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Meeting Date: September 25, 2019  
Staff Contact: H. Warren, Field Division manager

**TITLE: C-19-32 – Increase to Contract with Hoffman Southwest Corp. dba Professional Pipe Services for Small Diameter Sanitary Sewer Line Inspections**

**ACTION: Recommend Approval**

**SUMMARY:**

An increase to the purchase order (PO) with Hoffman Southwest Corp. for small diameter sanitary sewer line inspections is requested. The increase from \$315,300 to \$630,600 is to complete inspections for FY20. These sanitary sewer line inspections fulfill the Water Authority's Capacity Management Operations and Maintenance plan commitment to inspect 5% of its small diameter lines during FY20.

If approved by the Board, an amended PO will be issued by the Water Authority to enable Vendor to continue to provide small diameter sanitary sewer line inspections.

**FISCAL IMPACT:**

\$630,600 (excluding all taxes) and all amounts have already been appropriated in the FY20 budget. Any additional increase to the contract that exceeds 20% of the amounts previously approved shall require additional approval.

**SMALL DIAMETER SANITARY SEWER LINE INSPECTION**

**1. SCOPE OF WORK:**

The Albuquerque Bernalillo County Water Utility Authority (Water Authority or OWNER) desires to gain substantial information on the condition of its small diameter sewer lines. Therefore, the primary purpose of this contract is to conduct closed circuit television (CCTV) inspections for condition assessment of approximately 700,000 feet of lined and unlined concrete, asbestos cement (AC), and vitrified clay pipe (VCP) sanitary sewer lines ranging in size from 6 inches in diameter to 12 inches in diameter. The intent is to award two Phases of approximately 350,000 feet each. Due to funding cycles only Phase 1 will be bid and awarded. Phase 2 will be awarded by the mutual consent of the OWNER and the Contractor and will be at the bid prices. Phase 1 must be complete prior to June 30, 2019. Phase 2 must be completed prior to June 30, 2020. The Contract may be further extended by written agreement by the parties, as permitted by law.

The approximate line lengths by pipe size are indicated in the Bid Schedule. These lengths are based on GIS information and are anticipated to change as better information is field determined. The work is located throughout the Water Authority sanitary sewer system. Specific sanitary sewer CCTV location(s) will be defined in the Scope of Work provided to the Contractor. At the mandatory Pre-Bid Conference, a contractually non-binding map will be provided that identifies the lines anticipated to be issued to the Contractor; however, it is anticipated that some lines will be added or deleted in the work orders provided to the Contractor.

The WORK to be performed under this contract consists of furnishing all labor, equipment, tools, materials, supplies, hardware, software, services, and performance of all work required for the fulfillment of the Contract in accordance with the Contract Documents. Any materials and services not specifically stated in the Contract Documents, which may prove necessary to complete the WORK, shall be provided by the Contractor and will be considered incidental with no additional payment made by the Water Authority. Such items include but are not necessarily limited to:

- A.** Review and compile available data on the sanitary sewer system provided by the Water Authority.
- B.** Plan and schedule all CCTV activities each week.
- C.** Perform field reconnaissance for location and access to appropriate manholes.
- D.** Communicate and coordinate with the public in an effective, efficient, and professional manner.
- E.** Immediately report any urgent maintenance actions to the Water Authority.

- F.** Development of traffic control plans, to include but not limited to:
1. Provision of truck mounted beacons and arrow boards
  2. Advance warning signs
  3. Vertical panels
  4. Cones delineating the work area
  5. Trailer mounted arrow boards
- G.** Fully, and at all times, coordinate the schedule of work with Water Authority staff in advance, providing information as to when and where the Contractor or its Subcontractors will be in the sanitary sewer system.
- H.** Perform CCTV condition assessments of the Water Authority sanitary sewer collection system.
- I.** Report any deficiencies or defects found in the sanitary sewer system.
- J.** Perform all required quality assurance/quality control (QA/QC).
- K.** Submit reports and other documentation of the WORK.
- L.** Perform other work as required by the Contract Documents.
- M.** Inspection and documentation:
- a. Shall be in accordance with the National Association of Sewer Service Companies Pipeline Assessment Certification Program (NASSCO PACP), version 6.
  - b. The Water Authority has transitioned to Maximo as its Computerized Maintenance Management System (CMMS) and to ITpipes software by Infrastructure Technologies as the CCTV software. As described below:
    - i. The Water Authority will create and provide inspectIT work orders.
    - ii. The contractor will populate the work orders and upload the resulting data to the Maximo CMMS and the ITpipes repository.
  - c. Inspection and documentation is required to utilize ITpipes software by Infrastructure Technologies. The Water Authority's experience indicates that the required data upload will be much quicker and more successful if ITpipes software is utilized.
  - d. If there is a conflict between PACP and these Water Authority specifications, the Water Authority specifications shall have precedence.

**2. MANDATORY PRE-BID CONFERENCE:**

A mandatory Pre-Bid Conference will be held on Thursday, August 23, 2018, 9:00 AM to 10:00 AM local time in West Training Room, Southside Water Reclamation Plant, 4201 Second St. SW. Attendance at the Pre-Bid Conference for this project is **mandatory** to qualify to submit a Bid for this project.

**3. QUALIFICATION REQUIREMENTS:** All Contractors submitting bids on the project are required to meet the Water Authority Bidder Qualification Requirements for this project. **Previous pre-qualification by the Water Authority will not be considered as meeting this requirement.** Water Authority Purchasing Administrator, Candida Kelcourse, will review the bids submitted and contact the two apparent Lowest Bidders. The two apparent Lowest Bidders shall submit the following required documentation no later than 5:00 p.m. (local time) four (4) working days after notification by the Water Authority. All required documentation shall be delivered to Water Authority Purchasing Administrator, Candida Kelcourse at:

ABCWUA  
Attn: Candida Kelcourse  
One Civic Plaza NW  
Room 5027  
Albuquerque, NM 87102

**Failure to comply with this requirement may render the bid nonresponsive and the bid may be rejected at the Water Authority's discretion.**

**A. Cover Letter**

Information must include the name of a responsible individual that the Water Authority may contact for additional information if needed. The cover letter must be included with Bidder Qualification Form.

**B. Contractor Experience**

The importance of this project to the Water Authority requires a highly trained contractor with extensive experience performing work of both the same nature and technical level. Company experience listed shall have been performed by the Contractor's own crews and not be work subcontracted by another firm. Experience must be on comparable projects that were completed no more than five (5) years prior to the date on which bids will be received. References shall be submitted for a minimum of three (3) projects. The referenced projects must contain a minimum of 250 miles (total for the referenced projects) of small diameter (12" diameter and smaller) sanitary sewer main inspection. References must include a contact person name, telephone number, project name and total cost, and the specific work done.

**C. Personnel Experience**

The names and resumes for the proposed project manager and project superintendent shall be presented to the Water Authority. This information shall include a list of all sanitary sewer inspection projects that the proposed project manager and project superintendent successfully completed within the last five (5) years to demonstrate their ability to perform small diameter sanitary sewer inspection. Resumes must be included with Bidder Qualification Form.

