Contractor or said Surety, and notice of such change order(s), alterations or extensions of CONTRACT is hereby waived by said Surety.
The following questions and Clark County Water Reclamation District (DISTRICT) responses are hereby incorporated and made a part of the ITB:

1. We hereby request the list of planholders (bidders) for your following solicitation on behalf of our customers who are contractors and vendors.

Answer: The DISTRICT has received written confirmation “to date” that the following prospective bidders have expressed interest in possibly bidding on this ITB solicitation:

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>ADDRESS</th>
<th>CONTACT</th>
<th>TELEPHONE</th>
<th>E-MAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLOWAV, Inc.</td>
<td>1152 Mae St., Hershey Square #217, Hummelstown, PA 17036</td>
<td>Kraig Moodie 717-580-0123</td>
<td><a href="mailto:Kmoodie@flowav.com">Kmoodie@flowav.com</a></td>
<td></td>
</tr>
<tr>
<td>AMG Environmental Inc.</td>
<td>53 Churchill Dr., Unit 4, Barrie, ON L4N8Z5</td>
<td>Michelle Ward 800-252-3594</td>
<td><a href="mailto:michelle@amggroup.ca">michelle@amggroup.ca</a></td>
<td></td>
</tr>
<tr>
<td>Hydromax USA</td>
<td>71 Cavalier Blvd, Ste. 122, Florence, KY 41042</td>
<td>Stuart Bowns 859-512-7878</td>
<td><a href="mailto:Stu.bowns@hydromaxusa.com">Stu.bowns@hydromaxusa.com</a></td>
<td></td>
</tr>
<tr>
<td>V&amp;A Consulting Engineers, Inc.</td>
<td>3430 E. Russell Rd., Ste. 316, Las Vegas, NV 89120</td>
<td>Sally Stewart 619-436-5787</td>
<td><a href="mailto:sstewart@vaengineering.com">sstewart@vaengineering.com</a></td>
<td></td>
</tr>
<tr>
<td>ADS Environmental Services</td>
<td>4820 Mercury St., Ste. C, San Diego, CA 92111</td>
<td>Laura Reed 206-512-9178</td>
<td><a href="mailto:lreed@idexcorp.com">lreed@idexcorp.com</a></td>
<td></td>
</tr>
<tr>
<td>Infrastructure Engineering Corporation</td>
<td>14271 Danielson St., Poway, CA 92064</td>
<td>George Elaro 858-437-7223</td>
<td><a href="mailto:GELARO@iecorporation.com">GELARO@iecorporation.com</a></td>
<td></td>
</tr>
<tr>
<td>HACH Company</td>
<td>5600 Lindbergh Drive, Loveland, CO 80538</td>
<td>Richard Delgadillo 970-443-8821</td>
<td><a href="mailto:rdelgadi@hach.com">rdelgadi@hach.com</a></td>
<td></td>
</tr>
</tbody>
</table>
2. Section E, Provision 4.4 reads “Velocity sensors must consist of a submerged (wetted) design. Depth sensors may be either wetted non-contact, or both.”

For sites where the pipe size and flow conditions are either not appropriate for accurate flow monitoring or safety of the installation is of concern, will non-contact sensing technology be allowed?

**Answer: Yes, please refer to “revised section” above, revision 3.**

3. Section E, Provision 4.8 reads “Accuracy of flow rate measurements shall be within +/- five (5) percent, including pipelines and manholes with very smooth flow and a minimal to no surface turbulence.”

What will be the standard by which all the metering locations will be verified to meet the +/-5% flow accuracy specification? Only a few technologies specify a flow accuracy specification, but are either non-contact or are considerably more expensive than standard area velocity meters that cannot guarantee this accuracy rating. Will dye-dilution or another method be used to certify each site and under all ranges of flow conditions? Any technology can be “calibrated” during certain conditions, but cannot meet the entire expected operating range of the site and flow meter. What method will be used to ensure that the equipment used in each location function under the entire operational range of the site?

**Answer: The bench tested velocity accuracy of sensors as factory-calibrated shall be +/- 5%.**

4. Section E, Provision 4.9 reads “Flow loggers shall have a minimum of two input channels per unit.”

Does the provider have to supply an additional logging device to store 2 additional inputs other than level, velocity and flow readings? If so, what type of data input is it and what format will it be required to support?

**Answer: Please refer to “revised section” above, revision 5.**

5. Section E, Article 10.0 Data Uptime Requirements, Provision 10.1 reads “Each metering location shall have valid data provided covering 95% of the hours in each monthly billing cycle. Any or all metering locations that do not individually achieve 95% uptime with valid data shall not be billed or payable for that billing cycle.”

What is the definition of “meter uptime”? All meters can provide data, but many do not supply sensor quality parameters, such as level / velocity sensor signal strength, spectrum return and other data verification analysis tools. Will the provider be responsible to supply these data in order to support meter uptime or will simply delivering data be sufficient to meet this requirement?

**Answer: Please refer to “revised section” above, revision 9.**

6. Some of the vendors at the pre-bid meeting claimed that they could not install wetted velocity sensors at locations with high velocity and recommended using surface velocity sensors. We believe wetted sensors can be installed at most collection system locations (even with high velocity) using proper procedures and technology. Can the District provide 7 days of data (depth, velocity and quantity) in hydrograph or tabular data from the previous flow monitoring projects, so the vendors can better plan for the level of effort and technology to meet the ITB’s specifications?

**Answer: Please refer to “revised section” above, revision 3. The DISTRICT will not be providing data because flow and velocities may have changed significantly at each location since the last contract expired.**
7. Due to the high temperature and potential for high gas at the sewer monitoring manholes, will the District require the flow meters to meet Class I, Division 1 Intrinsic Safety requirements for explosive environments?

Answer: No, shall be suitable for sewer service per Section E – Technical Specifications / Scope of Work Article 4.0 Flow Metering Equipment, Provision 4.3.

8. Since the ITB requires 5% accuracy in Section 4.8, will the District allow pressure depth sensors (as opposed to drift free ultrasonic depth sensors) be used as the primary depth element?

Answer: Yes, either type will be allowed.

9. If the District allows pressure depth sensors to be used as a primary depth sensor, will the District require the vendor to perform monthly in-manhole calibrations to document and correct pressure sensor drift?

Answer: No.

10. Will the District require more than one calibration of the flow metering sensors to document accuracy over the 3-5 year project?

Answer: Only if Contractor or District suspects data error in a particular location.

11. Will the County accept notice of any policy changes, cancellations, or any erosion of insurance limits from the insurance broker via regular US Mail, if the Bidder agrees to provide the additional notice via certified Return Receipt Requested mail?