**D. Work Sample**

A DVD demonstrating the quality of their work on 4-6", 8", and 10-12" sewers shall be submitted with the Bidder Qualification Form. The samples may be of different sewers and shall be of CCTV inspection for sewers of 4-12" diameter.

## **E. Certification**

1. The National Association of Sewer Service Companies Pipeline Assessment Certification Program (NASSCO PACP). This pipeline condition rating system includes five standard levels of pipeline structural defect coding.
2. The Project Manager for the Contractor must possess NASSCO PACP certification at the time of bid and submit a copy of PACP certification with the Bidder Qualification Form. Each Operator performing CCTV inspections shall be certified in PACP and a photocopy of the certification shall be submitted to the Water Authority as part of the Bidder Qualification Form.
3. Prior to starting the Work, the Awarded Contractor's project team members shall attend training from Infrastructure Technologies on the use of ITpipes software. Each CCTV Operator shall be trained and pass a test prior to commencing any inspections. The Contractor shall assume a minimum of one eight-hour day of on-line training and a half day of testing at the Infrastructure Technologies Albuquerque office. All costs associated with this training shall be the responsibility of the Contractor and incidental to the Work.

## **4. INSPECTION PRIORITIES:**

After Award of the Contract, the Contractor will submit a schedule of work. The Water Authority desires that the Contractor schedule and sequence the work in a highly efficient manner. The inspections from this project are required to meet commitments made to the Environment Protection Agency ("EPA") by the Water Authority.

### **A. Initial Submittal and Approval**

Upon award of the Contract, the Contractor shall perform one (1) day of inspection, for which payment will be made at bid prices, and submit the Contract-required digital data to the Water Authority. The Water Authority will then validate and process the digital data into its CMMS. The Contractor will be notified if changes are required in data formatting. Upon approval of the formatting of this initial data, the Contractor will be authorized to proceed with full scale inspections. Each CCTV truck utilized by the Contractor will be subject to this requirement for initial submittal and approval.

### **B. Work Hour Limitations**

The Contractor shall be prepared to conduct all operations between the hours of 7:00 am and 10:00 pm unless instructed otherwise by the Water Authority. The Contractor may be required to limit hours of work to non-peak traffic hours on busy arterial roadways if required by the Water Authority. No extra pay shall be made by the Water Authority for limiting the Contractor work hours.

## **5. TRAFFIC CONTROL:**

- A. The Contractor shall obtain a Barricade Permit for all work. Contact the Construction Coordinator, Construction Services Division, City of Albuquerque Department of Municipal Development, at 505-924-3400 for further information. The Contractor shall submit a traffic control plan to the Construction Services Division at least five working days prior to the commencement of work within the City of Albuquerque municipal

limits for residential streets and one (1) week prior for arterials. Traffic control plans shall be developed in accordance with the Manual on Uniform Traffic Control Devices for Streets and Highways, 2003 Edition. Night time work will meet the requirements of Section 4B. The Contractor will be responsible for compliance with this policy. If the work is located within the unincorporated area of Bernalillo County, the Contractor shall submit a traffic control plan to the Bernalillo County Traffic Control Manager and obtain permits for work within the County (contact David Hall at 505-848-1542, e-mail to: dhall@bernco.gov).

- B. The Contractor shall be responsible for providing all necessary labor, materials, tools, and equipment, including, but not limited to, all advance warning signs, barricades, flagmen, arrow panel boards, and reflective barrels necessary to perform the work in accordance with all permits, the City Traffic Control Manual, and the Manual on Uniform Traffic Control Devices (MUTCD). This includes but is not limited to site cleanup, replacement and resetting of devices moved, damaged, stolen, or otherwise taken from the site; coordination with agencies, residents, and others necessary to achieve required traffic control. Traffic control signs and barricades shall be removed when no work is being performed.
- C. It is anticipated that many inspections will be accomplished without additional traffic control beyond that required under the requirements incidental to the inspection pay item. Supplemental traffic control is expected at intersections and other locations. The Water Authority will provide supplemental traffic control through its on-call contract and pay all permitting fees associated therewith directly to the City of Albuquerque and/or Bernalillo County.

#### **6. PRIVATE PROPERTY EASEMENTS:**

For any sewer lines that pass through private property easements, it is the responsibility of the Contractor to coordinate with the property owner for construction on these pipe segments and to minimize the disruption of the property owner's legitimate activities.

#### **7. BYPASS PUMPING AND FLOW CONTROL:**

- A. Bypass pumping operations and other forms of Contractor provided flow control should not be required except as approved by the Water Authority, in which case a change order shall be negotiated.
- B. Should Bypass pumping operations prove necessary and be approved by the Water Authority, the operations shall be performed as follows:
  - 1. The Contractor shall provide in writing, a bypass pumping plan, the sequence of construction and a list of all piping, pumps, plugs, etc., for review and approval by the Water Authority. The Contractor shall be responsible for all required bulkheads, pumping, equipment, piping, etc. to accomplish the sequence of construction.
  - 2. All piping(s), joints and accessories shall be designed to withstand at least twice the maximum system, pressure, or a minimum of 50 psi, whichever is greater. During bypass pumping, no sewage shall be leaked, dumped, or spilled in or onto, any area outside of the existing sanitary sewer system. When bypass pumping operations are complete all piping shall be drained into the sanitary sewer prior to disassembly.

## **8. STUCK MANHOLES:**

- A. The Contractor shall make a good faith effort to open "stuck" manholes. If the Contractor cannot open a "stuck" manhole, the Contractor shall notify the Water Authority. The Water Authority shall open the "stuck" manhole as soon as their work schedule allows. Time spent by the Contractor attempting to open a "stuck" manhole and returning to the site to conduct televising after the manhole is opened by the Water Authority is considered incidental to the bid item for sewer line televising. The Contractor shall incorporate into the bid item for sewer line televising the costs to meet this requirement.
- B. If the Contractor breaks a manhole cover, manhole ring, or otherwise damages a manhole while attempting to open a "stuck" manhole, it shall be the Water Authority's responsibility to repair this damage. The Contractor will not be charged for repair of the damaged manhole. However, the Contractor is required to leave the damaged manhole in a safe condition and to immediately notify the Water Authority (by calling Dispatch at 842-9287) of the damaged manhole so the Water Authority can repair it in a timely manner.

## **9. SEWAGE SPILLAGE OVERFLOWS (SSO):**

- A. **Disallowable Discharges** are defined by the New Mexico Environment Department as, "[a]ny amount of any material in such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property; or may unreasonably interfere with the public welfare or the use of property must be reported. This includes chemical, bio hazardous, petroleum-product, and sewage spills and incidents. In addition to recent spills, the discovery of evidence of previous unauthorized discharges, such as contaminated soil or ground water, also must be reported."

### **B. Notification of Disallowable Discharges and SSO**

The Contractor shall notify the Water Authority Collections Section and the Water Authority Project Manager immediately both verbally and by E-mail after learning of any construction related **SSO** event. The Water Authority is responsible for submitting a report in no less than 12 hours. Based on information provided by the Contractor, the Water Authority Project Manager or designee will prepare and submit the report. In the event that the SSO occurs during non-standard working hours, the Contractor shall contact the Standby Supervisor for preparation and submittal of the 12-hour SSO Notification. The Standby Supervisor can be identified by contacting Dispatch (842-WATR, i.e. 842-9287) and stating the reason for the call. The Contractor will also provide a written report within 24 hours of the occurrence. At a minimum, the written report shall include the following information:

1. Contractor name, contact representative, and phone number;
2. Time, date, address or exact location for the incident;
3. Source and cause of the release or spill along with a detailed description of incident including any observed environmental impacts;
4. Types of material(s) released or spilled;



5. Quantity of materials released or spilled, including quantity contained, quantity uncontained;
6. Methods used for containment;
7. Medium (e.g. land, water) affected by release or spill;
8. Danger or threat posed by the release or spill;
9. Number and types of injuries or fatalities (if any);
10. Weather conditions at the incident location;
11. Name of the carrier or vessel, vehicle number/railcar, pipeline, or other identifying information;
12. Whether an evacuation has occurred or was needed;
13. Other agencies notified or about to be notified;
14. Any other information that may help emergency personnel respond to the incident;
15. Any known future remediation that will be required as a result.

**C. Immediate Action Required**

If sewage is spilled onto public or private property,

1. That SSO shall immediately be contained and cleanup operations shall commence. The Contractor shall wash down, clean up, and disinfect the spillage at its own expense to the satisfaction of the property owner. Cleanup of sewage spills and notification shall be incidental to the inspection item.
2. The Contractor shall immediately stop work, contain the SSO and cleanup operations shall commence.
3. The Contractor shall wash down, clean up, and disinfect the spillage at its own expense to the satisfaction of the property owner.

**D. Failure to Comply**

1. In the event Contractor's failure to comply with any portion of this section results in fines and/or penalties being assessed to the Water Authority as a result of the SSO, the Contractor shall reimburse the Water Authority for total costs associated with payment of such fines and/or penalties.
2. The Contractor shall indemnify, defend and hold harmless the Water Authority and its officials, agents and employees from and against any and all claims, actions, suits or proceedings of any kind brought against said parties for or on account of any matter arising out of or resulting from any fines and/or penalties issued to the Water Authority as a result of any SSO related events resulting from the Contractor's construction activities.



## **10. GIS/MAP CORRECTIONS:**

Field conditions are expected to differ at times from those in the Water Authority's GIS and maps. Where discrepancies are noted, the Contractor's CCTV Operator shall sketch the actual conditions on a map and provide this sketch to the Water Authority. Also, Contractor shall populate the GIS Update field in ITpipes. GIS/Map Corrections shall be incidental to the inspection item.

## **11. STANDARD SPECIFICATIONS:**

The **City of Albuquerque Standard Specifications for Public Works Construction**, 1986 Edition, General Conditions and Technical Specifications, as updated and amended, are incorporated by reference, the same as if fully written herein and shall govern this Project, except where revised, updated or supplemented by the Supplemental Special Provisions, Special Provisions and/or the Supplemental Technical Specifications. The **City of Albuquerque Standard Specifications for Public Works Construction**, 1986 Edition, through the most recent update (Update 9), may be viewed on and printed from the City's web page at:

<https://www.cabq.gov/planning/development-review-services/design-review-construction-forms>

## **12. INCORPORATION OF SUPPLEMENTAL GENERAL CONDITIONS:**

The following Supplemental General Conditions are incorporated to the most recent update of the General Conditions of the **City of Albuquerque Standard Specifications for Public Works Construction**, 1986 Edition:

### **A. Section 1, Definitions and Terms**

#### **1. Section 1.2. Abbreviations:**

##### **a. Revise the following abbreviation:**

1. **CIP** – delete “cast-iron pipe” and replace it with “complete in place”.

##### **b. Delete the following abbreviations:**

1. **NMSHD** – New Mexico State Highway Department
2. **NMSHTD** – New Mexico State Highway and Transportation Department

##### **c. Add the following abbreviations:**

1. **ABCWUA** – Albuquerque Bernalillo County Water Utility Authority
2. **NMDOT** – New Mexico Department Of Transportation

#### **2. Section 1.4. Definitions:**

##### **a. Revise the following definitions:**

1. **Debarment** – third line, change “that” to “than”
2. **Modification** – last sentence, change “my” to “may”
3. **Owner** – change City of Albuquerque to Albuquerque Bernalillo County Water Utility Authority

b. Add the following definitions:

1. **Architect** – This term shall be used interchangeably with "Engineer" throughout the Contract Documents.
2. **Punch List** – a list of items to be completed or corrected following Engineer's issuance of Substantial Completion.

**B. Section 3, Correlation, Interpretation, and Intent of Contract Documents**

**1. Section 3.2:**

Delete the third sentence of this subsection and replace it with the following:

“In resolving such conflicts, errors and discrepancies, the documents shall be given precedence in the following order: Agreement, Modifications, Addenda, Supplemental Special Provisions, Special Provisions, Bid Proposal, Advertisement for Bids, Instructions to Bidders, Supplemental General Conditions, General Conditions, Supplemental Technical Specifications, Specifications, Drawings and Standard Drawings.”

**C. Section 5, Bonds and Insurance**

**1. 5.2.1, General Conditions:**

Add the following sentence to the end of the first full paragraph ending with the word "time."

"Policies of insurance shall be procured for all insurance required in this Section 5 and coverage limits of such policies of insurance shall not be reduced or replaced in part or in whole by self-insurance, including self-insurance retention amounts."

**2. 5.2.3.1:**

a. Delete "comprehensive" on line 3.

b. Add the following sentence to the end of the section:

“Albuquerque Bernalillo County Water Utility Authority and the Architect/Engineer shall be named additional insureds on the Commercial General Liability insurance coverage.”

**3. 5.2.6.2:**

Revise the last sentence to read as follows:

"The deductible for the flood and earthquake coverage shall not be greater than twenty percent (20%) of the insurable value of the work, and in no event shall the deductible be more than Twenty-Five Thousand Dollars (\$25,000.00)."

**D. Section 6, Contractor's Responsibilities:**

**1. 6.1.2:**

Delete "that" and replace with "who" on line 3.

**2. 6.3, Substitute Materials or Equipment:**

Delete "accept" and replace with "be solely responsible for payment of" on line 23.

**3. 6.11.2:**

Add the following sentence to line 18 after the sentence ending with the words "construction work":

“Contractor shall comply with 29 CFR Part 1926, Subpart P, Department of Labor Occupational Safety and Health Administration, Occupational Safety and Health Standards - Excavations, Final Rule, and all amendments thereto, whenever the Contractor is performing excavation activities.”

**E. Section 11, Change of Contract Price:**

**1. 11.4.5.3.1:**

Delete from the last sentence:

“published by Equipment Guide Book Co., Palo Alto, California)” and replace it with “available at [www.ironmax.com](http://www.ironmax.com)).”

**2. 11.4.5.3.2:**

Delete from the third line the words:

“to be used”.