Answer: Yes.

12. Sorry, there was one more question I forgot to ask, regarding silt. Silt can definitely affect the accurate measurement of flow volumes, and so we are concerned about it with regard to Clark County. Here is the question:

Do any of the proposed monitoring sites have a history of silt? If so, will you require at least bi-annual silt measurements to verify the pipe’s wetted area for flow quantification?

Answer: Silt is not a concern at these metering locations.

13. In reference to Section B, Uniform Instructions to Bidder, No. 29.1.

a) “All bids will be awarded to the lowest responsive and responsible Bidder. The determination of the lowest responsive and responsible Bidder may be judged on all or some of the following factors: price, conformity to specifications, facilities and equipment, availability of repair parts, experience, terms of payment, qualifications, past performance, performance or delivery dates, quality and utility of services, supplies, materials or equipment offered and the adaptability of those services, supplies, materials or equipment to the required purpose of CONTRACT, and other objective and accountable factors which are reasonable.”

Question: If all of these factors will be considered in the award of the project, what forms can we submit to detail our ability to address these factors? The forms available in the RFP only address price, some experience, some qualifications, and references.

Answer: This bid will be awarded to the lowest responsive and responsible bidder who meets specifications. The items referenced in provision 29.1, may be judged to determine if the bidder is deemed as being responsible. Please only submit the
required forms that are referenced in the ITB, Section F, Minimum Bid Packet Content Requirements, Table One (1).


a) “Each set of equipment shall consist of a submerged flow sensor, & “Velocity sensors must consist of a submerged (wetted) design.”

Question: In the prebid meeting the district personnel said the reason for excluding non-contacting technology for velocity measurements was to ensure a “level playing field” during the bid process. However it was noted and acknowledged that the three largest manufacturers of low monitoring equipment in the US all manufacture a non-contacting velocity sensor. It was also noted that with the district’s large diameter pipes and high velocities, wetted technologies would not be suitable for installation. There is a safety risk for the personnel installing the sensors, the accuracy would most likely fall outside of the required +-5%, and installation hardware would require that holes be drilled into the district’s pipes. For all these reasons we request relief from the requirement that only wetted sensors be allowed and that non-contacting velocity sensors also be allowed to be deployed.

Answer: See answer to question 2.

15. In reference to Section E, Technical Specifications/Scope of Work, No. 10.1.

a) “Each metering location shall have valid data provided covering 95% of the hours in each monthly billing cycle. Any or all metering locations that do not individually achieve 95% uptime with valid data shall not be billed or payable for that billing cycle. Only those metering points achieving 95% or better uptime during the billing cycle.”

Question: In the prebid meeting the district personnel said that uptime would be measured at 95% uptime on the velocity and depth sensors. No uptime credit will be allowed for a Manning's flow calculation. In other words the uptime would be calculated on only raw unedited data that is reported directly from the meter without any editing or the use of the Manning’s equation. We are requesting that his language be included as a bid requirement.

Answer: See answer to question 5.


a) “The work performed under this contract shall be performed by a licensed Contractor that is experienced working in the public sewer systems.”

Question: In the prebid meeting the district personnel said that a licensed contractor would not be required to perform the installation or maintenance of the metering equipment. We request relief from this requirement that the Contractor be licensed. We request that the contractor be required to ensure their employees have received adequate and documented safety training specific to the installation and maintenance of flow metering equipment requiring confined space entry.

Answer: Please refer to “revised section” above, revision 11.

17. In reference to Section E, Technical Specifications/Scope of Work, No. 6.4.

a) “Contractor shall host flow data on Contractor’s secure server and provide 24-hour/day password-protected Internet access to that data.”

Question: Is it a requirement that the Contractor's secure server be located inside the continental United States?
ADDENDUM 2
CONTINUOUS FLOW METERING
SOLICITATION NO. ITB-140032

Answer: No.

18. In reference to Exhibit VI, Bid Form (Pricing Sheet).
   a) “MONTHLY CONTINUES FLOW METERING MONITORING SERVICE - Contractor shall provide all necessary supervision, labor, telemetry and software, necessary to operate and maintain flow metering equipment, provide warranty service, generate/monitor flow meter data reports, host flow meter data at secure website, and provide customer support, as described within the scope of services.”

   Question: Is the definition of the above excerpt from the Bid Form Pricing Sheet, “provide warranty service”, to provide the warranty replacement of all failed equipment including labor for the entire 5 year period? Or does this warranty service just require the contractor provide the labor at no cost? Lastly does the district define defective equipment as equipment that has failed or found to be defective as a result of a manufacturing defect?

   Answer: All leased equipment must be repaired and/or replaced if it failed during the contract period at NO cost to the DISTRICT

19. In reference to Section B, Uniform Instructions to Bidder, No. 34.1.
   a) “Award will be made to the lowest responsive and responsible Bidder in aggregate (Bidder must bid on all items) contingent upon the submission of all requested documents after award within the timelines specified, unless an extension is approved by DISTRICT. Award of bid may require BOT approval. Bidders must bid on all items to be considered responsive.”

   Question: There is a column listed on the Bid Form (Pricing Sheet) allowing a potential bidder to select an option of “no bid”. If any potential bidder selects this option for any line item will they be disqualified per the language in Section B, Uniform Instructions to Bidder, No. 34.1?

   Answer: Bidders must bid on all items to be considered responsive.

20. In reference to Exhibit VI, Bid Form (Pricing Sheet).

   ![TOTAL EXTENDED BID AMOUNT SUMMARY Table]

   Question: Will the final determination of lowest price be the amount totaled on the line “TOTAL BID AMOUNT” listed on page 51 of the RFP?

   Answer: Yes. Please refer to “revised section” above, revision 16.

21. Do we need to have the Clark County Business License prior to the bid submittal or can we begin the process and have it ready prior to the award announcement?
Answer: No, you do not need to have the Clark County Business License prior to submittal. However, the Successful Bidder will be required to have a Clark County Business License prior to contract award. Therefore, it is encouraged that all Prospective Bidders start this process as soon as possible to prevent any delays with the contract award.

22. If the wireless antennae is damaged due to road repairs or re-surfacing, will the District cover the cost of the replacement equipment and the labor to re-install the antennae?

Answer: Yes, there will be a line item added to Exhibit VI – Bid Form (Pricing Sheet) to address this concern. Please refer to “revised section” above, revision 16.

23. If the equipment in the pipe or manhole is damaged by District operations will the District cover the cost of the repairs or replacement of the equipment?

Answer: Yes, at a fair and reasonable negotiated rate.