**F. Section 12, Change of the Contract Time:**

Add a new subsection 12.4, to read as follows:

**“12.4 Early Completion.**

Contractor is entitled to complete the Work early, but in the event that the Owner, other contractors or other individuals or entities cause a delay in Contractor’s performance that does not cause the Contractor to exceed the allocated contract completion time, Contractor shall not be entitled to additional compensation.”

**G. Section 13, Warranty and Guarantee; Tests and Inspections; Correction, Removal or Acceptance of Defective Work:**

**1. 13.1.2:**

Delete from the end of the first sentence the words:

(“including but not limited to existing retainage held by Owner in accordance with Section 14 of these General Conditions”), and substitute a period for the preceding comma.

**2. 13.7, One Year Correction Period:**

Add to the end:

“Nothing herein shall be construed as limiting the warranty and guarantee provisions pursuant to Section 13.1 herein.”

#### **H. Section 14, Payments to Contractors and Completion:**

**1. 14.2.1:**

Delete the last two words (“less retainage”) and substitute a period for the preceding comma.

**2. 14.2.2:**

Delete this section in its entirety.

**3. 14.4.3.7:**

Add a new subsection 14.4.3.7 to read as follows:

“14.4.3.7 of contractor’s failure to submit progress schedules.”

**4. 14.9.2:**

a. Revise so that the second sentence reads:

“If Bonds have been furnished as required in paragraph 5.1, the written consent of the Surety to the payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by Contractor to Engineer with Contractor’s request for such payment.”

b. Delete from the second sentence the following words:

“If the remaining balance to be held by Owner for Work not fully completed or corrected is less than the retainage stipulated in the Agreement, and”

**5. 14.13:**

Add a new Section 14.13 to read as follows:

**“14.13. Electronic Payments.**

All payments made pursuant to this contract shall be made by direct deposit to Contractor’s account. Contractor shall submit, with his executed contract documents, all documentation required by the Owner to allow the Owner to make payments by this mechanism.”

#### **I. Section 15, Suspension of Work and Termination:**

Add a new Subsection 15.2.4 to read as follows:

“15.2.4 In the event that Owner terminates the contract pursuant to this Section 15.2 and an arbitrator determines that the Owner was not justified in terminating the Contract pursuant to Section 15.2.2, the termination shall then be deemed to be a termination for convenience pursuant to Section 15.4 and Contractor’s remedies are solely those contained in Section 15.4.”

#### **J. Section 16, Dispute Resolution:**

**1. 16.1, Arbitration:**

Delete from lines 25 through 27 the following words:

"award attorneys' fees and other costs in their discretion, and shall have the power to"

**16.4, Arbitration Provision Required:**

Delete the second sentence (lines 6 through 11).

**13. INSPECTION:**

**A. General**

1. The work consists of furnishing all labor, materials, accessories, equipment, tools, transportation, services and technical competence to perform all operations required to professionally execute the internal inspection of sewers in strict accordance with this specification, subject to the terms and conditions of the contract.
2. Information concerning depths of flow, manhole depths, air quality in the sewers, accessibility of manholes, traffic conditions, and other safety considerations are to be the sole responsibility of the Contractor. The Contractor shall also obtain and incorporate the necessary provisions into the overall contract price to complete the specified work under the conditions existing in the sewers to be inspected.
3. Lines shall be inspected in their existing condition. The Contractor shall be responsible for having the necessary camera skids, floats, and rafts available to allow for inspection of these lines in a manner acceptable to the Water Authority under live flow conditions.
4. All work shall comply with applicable building codes and environmental requirements
  - a. Water Authority, city, state, and national codes as a minimum or the requirements of these documents if more stringent than codes.
  - b. Water Authority, city, state, and national environmental requirements.

**B. Pre-Examination and Field Quality Control**

1. The Contractor shall visually inspect both upstream and downstream manholes prior to starting condition assessment on a segment of sanitary sewer. Any flow monitoring or other devices that are observed shall be brought to the attention of the OWNER prior to starting work on that segment.
2. The Contractor shall record the depth of the manhole (distance between the manhole lid and the floor). This accuracy shall be made to the nearest inch.
3. The Contractor shall record the global positioning system (GPS) horizontal coordinates of each manhole center. The GPS receiver shall be capable of obtaining a minus 1 meter accuracy for the horizontal coordinates.
4. The Contractor shall measure the inside diameter of each pipe connecting to the manholes and record the measurement to the nearest inch.

### **C. Access to Sewer Lines and Manholes**

1. Legal access to all manholes shall be provided by the Water Authority. Proper ingress and egress from off road locations shall be secured by the Contractor. Locating manholes is the responsibility of the Contractor.
2. When it is necessary to expose manholes in unpaved areas or under asphalt pavement, the Contractor shall expose the manholes in order to have access for the sewer cleaning. Manhole exposure less than one (1) inch deep in asphalt pavement or less than twelve (12) inches deep in unpaved areas shall be considered incidental to the line item bid cost for sewer main cleaning on this project. The Contractor shall notify the Water Authority of any manholes thus exposed. For manholes that do not conform to the above criteria, the Contractor shall immediately contact Angelo Baca by E-mail at [arbaca@abcwua.org](mailto:arbaca@abcwua.org) with the following information:
  - a. manhole number
  - b. lateral number
  - c. station and/or address
  - d. action required
3. The Water Authority shall expose all manholes not conforming to the criteria outlined above.

### **D. Damage to Public and Private Property**

1. The Contractor shall abide by all practices set forth in Section 6.11 of the General Conditions.
2. Satisfactory precautions shall be taken to protect the sewer line, particularly the potentially corroded pipe crown, sidewalls and manholes from damage that might be inflicted by the improper use of equipment. The Contractor shall immediately notify the Water Authority if fresh soil, pieces of pipe, or other visible signs of potential problems occur during the inspection operation.
3. Precautions shall be taken to insure that the inspection processes do not cause any damage due to flooding of public or private property being served by the sewer section(s) involved. Any damage done to public or private property by the Contractor shall be repaired to the satisfaction of the Water Authority and/or the property owner by the Contractor at no additional cost to the Water Authority.
4. The Contractor is alerted that care must be taken to not damage equipment and/or conduits that may be in manholes or pipes. The Contractor is alerted that the Water Authority installs temporary monitoring and sampling devices in the sewer system and the Contractor shall not disturb these devices and may need to reschedule inspection of a particular line until the monitoring/sampling effort is completed. Monitoring/sampling equipment will be typically removed no more than a week after installation. In addition, the Contractor is notified that some fiber optic lines are in the sewer lines and manholes. These fiber optics lines are in conduit and are not anticipated to be an obstacle to inspecting the lines.