24. D17.0 SAFETY REQUIREMENTS: who will be required to hold certification/training sales people, project managers, etc.? On past CCWRD Projects we have been required to have a “Safety Person” with a 30 hour OSHA Construction Safety and Health Certificate on site during working on CCWRD will that hold true on this project.

Answer: No.

25. We maintain an office in Las Vegas does having a local office help the bidder?

Answer: There are no mandatory local preference requirements and/or Business Opportunity Workforce Development (BOWD) participation goals established for this bid. This bid will be awarded to the lowest responsive and responsible bidder who meets specifications.

26. Based on our past experiences on CCWRD Projects we understand that Commissioner Sisolak prefers using local services. Will this be considered as part on the decision making and selection?

Answer: See answer to question 25.

27. What commitment to local business enterprise is being made to this project?

Answer: See answer to question 25.

THERE WILL BE NO ADDITIONAL QUESTIONS ACCEPTED AND/OR ANSWERED AS IT PERTAINS TO THIS ITB!
ADDENDUM 2
CONTINUOUS FLOW METERING
SOLICITATION NO. ITB-140032

When issued, this Addendum shall automatically become a part of the solicitation documents and shall supersede any previous specification(s) and/or provision(s) in conflict with the Addendum. All revisions, responses, and answers incorporated into this Addendum are collaboratively from both the DISTRICT Purchasing and Contracts Department and the applicable End-User Department. It is the responsibility of the bidder to ensure that he/she has obtained all such Addendum(s). By submitting a bid on this project, bidders shall be deemed to have received all Addendum(s) and to have incorporated them into this ITB.

If you have any questions or if further clarification is needed regarding this ITB, please contact me.

Douglas Moore
Purchasing Analyst
702-668-8094
E-mail: dmoore@cleanwaterteam.com

Attached Revised Page(s): 26-28, 30, 32, 33, 36, 40-51, & 64
contract management process. Participation in this process shall be considered as part of SUCCESSFUL BIDDER’s performance.

44.0 AIR POLLUTION:

44.1 SUCCESSFUL BIDDER shall so perform its work as not to discharge into the atmosphere from any source whatever smoke, dust, or other air contaminants in violation of the laws, rules and regulations of all federal, state and local air and water pollution requirements including, but not limited to: Nevada Revised Statute 445: Air Quality Regulation; registering with the Clark County Health Department, Air Pollution Board any equipment requiring operating permits by said Board; and adhering to all Clark County Air Pollution Board Regulations.

45.0 STORAGE OF MATERIALS:

45.1 SUCCESSFUL BIDDER is responsible for storage of any materials. DISTRICT is not responsible for loss or damage to materials, tools, appliances, or work arising from acts of theft, vandalism, malicious mischief or other causes.

46.0 CLEANING UP:

SUCCESSFUL BIDDER shall, at all times, keep the work area in a neat, clean, and safe condition. Upon completion of any portion of the work, SUCCESSFUL BIDDER shall promptly remove all of its equipment, temporary structures and surplus materials not to be used at or near the same location during later stages of work. Upon completion of the work and before payment is made, SUCCESSFUL BIDDER shall, at its expense, satisfactorily dispose of all plant, rubbish, unused materials, and other equipment and materials belonging to it or used in the performance of the work, and SUCCESSFUL BIDDER shall leave the premises and work site in a neat, clean and safe condition. In the event of SUCCESSFUL BIDDER’S failure to comply with the foregoing, DISTRICT may accomplish the same at SUCCESSFUL BIDDER’S expense.

47.0 PERFORMANCE BOND:

47.1 Prior to execution of CONTRACT, SUCCESSFUL BIDDER shall furnish a “Faithful Performance Bond” in the amount of 5% of the total bid price. SUCCESSFUL BIDDER shall pay all premiums and costs of bond. The performance bond shall be written on the form provided by DISTRICT within this ITB Document Attachment C. SUCCESSFUL BIDDER shall require the attorney-in-fact who executes the bond on behalf of the surety to affix thereto a certified and current copy of their power of attorney. The performance bond prepared by an appointed agent of insurance per the provisions of Nevada Revised Statutes Chapter 683A. The performance bond must be issued by a certified surety who is listed in the Department of the Treasury, Fiscal Service, (Department Circular 570, Current Revision) or companies holding certificates of authority as acceptable sureties on Federal bonds and as acceptable reinsuring companies.

47.2 The performance bond shall be sent to the Purchasing and Contracts Department, Attention: Designated Contact Person (referenced on the first page of this ITB Document), no later than ten (10) calendar days after DISTRICT’S request. See the “Submission of Bids” clause 26.2.1 in the Instruction to Bidders section of this bid for the appropriate mailing address.
1.0 DEFINITIONS:

1.1 The following definitions apply to this Scope of Services:

1.1.1 "Award Date" means the date that the contract becomes effective. This is the date that the Board of Trustees approves the contract.

1.1.2 “Contractor” means the individual, partnership, or corporation responsible for the performance of services under this contract.

1.1.3 “Contractor Representative” means the individual authorized to act on behalf of the Contractor regarding routine matters arising during performance of the services.

1.1.4 “Deliverable” means any report, software, hardware, data, documentation, or other tangible item that the Contractor is required to provide to the District under the terms of the Contract.

1.1.5 “Non-Exclusive Contract” means a Contract under which the District agrees to obtain some, but not necessarily all, of the District’s requirements for a particular service.

1.1.6 “Project Manager” means the District representative who is responsible for the coordination of Contract performance between the District and the Contractor.

1.1.7 “Work” means performance of the contracted services.

2.0 BACKGROUND:

2.1 Clark County Water Reclamation District (the District) manages a wastewater collection system for portions of Clark County, Nevada within the Las Vegas Valley, including the Southern portion of the Las Vegas Strip. The collection system consists of more than 2,000 miles of pipeline ranging in diameter from 8" to 84", conveying an average of 93 MGD of wastewater to the District’s treatment facilities.

3.0 INTENT:

3.1 The specifications intent is to describe the minimum requirements for supplying the necessary metering equipment and appurtenances for providing continuous sewer flow metering services. The metering equipment and services are needed to support:

3.1.1 Operational control of the collection system.

3.1.2 Evaluation of available sewer capacity for new projects.

3.1.3 In-house modeling of the Clark County Water Reclamation District collection system. The modeling work and software itself is not part of this contract.

4.0 FLOW METERING EQUIPMENT:

4.1 Contractor shall supply sixty-four (64) sets of leased metering equipment to become District property upon completion of installation and calibration be installed and calibrated on DISTRICT property. Each set of equipment shall consist of a submerged flow sensor, logging equipment, battery power supply, mounting brackets; cellular phone equipment, electrical cabling, and all related appurtenances required to measure meter flow in a gravity sewer pipe and transmit the flow data to the Contractor’s web server. Fifty-nine (59) sets of leased the metering equipment shall be provided and installed in the initial locations at the beginning of the contract. The remaining five (5) sets shall be installed later, at District request, in locations “To Be Determined” (TBD).

4.2 Flow sensors shall be able to directly measure both level and velocity. The level and velocity may be measured by separate sensors, or one multi-function sensor.
ADDENDUM 2
CONTINUOUS FLOW METERING
SOLICITATION NO. ITB-140032

SECTION E – TECHNICAL SPECIFICATIONS / SCOPE OF WORK
SOLICITATION NO.: ITB-140032

4.3 Flow meters and associated equipment shall be suitable for use in a wastewater collection system.

4.4 Velocity sensors and must consist of a submerged (wetted) design. Depth sensors may be either wetted non-contact, or both.

4.5 Flow meters shall continue to measure level and velocity when the fluid level in the manhole surcharges above the equipment mounted in the manhole. Equipment shall be designed to withstand occasional immersion in wastewater without becoming damaged.

4.6 The range of velocity measurement shall be 1.0 to 20 ft/s.

4.7 The operating range for level measurement shall be 4 to 84 inches.

4.8 Accuracy of flow rate measurements. The bench targeted velocity and flow accuracy as factory-calibrated shall be within +/- five (5) percent, including pipelines and manholes with very smooth flow and a minimal to no surface turbulence.

4.9 Flow loggers Each individual flow logger unit shall have a minimum of two input channels per unit, suitable for velocity and level sensors.

4.10 Equipment installation and initial calibration is to be certified by Contractor at time of meter installation, and those calibration reports submitted to the District. Delivery of the calibration reports is a required condition, in order for the District to pay the invoice for delivery and installation of the metering equipment and appurtenances.

4.11 Power for all metering equipment shall be provided by batteries contained within the manhole. Connection to external power sources will not be allowed. Batteries shall be rated to provide a minimum of 6 months of continuous service before replacement. Documentation of each battery replacement during the contract period shall be submitted to the District, outlining what service life was attained.

5.0 WARRANTY RESERVED:

5.1 All flow metering equipment and appurtenances shall be warrantied for the entire initial contract term, including all optional contract renewal periods. Any equipment and appurtenances found by the District to be defective shall be replaced and installed by the Contractor at no cost to the District.

6.0 FLOW METERING SERVICE REQUIREMENTS:

6.1 The Contractor shall provide installation of provided leased equipment in District sewer manholes, certified calibration, operation, maintenance, wireless telemetry, data storage, website hosting, and analysis software for manholes located in public streets and sewer easements in Clark County, Nevada.

6.2 The Contractor shall remove and re-install any meter requested by the District for operational requirements (Cleaning, Maintenance, etc.) at the established unit price referenced within the Bid Form (Pricing Sheet) (Exhibit VI). Removal of the meter equipment shall be completed within 7 calendar days from the District’s Project Manager written request. The District may, at its sole discretion, remove Contractor’s equipment from manholes and return the equipment to the Contractor. When District work is complete, District Project Manager will request the Contractor to re-install the meter. Re-installation of the meter equipment shall be completed within 7 calendar days from the District’s Project Manager written request at the established unit price referenced within the Bid Form (Pricing Sheet) (Exhibit VI).

6.3 Contractor shall provide all required maintenance, service, and troubleshooting on metering equipment for the duration of the contract period.

6.4 Contractor shall host flow data on Contractor’s secure server and provide 24-hour/day password-protected Internet access to that data.

6.5 Contractor shall be required to provide eight (8) hours of initial training up to 10 District staff on data interpretation, at District’s offices.
8.9 Software shall provide a “data dump” function that allows all metering data to be downloaded from all metering sites, in Microsoft Excel format, with one single user action. Functionality that requires a user download action for each site separately will not meet this requirement.

9.0 CUSTOMER SUPPORT:
9.1 Live customer phone support by Contractor qualified staff is to be available 8:00 AM through 5:00PM, Pacific Standard Time, Monday through Friday.

9.2 Contractor shall provide an emergency field contact phone number for a field representative. The Contractor’s field representative shall be available within 24 hours to respond to emergency conditions.

10.0 DATA UPTIME REQUIREMENTS:
10.1 Each metering location shall have valid raw unedited velocity and depth sensor data provided covering 95% of the hours in each monthly billing cycle. Any or all metering locations that do not individually achieve 95% uptime with valid data shall not be billed or payable for that billing cycle. Only those metering points achieving 95% or better uptime during the billing cycle shall be billed.

11.0 INSTALLATION OF LEASED EQUIPMENT BY LICENSED CONTRACTOR:
11.1 The initial meter locations are listed in Attachment E-1.

11.2 Additional metering sites may be communicated to Contractor at some juncture after the contract period starts. Contractor shall install these additional meters within 7 calendar days following the District Project Manager written notice request, at the established unit price referenced within the contract Bid Form (Pricing Sheet) (Exhibit VI). Additional meter installations shall meet all the same contract requirements as the initial meter installations.

11.3 Contractor shall investigate the District proposed meter site locations. Contractor shall confirm that each site is suitable for metering or identify an alternative site.

11.4 Contractor shall install the sensors, cables, monitors, batteries, and communication equipment at each site as required.

11.5 Contractor shall field calibrate the installed meters and provide a record of that calibration to the District Project Manager within 7 calendar days.

11.6 The work performed under this contract shall be performed by a licensed Contractor that is workers who have
experience working in the public sewer systems.

11.7 Many of the metering sites are located in busy thoroughfares or other challenging locations. Contractor will not be reimbursed by District for the cost of a crew that was unable to access a metering site for installation, maintenance, calibration, or removal.

11.8 All personnel entry below the plane of the manhole lid constitutes a confined-space entry. All confined-space entries must be properly permitted and performed by qualified persons.

11.9 Traffic control in District’s service area is under the jurisdiction of Clark County Development Services (CCDS). Contractor is responsible for pulling traffic control permits from CCDS and complying with all requirements of those permits.

11.10 Contractor shall procure all permits and licenses, pay all charges and fees, and give all notices necessary and incidental due to the lawful prosecution of the work.

11.11 During the duration of the contract, Contractor shall re-locate up to 20 leased flow meters from their original sites to new
13.3 The manholes for sewers to be metered are typically located in the public right-of-way for heavily-travelled public roadways; however some manholes may be located in various sewer easements.

13.4 Most installations are inside manholes that may range in depth from 3 feet to 30 feet.

13.5 Most installations will be on sewers ranging from 15 inch diameter to 84 inch diameter.

13.6 Sewers to be monitored are expected to be running at open channel flow during normal operations, however surcharging may occur.