#### **E. Waste and Debris Disposal**

1. This Contract is for the purpose of inspection and removal of waste and debris is not required nor anticipated. However, in the event the Contractor determines it necessary to remove waste or debris in the process of inspection, the Contractor shall remove and properly dispose of all debris removed from sanitary sewer pipelines and manholes. Passing debris from one section of sanitary sewer pipeline to the next section shall not be acceptable.
2. The Contractor shall load removed debris into an enclosed, sealed container for temporary storage and transport to the final point of debris disposal. The storage/hauling containers shall be acceptable for use in this application by local and state approval and permitting agencies. The containers must be sealed to prevent any debris loss, spillage, or dripping.
3. Do not accumulate debris, liquid waste, or sludge on the work site except in totally enclosed containers approved by the OWNER and approval/permitting agencies.
4. **UNDER NO CIRCUMSTANCE SHALL SEWAGE OR SOLIDS REMOVED FROM THE DOWNSTREAM MANHOLES BE DISCHARGED ONTO STREETS OR INTO DITCHES, CATCH BASINS, STORM DRAINS, OR SANITARY SEWER MANHOLES, CLEANOUTS, OR DUMPS.**
5. The Contractor shall dispose of the debris removed from the sanitary sewers in a lawful manner and shall obtain all permits and pay all associated costs associated with this work. Debris may be disposed at the Owner's Soils Amendment Facility (SAF) located near Double Eagle Airport if it passes a paint filter test and the Owner determines that the debris is suitable for disposal at the SAF. CONTRACTOR shall be responsible for all debris loading, unloading, intermediate handling, reloading, and transportation to the point of disposal. There will be no charges by the OWNER for disposal of accepted debris at the SAF. The OWNER will be responsible for spreading dried debris disposed at the SAF after it is dumped. The CONTRACTOR is notified that the SAF may have limited hours in which material may be hauled to the site. Should the material not pass the paint filter test, or is unsuitable for disposal at the SAF, the CONTRACTOR shall find a disposal location that is acceptable to the ENGINEER and OWNER.
6. All costs associated with collection, temporary storage, transport, and disposal of debris shall be incidental to the cleaning of sanitary sewer manholes and pipelines.

#### **F. Cleaning**

1. Pipe cleaning operations are as described below. Cleaning is not a part of this project except as required to allow for CCTV inspection.
2. All cleaning activities shall be performed by experienced personnel. All cleaning shall be done from the downstream manhole unless otherwise authorized by the Water Authority.



3. Equipment:
  - a. The Contractor shall select the cleaning equipment and methods based on the condition in the sanitary sewer pipelines at the time work begins. More than one method or type of equipment may be required on a single segment of pipeline.
  - b. When requested by the OWNER, the Contractor shall demonstrate the performance capabilities of cleaning equipment and methods proposed for use. If results obtained by demonstration are not satisfactory, the Contractor shall provide other equipment that will clean the sewer pipelines and manholes.
  - c. For high-velocity cleaning, the Contractor shall use a water jet capable of producing a minimum volume of 50 gallons per minute (gpm) with a pressure of 1500 pounds per square inch (psi) at the pump discharge. A pressure gauge shall be installed on the pump discharge to allow observation of the actual pressure.
  - d. When hydraulic or high-velocity cleaning equipment is used, it is required that the vacuum chute be in the downstream manhole to remove all debris loosened in the pipe cleaning operation. Additionally, the Contractor may install a suitable sand trap, weir, dam or suction device in the downstream manhole so that debris is trapped for removal.
4. Normal Cleaning operations may include the following:
  - a. Initial manhole wall washing with high pressure water.
  - b. Repair of manholes damaged by the Contractor during cleaning.
  - c. Collection, removal, temporary work site storage, transportation, and legal disposal of debris, liquid wastes, and any other materials removed from the sanitary sewer system during cleaning regardless of the quantity of material.
  - d. Use of variable pressure water nozzles (up to 3,000 psig), rods and snakes, or owner approved hand winching devices.
5. Heavy Cleaning operations include the following:
  - a. Utilization of mechanical cleaning equipment such as, very high pressure water nozzles (up to 10,000 psig), surcharging, buckets, scrapers, scooters, porcupines, heavy duty brushes, rods, hand winching devices, root saws, sewer balls, metal pigs, kites, gas or electric propelled devices, or owner approved power winching machines.
  - b. Mechanical cleaning is limited to locations approved by the OWNER on a case-by-case basis after normal cleaning methods have failed to produce satisfactory results, as determined by viewing video of the normally cleaned pipeline.
6. The Contractor shall take precautions to protect sanitary sewer manholes and pipelines from damage that might occur by improper selection and use of cleaning equipment. When using hydraulically-propelled devices, take precautions to ensure that the water pressure created does not cause damage to or flooding of public or private property. Do not surcharge any sanitary sewer to an elevation that could cause overflow of sewage including backup into laterals.

7. Where possible, use the flow of wastewater present in the sanitary sewer pipeline to provide the fluid for hydraulic cleaning.
8. The Contractor shall operate high-velocity cleaning equipment so that the pressurized nozzle moves continuously. Turn-off or reduce the flow to the nozzle to prevent damage to the pipeline any time the nozzle becomes stationary.

#### **G. Water Use**

1. The Contractor shall be responsible for obtaining any required clean water for use in the inspection operations. The Contractor shall be responsible for all costs associated with obtaining clean water.
2. As specified herein, the Contractor shall use an approved reduced pressure backflow prevention device for any connections to the OWNER's potable water system or any other area potable water system.
3. The Contractor shall use a fire hydrant water meter obtained from the OWNER's Customer Service Division for withdrawal of water from the OWNER's potable or non-potable water systems. See [http://www.abcwua.org/Fire\\_Hydrant\\_Permit.aspx](http://www.abcwua.org/Fire_Hydrant_Permit.aspx) for further information.
4. The Contractor shall instruct its employees in the proper operation of fire hydrants when used to obtain potable water. All valves shall be very slowly opened and closed so as not to create water surges in the potable water system piping.
5. Conserve water. Do not waste water from the potable water system through improperly made connections (leaks), hydrants left open, or any other cause.
6. Do not use or obstruct fire hydrants when there is a fire in the area. Remove water meters, fittings, and piping from fire hydrants at the end of each working day.

#### **H. Television Inspection Requirements**

1. The CCTV camera(s) shall be specifically designed and constructed for sewer main inspection and shall be intrinsically safe, consisting of a self-contained color camera, 12-inch minimum monitoring unit, power sources, recorder, and other equipment. The camera and television monitor shall produce a minimum of 400 vertical lines of resolution and 460 horizontal lines of resolution. The camera itself shall have a minimum of 3-lux illumination sensitivity.
2. The CCTV camera(s) shall be mounted on a skid, floatable raft system, or transporter/crawler, based upon the conditions of the pipe to be televised. The camera and mounting system shall be capable of televising 6-inch through 12-inch sanitary sewer pipe in 100 percent humidity conditions.
3. The CCTV camera(s) shall be a pan/tilt and rotating head camera capable of providing a full view of the inside of all connections and any pipe defects. Recording shall be in color and shall have the best quality possible. The image shall be in focus at all times. The recording shall be done with adequate lighting to provide a clear view of the entire periphery of the sewer including any defects while keeping glare to a minimum. The image shall not be obscured by "fog" in the sewer. If any submitted recording has unacceptable focus, lighting, sound, data, imaging, or

interferences the sewer shall be re-inspected at the Contractor's expense.

The CCTV camera(s) shall pause for a sufficient length of time to adequately document and provide accurate distance measurements of all the defects in the pipe and the connections observed in the sewer. The camera shall rotate and look directly at each defect, and look into each connection to thoroughly document the conditions and determine if the connection is in service. In the same manner, the Contractor shall identify all sewer connections at each manhole including the manholes at the beginning and end of setup and all intermediate manholes. The Contractor shall capture photos of all observations noted on the inspection report.

4. The CCTV camera(s) shall be moved through the sewer, from upstream to downstream, at a uniform rate of not more than 35 feet per minute, achieving no less than 450 feet per hour. Distance of sewer between adjacent manholes shall be measured and recorded. The distance measurements shall be made from the centerline of the manhole that the camera is traveling from and shall be accurate to within 2 feet for every 1,000 feet inspected. If more than one manhole reach is inspected in a single run, the footage counter shall be reset to zero at the center of all the intermediate manholes.
5. If, during CCTV inspection, the television camera will not pass through the entire sewer main section, the Contractor shall set up his equipment at the downstream manhole and attempt to inspect the section of the pipe from the opposite direction. If the camera fails to pass through the entire section, it shall be assumed that an obstruction exists. Efforts to televise the section of pipeline shall be temporarily suspended and the Contractor shall notify the Water Authority. If the Water Authority agrees the inspection cannot be completed, the Contractor shall submit the completed inspection and payment shall be made for the inspected footage.
6. The equipment and skill of the operators shall be capable of providing a continuous clear recorded and viewed picture of the entire length of the sewer main under all normally expected pipe atmospheric conditions and flow conditions. The Contractor shall have adequate cabling and wiring equipment to perform CCTV inspection of sewer interceptor mains up to a length of 1,600 feet without causing degradation of recorded and viewed picture quality.
7. Televising shall provide a clear, definitive recorded and viewed TV picture. The recording shall not contain intervals of more than 20 seconds when the camera is stationary. When the tape is stopped due to obstructions or equipment malfunction and then restarted, the TV operator shall state the length of time or delay and the reason for the delay. The importance of accurate distance measurement is emphasized. The remote reading footage counter shall be accurate to +/- 0.2 percent over the length of the section being inspected. Each pipe segment shall be defined as one manhole to manhole run, and pipe lengths shall be defined as the intervening distance between the centers of manholes along a line parallel to the pipe invert. Accuracy of the distance meter shall be checked by use of a walking meter, roll-a-tape, or other suitable device and the accuracy shall be satisfactory to the Water Authority.

8. The Water Authority desires to inspect the entire corroded upper pipe surface along with a portion of the non-corroded sidewall for comparison purposes and to verify that the entire corroded surface has been examined. If the water level is too high to successfully examine the corroded upper surface or for all the CCTV equipment to move within a segment, the Contractor shall move on to the next segment and immediately inform the Water Authority.
9. All equipment and all Contractor operations shall be conducted at a low noise level suitable for night time CCTV inspection in residential areas.
10. The Contractor may inspect through existing manholes.

**14. REPORTING:**

**A. Electronic Data Storage**

The Water Authority will load the Maximo work orders on a Contractor provided hard drive and return to the Contractor. The Contractor will then perform the inspections and upload the inspections to the Water Authority's Network via hard wire connection. Prior to downloading or uploading, ABCWUA-IT will verify current and adequate antivirus on the Contractor's PC equipment. The Contractor will provide a 50 ft Category 5 cable (for each CCTV unit) for this process. Successful upload of the inspections to the Water Authority's Network shall complete the required transfer of CCTV related data and a separate transfer via DVD, etc. shall not be required. The Contractor is required to keep, until final acceptance and close-out of the project, a backup of all work completed.

**B. Submittal Frequency**

The Contractor shall make weekly uploads of completed inspections. On a monthly basis, a digital Excel log book with index will be submitted with the invoice requesting payment for the completed work, but a monthly resubmittal of the digital data will not be required.

**C. Video Format and Contents**

1. Videos shall be prepared and submitted in H.264 formatted .mp4 with a resolution of 640 X 480. Data shall be encoded onto video as enabled within ITpipes software.
2. At the beginning of each inspection run, the general information of the inspection shall be displayed in the following format:
  - a. Date of the recording
  - b. Time of the recording
  - c. Name of the Contractor performing the CCTV inspection
  - d. Map page
  - e. Direction of inspection (upstream or downstream)
  - f. Pipe type or liner material
  - g. Pipe diameter
  - h. Length of reach to be televised

- i. Manhole number from which the camera is traveling
  - j. Manhole number to which the camera is traveling
- 3. In addition, each recording shall continuously display the following information:
  - a. Zone Atlas Page
  - b. Number of the manhole from which the camera is traveling
  - c. Number of the manhole to which the camera is traveling
  - d. Date of recording
  - e. Pipe diameter
  - f. Pipe type/material
  - g. Footage (continuously updated as indicated below)
- 4. The information shall be displayed at the lower left hand corner of the image in accordance with the following format:
  - a. Zone Atlas Page
  - b. Manhole No. \_\_\_\_\_ to Manhole No. \_\_\_\_\_
  - c. Pipe Size and Type/Material \_\_\_\_\_
  - d. Date \_\_\_\_\_
  - e. Footage \_\_\_\_\_
- 5. In the event that Contractor observes pipe conditions which are subject to imminent collapse, the Contractor shall alert the ABCWUA the next morning. Imminent collapse is defined as a PACP code of SMW, BSV, BVV, HSV, or HVV. The Contractor shall immediately alert Dispatch (842-WATR; 842-9287) in the event a collapse (PACP rating of XP) is encountered.

**D. Audio Requirements**

The recording shall include an audio portion describing the condition of the sewer with the video image. The audio portion shall be in English and be sufficiently free of background noise to produce an oral report that is clear and easily discernible. At the beginning of each inspection run, the audio shall identify the Contractor name, date, time, street location, quarter section, pipe size, pipe type/material, direction of inspection (upstream or downstream), and the manhole numbers at the beginning and end of each run. The audio shall note the location and condition of the pipe defects, including all cracks, breaks, cracked or misaligned joints, root intrusion, infiltration, missing pieces of pipe, corrosion, deposits, obstructions, dips in the pipe which cause the camera to go underwater, and any other items which reflect the condition of the sewer line. The audio shall also note the location of the connections to the nearest foot, clock positions of the connections, condition of connections, and whether the connection is in service.

#### **E. Digital Recording**

Continuous digital recordings of the inspection view as it appears on the monitor shall be stored. Unless directed otherwise by the Project Manager, the recording shall be H.264 formatted .mp4. H.264 video compression is the standard format for streaming video over web browsers. It provides high quality video with reduced file sizes. The inspection image files (pictures) shall have the ability to be exported to Industry Standard Formats, including JPEG, BMP, and TIFF formats, and shall be transferable to an external personal computer, however, the need to transfer is not anticipated. The operator shall pause the digital recording at any time there is a delay in the inspection. The pause shall in no way affect, freeze or interrupt the replay of the video and shall not close the video file during the inspection. The data shall be time coded using the elapsed time from the video file. The naming of the associated picture or video files shall be automated and shall match the Water Authority's inspectIT template settings for video/media file naming.