14.0 CONTRACT CLOSEOUT:

14.1 Within thirty (30) calendar days of the expiration/termination of this agreement, the Contractor shall remove all leased metering equipment as described in the aforementioned Section E – Technical Specifications / Scope of Work, Article 4.0 from all applicable DISTRICT manholes. The applicable manholes shall be restored to pre-installation condition, to include dry-packing of any holes in concrete, and restoration of T-lock or coating materials.

14.2 Upon completion of restoration of all applicable manholes, the Contractor shall request the DISTRICT Project Manager or designee to conduct an inspection of the restored manholes and receive DISTRICT Project Manager or designee approval of the restored manholes prior to the DISTRICT release of the Contractor’s performance bond.
To simplify the determination of the lowest responsive and responsible bidder and to obtain the maximum degree of comparability, all Prospective Bidder(s) must at a minimum submit the required forms as outlined in “Table One (1)” below. Failure to submit required forms listed below within the Bidders Bid Packet may result in Rejection of Bid.

### TABLE ONE (1) – REQUIRED BID FORMS

<table>
<thead>
<tr>
<th>Form Description</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signed Official Bid Offer and Submittal Form</td>
<td>I</td>
</tr>
<tr>
<td>Addendum Acknowledgment Form</td>
<td>II</td>
</tr>
<tr>
<td>Qualifications and References Form</td>
<td>III</td>
</tr>
<tr>
<td>Business Designation Group Form</td>
<td>IV</td>
</tr>
<tr>
<td>Subcontractor Information Form</td>
<td>V</td>
</tr>
<tr>
<td>Bid Form (Pricing Sheet)</td>
<td>VI</td>
</tr>
<tr>
<td>Disclosure Of Ownership/Principals Form</td>
<td>VII</td>
</tr>
<tr>
<td>Business License Information Form</td>
<td>VIII</td>
</tr>
<tr>
<td>Reserved (Exhibit IX) Not Applicable to ITB</td>
<td>IX</td>
</tr>
<tr>
<td>Per Section E - Technical Specification/Scope of Work Article 12.1 Workplace Safety Plan</td>
<td></td>
</tr>
<tr>
<td>Per Section E - Technical Specification/Scope of Work Article 12.2 All Applicable Licenses and/or Certifications</td>
<td></td>
</tr>
<tr>
<td>Per Section E - Technical Specification/Scope of Work Article 12.3 Work Zone Safety Plan</td>
<td></td>
</tr>
<tr>
<td>One (1) Hard Copy (Photocopy) of the entire Original signed Bid Packet</td>
<td></td>
</tr>
<tr>
<td>One (1) Electronic CD Copy or USB Flash Drive of the scanned copy of the entire Original signed Bid Packet</td>
<td></td>
</tr>
</tbody>
</table>

2.0 **Table 2**: Lists other documents and forms that should be reviewed by Bidder, but are not required to be submitted with the bid. The DISTRICT will request these forms, as applicable, to be completed and submitted to the DISTRICT by the recommended/successful Bidder(s):

### TABLE 2 - DOCUMENTS & FORMS

<table>
<thead>
<tr>
<th>Form Description</th>
<th>Attachment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insurance Requirements</td>
<td>&quot;A&quot;</td>
</tr>
<tr>
<td>Affidavit for Sole Proprietor (ONLY)</td>
<td>&quot;B&quot;</td>
</tr>
<tr>
<td>Reserved (Attachment “C”), Not Applicable to ITB Performance Bond (Attachment “C”)</td>
<td></td>
</tr>
</tbody>
</table>
In order to qualify and receive bid award consideration, the bidder must be able to demonstrate that they have installed and operated a minimum of three (3) gravity sewer flow monitoring systems with real-time Company web-hosting of data and analysis software, within the past four (4) years, with a minimum of thirty (30) metering points per system, and a minimum of two (2) years duration per system. And that the velocity and depth sensing, metering, flow calculation, and logging equipment deployed on other projects, which is intended to be used at the DISTRICT has been in commercial service at a minimum of 100 in-sewer sites for a minimum of three (3) years. Moreover, velocity sensors only with less than three (3) years and 100 units of commercial operational history may be used, subject to all other provisions of this contract. The District reserves the right to inspect the Bidder’s previous/current work/project(s), current place of business to evaluate goods, equipment condition and capabilities, staff experience, training and capabilities, and storage capabilities as they may relate to the Bidder's overall performance in meeting the District’s minimum specified requirements. The Bidder's references should be included in the spaces provided below. Please attach another piece of paper if necessary. IT IS THE BIDDER’S RESPONSIBILITY TO ENSURE THAT THE PROVIDED REFERENCES CONTACT INFORMATION IS VALID AND/OR UP-TO-DATE. BIDDER’S CAPABILITY AND EXPERIENCE SHALL BE A FACTOR IN DETERMINING THE CONTRACTOR’S RESPONSIBILITY.

PART 1 – OPERATION AND MAINTENANCE OF CUSTOMER FLOW METERING SYSTEMS:

1. Project Location: ________________________________________________________________
   Project Client: ________________________________________________________________
   Client Contact Person: _________________________________________________________
   Client Phone Number: _________________________________________________________
   Number of Meters: _____________________________________________________________
   Date System Went Online: _____________________________________________________
   Sensor Unit Manufacturer/Model: ________________________________________________
   Meter-Logger Manufacturer/Model: ______________________________________________

2. Project Location: ________________________________________________________________
   Project Client: ________________________________________________________________
   Client Contact Person: _________________________________________________________
   Client Phone Number: _________________________________________________________
   Number of Meters: _____________________________________________________________
   Date System Went Online: _____________________________________________________
   Sensor Unit Manufacturer/Model: ________________________________________________
   Meter-Logger Manufacturer/Model: ______________________________________________

3. Project Location: ________________________________________________________________
   Project Client: ________________________________________________________________
   Client Contact Person: _________________________________________________________
   Client Phone Number: _________________________________________________________
   Number of Meters: _____________________________________________________________
   Date System Went Online: _____________________________________________________
   Sensor Unit Manufacturer/Model: ________________________________________________
### EXHIBIT VI – BID FORM (PRICING SHEET)
SOLICITATION NO.: ITB-140032