### **15. MEASUREMENT AND PAYMENT**

#### **A. CCTV Inspection**

Payment shall be full compensation for all labor, materials, and equipment for all CCTV inspections specified in the Contract Documents. This includes the required documentation of completed work. This includes the GPS coordinates per Specification 13.B.3. This includes project management and meetings. Measurement for televising shall be the intervening distance between the centers of manholes along a line parallel to the pipe invert, paid per linear foot.

#### **B. Normal Cleaning**

For this contract, the purpose of cleaning sanitary sewers is to allow for condition assessment of the upper half of the pipelines by allowing CCTV equipment to successfully pass through the pipeline from one manhole to another while videoing the condition of the upper half of the pipeline. Full cleaning of all debris from the pipeline is not required as part of this contract. Normal cleaning will be considered incidental to the CCTV operations.

#### **C. Heavy Cleaning**

Payment for heavy cleaning will be made when a minimum of two passes of incidental high velocity normal cleaning is not sufficient to remove roots or heavy debris to allow CCTV inspection. Heavy cleaning will require the Water Authority to inspect the site condition and approve payment prior to commencement of cleaning work. Measurement for heavy cleaning shall be the intervening distance between the centers of manholes along a line parallel to the pipe invert, paid per linear foot.

### **Mobilization and Demobilization**

Payments for Mobilization and Demobilization will be made according to the following schedule:

1. 25% of bid item upon completion of 0 - 5% of WORK
2. 50% of bid item upon completion of 5 - 10% of WORK
3. 75% of bid item upon completion of > 90% of WORK
4. 90% of bid item upon completion of 95 - 100% of WORK
5. Remainder of bid item upon completion of 100% of WORK

Separate lump sum payments shall be made for Phase 1 and, if awarded, Phase 2.

## **16. PAYMENTS TO CONTRACTOR AND COMPLETION**

### **A. Schedule**

At least ten (10) days prior to the first Application for Payment, Contractor shall submit to the Water Authority a progress schedule. This schedule shall be satisfactory in form and substance to the Water Authority.

### **B. Application for Progress Payment**

Payment to Contractor will be made from Water Authority funds as follows:

1. Progress payments will be made monthly, commencing upon receipt of the order to commence work (Notice to Proceed). After each such Application for Payment has been approved by the Water Authority, the Water Authority will make payment to the Contractor in the amount of each such Application for Payment.
2. If the Water Authority fails to make a particular progress payment to Contractor as specified herein, such a failure shall not be held to violate or void this contract and no interest or penalty payment shall be owing to Contractor on such progress payment.



**SMALL DIAMETER SANITARY SEWER LINE INSPECTION**  
**BID ITEMS**

<b><u>Item No.</u></b>	<b><u>Activity Description</u></b>	<b><u>Quantity</u></b>	<b><u>Unit</u></b>	<b><u>Total Cost</u></b>
1.	Mobilization / Demobilization (Section 15.D)	1	LS	_____
2.	CCTV Inspection (Section 15A)	350,000	LF	_____
3.	Heavy Cleaning (Section 15.C)	35,000	LF	_____
<b><u>TOTAL BID PRICE</u></b>				_____

Notes

LS = Lump Sum.

LF = Linear Feet.

Large Diameter Sewers are not included in this contract.

Unit Prices to include all necessary travel time, mileage, vehicles, lodging, applicable taxes, and per diem allowances.

No separate payment will be made for costs associated with bid preparation.

## **BIDDER QUALIFICATION FORM**

**Project Name: Small Diameter Sanitary Sewer Line Inspection**

**Project No. B2019000003**

Water Authority Purchasing Administrator, Candida Kelcourse, will review the bids submitted and contact the two apparent Lowest Bidders. The two apparent Lowest Bidders shall submit the completed Bidder Qualification Form and other required documentation (as set forth in Section 3 of the Specifications) **no later than 5:00 p.m. (local time) four (4) working days after the bid closing date.** All required documentation shall be delivered to Purchasing Administrator, Candida Kelcourse at **the address below**. Failure to comply with this requirement may render the bid nonresponsive and the bid may be rejected at the Water Authority's discretion.

Questions regarding this solicitation shall be directed to Water Authority Purchasing Administrator, Candida Kelcourse, whose contact information is as follows:

Albuquerque Bernalillo County Water Utility Authority  
ATTN: Candida Kelcourse, Purchasing Administrator  
One Civic Plaza, NW  
Room 5027  
Albuquerque, NM 87102  
Office: (505) 289-3227  
Fax: (505) 289-3249  
Email: [ckelcourse@abcwua.org](mailto:ckelcourse@abcwua.org)

### **COMPANY INFORMATION**

1. Provide the name and address of the Contractor to perform the CCTV video inspection.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. How many years has this organization been in business as a Contractor or Subcontractor under the present business name? \_\_\_\_\_ years
3. Provide the name of field Superintendent proposed for this project.  
\_\_\_\_\_
4. List the Contractor's proposed project manager and field superintendent's experience. Information shall include at least three (3) successfully completed projects within the last five (5) years that meet the superintendent qualifications specified in Section 3.C. The proposed superintendent must have been superintendent for the three (3) listed projects. Use additional sheets if necessary. Resumes must be included with this Bidder Qualification Form.

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**REFERENCED PROJECT 1 (Refer to Section 3.B.)**

Project Name: \_\_\_\_\_

a. Location of Project: \_\_\_\_\_

b. Dates of work: \_\_\_\_\_

c. Project Owner's Name: \_\_\_\_\_

d. Contact Name, Address, and Phone No.:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

e. Superintendent's Name: \_\_\_\_\_

f. PACP Certification Date: \_\_\_\_\_

g. Equipment Used: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

h. Experience with ITpipes software (Y/N) \_\_\_\_\_

i. Footage of small diameter sewer main video collected: \_\_\_\_\_

j. Cleaning performed: (Y/N) \_\_\_\_\_

k. Pavements cut to expose manholes: (AC, Concrete, Soil) \_\_\_\_\_

l. Were there any sewer spillages / overflow occurrences? Describe:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

m. Project Cost: \_\_\_\_\_

**REFERENCED PROJECT 2 (Refer to Section 3.B.)**

Project Name: \_\_\_\_\_

a. Location of Project: \_\_\_\_\_

b. Dates of work: \_\_\_\_\_

c. Project Owner's Name: \_\_\_\_\_

d. Contact Name, Address, and Phone No.:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

e. Superintendent's Name: \_\_\_\_\_

f. PACP Certification Date: \_\_\_\_\_

g. Equipment Used: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

h. Experience with ITpipes software (Y/N) \_\_\_\_\_

i. Footage of small diameter sewer main video collected: \_\_\_\_\_

j. Cleaning performed: (Y/N) \_\_\_\_\_

k. Pavements cut to expose manholes: (AC, Concrete, Soil) \_\_\_\_\_

l. Were there any sewer spillages / overflow occurrences?