### YEAR ONE (1) – CONTINUOUS FLOW METERING SERVICES

#### GROUP 1

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>ESTIMATED QTY.</th>
<th>UNIT OF MEASURE</th>
<th>UNIT PRICE</th>
<th>TOTAL PRICE</th>
<th>NO BID (√)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>INSTALLATION SERVICES OF LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to install and calibrate all required leased flow meter equipment within the collection system as described within the scope of services.</td>
<td>59</td>
<td>EACH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>(TBD) ADDITIONAL REQUESTED INSTALLATION SERVICES OF LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to install and calibrate all required leased flow meter equipment within the collection system as described within the scope of services.</td>
<td>1</td>
<td>EACH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>REMOVAL OF LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to remove leased flow meter equipment from designated site(s) identified by District as described within the scope of services.</td>
<td>2</td>
<td>EACH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>REINSTALLATION/RELOCATION OF REMOVED LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to reinstall/relocate previously removed leased flow meter equipment from designated site(s) identified by District as described within the scope of services.</td>
<td>2</td>
<td>EACH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>TRAINING - Contractor shall provide all necessary supervision, labor, materials and supplies necessary to conduct both training for flow meter data interpretation and “as needed” training to designated District staff as described within the scope of services.</td>
<td>8</td>
<td>PER HOUR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>ANTENNAE REPLACEMENT – Cost to DISTRICT to replace and re-install damaged antennae(s)</td>
<td>5</td>
<td>AS NEEDED</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### YEAR ONE (1) – GROUP 1 AMOUNT

$
### YEAR ONE (1) – CONTINUOUS FLOW METERING SERVICES

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>EST. QTY.</th>
<th>UOM</th>
<th>MONTHLY UNIT PRICE</th>
<th>DURATION (UNIT PRICE X 12 MONTHS)</th>
<th>TOTAL PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>MONTHLY LEASED EQUIPMENT - Contractor shall provide all necessary leased equipment, which shall be inclusive of flow sensors, logging equipment, battery power supply, mounting brackets, cellular phone equipment, electrical cabling, and all related equipment, parts and software necessary to measure meter flow in a gravity sewer pipe and transmit the flow data to the Contractor’s web server as described within the scope of services.</td>
<td>59</td>
<td>PER MONTH</td>
<td></td>
<td>X 12 =</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>(TBD) ADDITIONAL REQUESTED LEASED EQUIPMENT – Contractor shall provide all necessary leased equipment, which shall be inclusive of flow sensors, logging equipment, battery power supply, mounting brackets, cellular phone equipment, electrical cabling, and all related equipment, parts and software necessary to measure meter flow in a gravity sewer pipe and transmit the flow data to the Contractor’s web server as described within the scope of services.</td>
<td>1</td>
<td>PER MONTH</td>
<td></td>
<td>X 12 =</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>MONTHLY CONTINUES FLOW METERING MONITORING SERVICE - Contractor shall provide all necessary supervision, labor, telemetry and software, necessary to operate and maintain flow metering equipment, provide warranty service, generate/monitor flow meter data reports, host flow meter data at secure website, and provide customer support, as described within the scope of services.</td>
<td>60</td>
<td>PER MONTH</td>
<td></td>
<td>X 12 =</td>
<td></td>
</tr>
</tbody>
</table>

**YEAR ONE (1) – GROUP 2 AMOUNT**

$ \[ \text{YEAR ONE (1) – SUBTOTAL AMOUNT (GROUP 1 + GROUP 2)} \]
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>ESTIMATED QTY.</th>
<th>UNIT OF MEASURE</th>
<th>UNIT PRICE</th>
<th>TOTAL PRICE</th>
<th>NO BID (√)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>(TBD) ADDITIONAL REQUESTED INSTALLATION SERVICES OF LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to install and calibrate all required leased flow meter equipment within the collection system as described within the scope of services.</td>
<td>1</td>
<td>EACH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>REMOVAL OF LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to remove leased flow meter equipment from designated site(s) identified by District as described within the scope of services.</td>
<td>2</td>
<td>EACH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>REINSTALLATION/RELOCATION OF REMOVED LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to reinstall/relocate previously removed leased flow meter equipment from designated site(s) identified by District as described within the scope of services.</td>
<td>2</td>
<td>EACH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>ANTENNAE REPLACEMENT – Cost to DISTRICT to replace and re-install damaged antennae(s)</td>
<td>5</td>
<td>AS NEEDED</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

YEAR TWO (2) – GROUP 1 AMOUNT $
## YEAR TWO (2) – CONTINUOUS FLOW METERING SERVICES

### GROUP 2

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>EST. QTY.</th>
<th>UOM</th>
<th>MONTHLY UNIT PRICE</th>
<th>DURATION (UNIT PRICE X 12 MONTHS)</th>
<th>TOTAL PRICE</th>
<th>NO BID</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>MONTHLY LEASED EQUIPMENT - Contractor shall provide all necessary leased equipment, which shall be inclusive of flow sensors, logging equipment, battery power supply, mounting brackets, cellular phone equipment, electrical cabling, and all related equipment, parts and software necessary to measure meter flow in a gravity sewer pipe and transmit the flow data to the Contractor's web server as described within the scope of services.</td>
<td>60</td>
<td>PER MONTH</td>
<td>X 12 =</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>(TBD) ADDITIONAL REQUESTED LEASED EQUIPMENT – Contractor shall provide all necessary leased equipment, which shall be inclusive of flow sensors, logging equipment, battery power supply, mounting brackets, cellular phone equipment, electrical cabling, and all related equipment, parts and software necessary to measure meter flow in a gravity sewer pipe and transmit the flow data to the Contractor's web server as described within the scope of services.</td>
<td>1</td>
<td>PER MONTH</td>
<td>X 12 =</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>MONTHLY CONTINUES FLOW METERING MONITORING SERVICE - Contractor shall provide all necessary supervision, labor, telemetry and software, necessary to operate and maintain flow metering equipment, provide warranty service, generate/monitor flow meter data reports, host flow meter data at secure website, and provide customer support, as described within the scope of services.</td>
<td>61</td>
<td>PER MONTH</td>
<td>X 12 =</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### YEAR TWO (2) – GROUP 2 AMOUNT

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### YEAR TWO (2) – SUBTOTAL AMOUNT (GROUP 1 + GROUP 2)

$
### YEAR THREE (3) – CONTINUOUS FLOW METERING SERVICES

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>ESTIMATED QTY.</th>
<th>UNIT OF MEASURE</th>
<th>UNIT PRICE</th>
<th>TOTAL PRICE</th>
<th>NO BID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>(TBD) ADDITIONAL REQUESTED INSTALLATION SERVICES OF LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to install and calibrate all required leased flow meter equipment within the collection system as described within the scope of services.</td>
<td>1</td>
<td>EACH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>REMOVAL OF LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to remove leased flow meter equipment from designated site(s) identified by District as described within the scope of services.</td>
<td>2</td>
<td>EACH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>REINSTALLATION/RELOCATION OF REMOVED LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to reinstall/relocate previously removed leased flow meter equipment from designated site(s) identified by District as described within the scope of services.</td>
<td>2</td>
<td>EACH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>ANTENNAE REPLACEMENT – Cost to DISTRICT to replace and re-install damaged antennae(s)</td>
<td>5</td>
<td>AS NEEDED</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**YEAR THREE (3) – GROUP 1 AMOUNT** $
## YEAR THREE (3) – CONTINUOUS FLOW METERING SERVICES
### GROUP 2

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>EST. QTY.</th>
<th>UOM</th>
<th>MONTHLY UNIT PRICE</th>
<th>DURATION (UNIT PRICE X 12 MONTHS)</th>
<th>TOTAL PRICE</th>
<th>NO BID</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>MONTHLY LEASED EQUIPMENT - Contractor shall provide all necessary leased equipment, which shall be inclusive of flow sensors, logging equipment, battery power supply, mounting brackets, cellular phone equipment, electrical cabling, and all related equipment, parts and software necessary to measure meter flow in a gravity sewer pipe and transmit the flow data to the Contractor’s web server as described within the scope of services.</td>
<td>61</td>
<td>PER MONTH</td>
<td>X 12 =</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>(TBD) ADDITIONAL REQUESTED LEASED EQUIPMENT – Contractor shall provide all necessary leased equipment, which shall be inclusive of flow sensors, logging equipment, battery power supply, mounting brackets, cellular phone equipment, electrical cabling, and all related equipment, parts and software necessary to measure meter flow in a gravity sewer pipe and transmit the flow data to the Contractor’s web server as described within the scope of services.</td>
<td>1</td>
<td>PER MONTH</td>
<td>X 12 =</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>MONTHLY CONTINUES FLOW METERING MONITORING SERVICE - Contractor shall provide all necessary supervision, labor, telemetry and software, necessary to operate and maintain flow metering equipment, provide warranty service, generate/monitor flow meter data reports, host flow meter data at secure website, and provide customer support, as described within the scope of services.</td>
<td>62</td>
<td>PER MONTH</td>
<td>X 12 =</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### YEAR THREE (3) – GROUP 2 AMOUNT

$-

### YEAR THREE (3) – SUBTOTAL AMOUNT (GROUP 1 + GROUP 2)

$-
### ADDENDUM 2
CONTINUOUS FLOW METERING
SOLICITATION NO. ITB-140032

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**EXHIBIT VI – BID FORM (PRICING SHEET)**
SOLICITATION NO.: ITB-140032

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**YEAR FOUR (4), OPTION YEAR ONE (1) – CONTINUOUS FLOW METERING SERVICES**

**GROUP 1**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>ESTIMATED QTY.</th>
<th>UNIT OF MEASURE</th>
<th>UNIT PRICE</th>
<th>TOTAL PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ADDITIONAL REQUESTED INSTALLATION SERVICES OF LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to install and calibrate all required leased flow meter equipment within the collection system as described within the scope of services.</td>
<td>1</td>
<td>EACH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>REMOVAL OF LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to remove leased flow meter equipment from designated site(s) identified by District as described within the scope of services.</td>
<td>2</td>
<td>EACH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>REINSTALLATION/RELOCATION OF REMOVED LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to reinstall/relocate previously removed leased flow meter equipment from designated site(s) identified by District as described within the scope of services.</td>
<td>2</td>
<td>EACH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>ANTENNAE REPLACEMENT – Cost to DISTRICT to replace and re-install damaged antennae(s)</td>
<td>5</td>
<td>AS NEEDED</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**YEAR FOUR (4), OPTION YEAR ONE (1) – GROUP 1 AMOUNT**

$
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>EST. QTY.</th>
<th>UOM</th>
<th>MONTHLY UNIT PRICE</th>
<th>DURATION (UNIT PRICE X 12 MONTHS)</th>
<th>TOTAL PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>MONTHLY LEASED EQUIPMENT - Contractor shall provide all necessary leased equipment, which shall be inclusive of flow sensors, logging equipment, battery power supply, mounting brackets, cellular phone equipment, electrical cabling, and all related equipment, parts and software necessary to measure meter flow in a gravity sewer pipe and transmit the flow data to the Contractor’s web server as described within the scope of services.</td>
<td>62</td>
<td>PER MONTH</td>
<td></td>
<td>X 12 =</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>(TBD) ADDITIONAL REQUESTED LEASED EQUIPMENT – Contractor shall provide all necessary leased equipment, which shall be inclusive of flow sensors, logging equipment, battery power supply, mounting brackets, cellular phone equipment, electrical cabling, and all related equipment, parts and software necessary to measure meter flow in a gravity sewer pipe and transmit the flow data to the Contractor’s web server as described within the scope of services.</td>
<td>1</td>
<td>PER MONTH</td>
<td></td>
<td>X 12 =</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>MONTHLY CONTINUES FLOW METERING MONITORING SERVICE - Contractor shall provide all necessary supervision, labor, telemetry and software, necessary to operate and maintain flow metering equipment, provide warranty service, generate/monitor flow meter data reports, host flow meter data at secure website, and provide customer support, as described within the scope of services.</td>
<td>63</td>
<td>PER MONTH</td>
<td></td>
<td>X 12 =</td>
<td></td>
</tr>
</tbody>
</table>

YEAR FOUR (4), OPTION YEAR ONE (1) – GROUP 2 AMOUNT

YEAR FOUR (4), OPTION YEAR ONE (1) – SUBTOTAL AMOUNT (GROUP 1 + GROUP 2)

$
## ADDENDUM 2
CONTINUOUS FLOW METERING
SOLICITATION NO. ITB-140032

### EXHIBIT VI – BID FORM (PRICING SHEET)
SOLICITATION NO.: ITB-140032

### YEAR FIVE (5), OPTION YEAR TWO (2) – CONTINUOUS FLOW METERING SERVICES

<table>
<thead>
<tr>
<th>GROUP 1</th>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>ESTIMATED QTY.</th>
<th>UNIT OF MEASURE</th>
<th>UNIT PRICE</th>
<th>TOTAL PRICE</th>
<th>NO BID (√)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>(TBD) ADDITIONAL REQUESTED INSTALLATION SERVICES OF LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to install and calibrate all required leased flow meter equipment within the collection system as described within the scope of services.</td>
<td>1</td>
<td>EACH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>REMOVAL OF LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to remove leased flow meter equipment from designated site(s) identified by District as described within the scope of services.</td>
<td>2</td>
<td>EACH</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>3</td>
<td>REINSTALLATION/RELOCATION OF REMOVED LEASED EQUIPMENT - Contractor shall provide all necessary supervision, labor, tools, transportation, insurance, licenses and permits necessary to reinstall/relocate previously removed leased flow meter equipment from designated site(s) identified by District as described within the scope of services.</td>
<td>2</td>
<td>EACH</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>4</td>
<td>ANTENNAE REPLACEMENT – Cost to DISTRICT to replace and re-install damaged antennae(s)</td>
<td>5</td>
<td>AS NEEDED</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### YEAR FIVE (5), OPTION YEAR TWO (2) – GROUP 1 AMOUNT

$
## EXHIBIT VI – BID FORM (PRICING SHEET)
SOLICITATION NO.: ITB-140032

### YEAR FIVE (5), OPTION YEAR TWO (2) – CONTINUOUS FLOW METERING SERVICES

#### GROUP 2

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>EST. QTY.</th>
<th>UOM</th>
<th>MONTHLY UNIT PRICE</th>
<th>DURATION (UNIT PRICE X 12 MONTHS)</th>
<th>TOTAL PRICE</th>
<th>NO BID</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>MONTHLY LEASED EQUIPMENT - Contractor shall provide all necessary leased</td>
<td>63</td>
<td>PER MONTH</td>
<td></td>
<td>X 12 =</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>equipment, which shall be inclusive of flow sensors, logging equipment,</td>
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<tr>
<td></td>
<td>battery power supply, mounting brackets, cellular phone equipment, electrical</td>
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<tr>
<td></td>
<td>cabling, and all related equipment, parts and software necessary to measure</td>
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<td></td>
<td>meter flow in a gravity sewer pipe and transmit the flow data to the</td>
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<tr>
<td></td>
<td>Contractor’s web server as described within the scope of services.</td>
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<tr>
<td>6</td>
<td>(TBD) ADDITIONAL REQUESTED LEASED EQUIPMENT – Contractor shall provide all</td>
<td>1</td>
<td>PER MONTH</td>
<td></td>
<td>X 12 =</td>
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<tr>
<td></td>
<td>necessary leased equipment, which shall be inclusive of flow sensors, logging</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>equipment, battery power supply, mounting brackets, cellular phone</td>
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<td></td>
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<tr>
<td></td>
<td>equipment, electrical cabling, and all related equipment, parts and</td>
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<tr>
<td></td>
<td>software necessary to measure meter flow in a gravity sewer pipe and transmit</td>
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<td></td>
<td>the flow data to the Contractor’s web server as described within the scope</td>
<td></td>
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<td></td>
<td>of services.</td>
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</tr>
<tr>
<td>7</td>
<td>MONTHLY CONTINUES FLOW METERING MONITORING SERVICE - Contractor shall</td>
<td>64</td>
<td>PER MONTH</td>
<td></td>
<td>X 12 =</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>provide all necessary supervision, labor, telemetry and software, necessary</td>
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<td></td>
<td>to operate and maintain flow metering equipment, provide warranty service,</td>
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<tr>
<td></td>
<td>generate/monitor flow meter data reports, host flow meter data at secure</td>
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</tr>
<tr>
<td></td>
<td>website, and provide customer support, as described within the scope of</td>
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</tr>
<tr>
<td></td>
<td>services.</td>
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<td></td>
</tr>
</tbody>
</table>

### YEAR FIVE (5), OPTION YEAR TWO (2) – GROUP 2 AMOUNT

$\$\

### YEAR FIVE (5), OPTION YEAR TWO (2) – SUBTOTAL AMOUNT (GROUP 1 + GROUP 2)

$\$
### EXHIBIT VI – BID FORM (PRICING SHEET)
SOLICITATION NO.: ITB-140032

<table>
<thead>
<tr>
<th>Year/Option</th>
<th>Subtotal Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year One (1)</td>
<td>$</td>
</tr>
<tr>
<td>Year Two (2)</td>
<td>$</td>
</tr>
<tr>
<td>Year Three (3)</td>
<td>$</td>
</tr>
<tr>
<td>Year Four (4), Option Year One (1)</td>
<td>$</td>
</tr>
<tr>
<td>Year Five (5), Option Year Two (2)</td>
<td>$</td>
</tr>
<tr>
<td><strong>Total Bid Amount</strong></td>
<td><strong>$</strong></td>
</tr>
</tbody>
</table>
PAGE INTENTIONALLY LEFT BLANK
ATTACHMENT “C” – RESERVED PERFORMANCE BOND
SOLICITATION NO.: ITB-140032
PERFORMANCE BOND

IMPORTANT: SURETY COMPANIES EXECUTING BONDS MUST BE LICENSED TO ISSUE SURETY BY THE STATE OF NEVADA INSURANCE DIVISION PURSUANT TO NEVADA REVISED STATUTE 683A AND ISSUED BY AN APPOINTED PRODUCER OF INSURANCE PURSUANT TO NEVADA REVISED STATUTE 683A. INDIVIDUAL SURETY BONDS ARE NOT ACCEPTABLE.

KNOW ALL MEN BY THESE PRESENTS,

That ______________________________________, as Principal Contractor, and ______________________________________, as Surety, are held and firmly bound unto CLARK COUNTY WATER RECLAMATION DISTRICT, hereinafter called DISTRICT, in the sum of dollars, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Contractor has been recommended for award and shall enter into CONTRACT with said DISTRICT to perform all work required under the Bidding Schedule(s) BID NO. __________________ of the DISTRICT’S specifications entitled Continuous Flow Metering.

NOW THEREFORE, if said Contractor shall perform all the requirements of said CONTRACT required to be performed on their part, at the times and in the manner specified therein, then this obligation shall be null and void, otherwise it shall remain in full force and effect.

PROVIDED, that any change order(s), alterations in the work to be done or the materials to be furnished, which may be made pursuant to the terms of said CONTRACT, shall not in any way release said Contractor or said Surety thereunder, nor shall any extensions of time granted under the provisions of said CONTRACT release either said Contractor or said Surety, and notice of such change order(s), alterations or extensions of CONTRACT is hereby waived by said Surety.

SIGNED this __________ day of __________, 20___

(SEAL AND NOTARIAL ACKNOWLEDGMENT OF SURETY)

(Principal Contractor)

(Authorized Representative and Title)

By: ________________________________

(Signature)

Surety: ________________________________

(Appointed Agent Name)

(State of Nevada, License Number)

By: ________________________________

(Signature)

(Appointed Agent Name)

(License Number and Issuing State)

By: ________________________________

(Signature)

(Appointed Agent Name)

Address: ________________________________

Address: ________________________________

Telephone: ________________________________

Telephone: ________________________________

ADDENDUM 2
CONTINUOUS FLOW METERING
SOLICITATION NO. ITB-140032

END OF ADDENDUM 2