Describe: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

m. Project Cost: \_\_\_\_\_

**REFERENCED PROJECT 3 (Refer to Section 3.B.)**

Project Name: \_\_\_\_\_

a. Location of Project: \_\_\_\_\_

b. Dates of work: \_\_\_\_\_

c. Project Owner's Name: \_\_\_\_\_

d. Contact Name, Address, and Phone No.: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

e. Superintendent's Name: \_\_\_\_\_

f. PACP Certification Date: \_\_\_\_\_

g. Equipment Used: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

h. Experience with ITpipes software (Y/N) \_\_\_\_\_

i. Footage of small diameter sewer main video collected: \_\_\_\_\_

j. Cleaning performed: (Y/N) \_\_\_\_\_

k. Pavements cut to expose manholes: (AC, Concrete, Soil) \_\_\_\_\_

l. Were there any sewer spillages / overflow occurrences? Describe: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

m. Project Cost: \_\_\_\_\_

This Bidder Qualification Form is hereby respectfully submitted by:

Name of Bidder (Company): \_\_\_\_\_

By: \_\_\_\_\_  
(Signature) Date

Printed Name: \_\_\_\_\_

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**BIDDER QUALIFICATION FORM  
CHECK LIST**

- \_\_\_\_\_ Cover Letter (Refer to Section 3.A)
  
  - \_\_\_\_\_ Contractor Experience (Refer to Section 3.B)
  
  - \_\_\_\_\_ Personnel Experience (Refer to Section 3.C)
  
  - \_\_\_\_\_ Work Sample DVD (Refer to Section 3.D)
  
  - \_\_\_\_\_ Certification (Refer to Section 3.E.1 to 3)
  
  - \_\_\_\_\_ Referenced Project #1
  
  - \_\_\_\_\_ Referenced Project #2
  
  - \_\_\_\_\_ Referenced Project #3
-



ABCWUA  
Albuquerque Bernalillo County  
Water Utility Authority  
1 Civic Plaza NW  
Room 5027  
Albuquerque, NM 87102

LINE ITEM LUMP SUM VIEW of Abstract of Responses for Request for Quotation <a href="#">#B2019000003</a> <b>SORTED BY VENDOR</b>			
NIGP Nbr: <b>96292</b>		Short Desc: <b>Mobilization / Demobilization (Section 15.D)</b>	
Contract Start Date		Solicitation Line Items: <b>3</b>	Requisition Nbr
<b>Mon Oct 01 2018 00:00:00</b>		Sorted by Line Item Amount View	<b>R2019000014</b>
Estimated Price: <b>0</b>			

ITM	Qty/ UOM	NIGP/ Descr	Vendor Prices				
			<a href="#">JP MAINLINE P00000114654</a>	<a href="#">HOFFMAN SOUTHWE P00000111231</a>	<a href="#">PIPELINE VIDEO P00000114682</a>	<a href="#">ACE PIPE CLEAN P00000099929</a>	
1	1 EA	96292 <a href="#">Mobilization / Demobiliza</a>	\$2000.00 (\$2000.00)	\$3800.00 (\$3800.00)	\$10000.00 (\$10000.00)	\$16000.00 (\$16000.00)	
2	350000 LF	96292 <a href="#">CCTV Inspection (Section</a>	\$0.70 (\$245000.00)	\$0.80 (\$280000.00)	\$0.80 (\$280000.00)	\$1.50 (\$525000.00)	
3	35000 LF	96292 <a href="#">Heavy Cleaning (Section 1</a>	\$0.70 (\$24500.00)	\$0.90 (\$31500.00)	\$1.30 (\$45500.00)	\$1.50 (\$52500.00)	
000	0	<a href="#">N/A</a>	N/A	N/A	N/A	N/A	N/A (N/A)

[Document Status Report](#)
[Sorted by Line Item Amount View](#)
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- agency\_buyer\_AbstractLS\_ByVndrView (revised: 2012.10.19) - Machine: sc107p-rh70\_ProdAppV7b IP: 52.9.174.53 DB:QUASAR Wed, 12 Sep 2018

Agency ID: A00000000054 Dept ID: AGENCY User ID: cakelcourse



Albuquerque Bernalillo County  
Water Utility Authority

PO Box 568  
Albuquerque, NM 87103-0568  
505-289-3100  
www.abcwua.org

**Chair**

Trudy E. Jones  
City of Albuquerque  
Councilor, District 8

**Vice Chair**

Debbie O'Malley  
County of Bernalillo  
Commissioner, District 1

Pat Davis  
City of Albuquerque  
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Klarissa J. Peña  
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Commissioner, District 4

**Ex-Officio Member**  
Pablo R. Rael  
Village of Los Ranchos  
Board Trustee

**Executive Director**  
Mark S. Sanchez

**Website**  
www.abcwua.org

October 4, 2018

**Hoffman Southwest Corp., dba Professional Pipe Services** is the lowest responsive bidder for B2019000003, Small Diameter Sanitary Sewer Line Inspection.

A line item abstract is attached for your review. As no preferences were applied for, there is not a preference worksheet to review.

All Pro Sewer and Dain was not the apparent low bidder and was notified of being non-responsive based on noncompliance with an electronic submittal of the bid as required in Section 11.1 of the Request for Bids General Instructions, Terms and Conditions.

JP Mainline LLC was notified of being non-responsive based on noncompliance with meeting the minimum required contractor experience in Section 3.B of the bid specifications.

If the bid result is acceptable, please sign in the appropriate place and return the document to me.

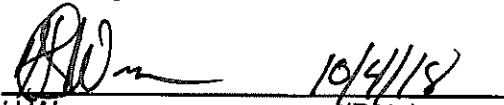
Respectfully,


Andrea Chandler

APPROVED:

  
Kevin Lukow, (Date) 10/4/18  
Research Analyst, Field

  
Mark Holstad, (Date) 10/4/18  
Chief Engineer, Field-Collections

  
H Warren, (Date) 10/4/18  
Field/Plant Division Manager

  
John M. Stomp, (Date) 10/8/18  
Chief Operating Officer

cc: B2019000003



LINE ITEM LUMP SUM VIEW of Abstract of Responses for Request for Quotation #B2019000003 <b>SORTED BY VENDOR</b>			
NIGP Nbr: 96292	Short Desc: Mobilization / Demobilization (Section 15.D)		
Contract Start Date	Solicitation Line Items: 3	Requisition Nbr	
Mon Oct 01 2018 00:00:00	Sorted by Line Item Amount View	Back	R2019000014
Estimated Price: 0			

				Vendor Prices			
ITM	Qty/ UOM	NIGP/ Descr	JP MAINLINE P00000114654	HOFFMAN SOUTHWEST P00000111231	PIPELINE VIDEO P00000114682	ACE PIPE CLEAN P00000099929	
1	1 EA	96292 Mobilization / Demobiliza	\$2000.00 (\$2000.00)	\$3800.00 (\$3800.00)	\$10000.00 (\$10000.00)	\$16000.00 (\$16000.00)	
2	350000 LF	96292 CCTV Inspection (Section 1)	\$0.70 (\$245000.00)	\$0.80 (\$280000.00)	\$0.80 (\$280000.00)	\$1.50 (\$525000.00)	
3	35000 LF	96292 Heavy Cleaning (Section 1)	\$0.70 (\$24500.00)	\$0.90 (\$31500.00)	\$1.30 (\$45500.00)	\$1.50 (\$52500.00)	
000	0	N/A	N/A	N/A	N/A	N/A	N/A (N/A)

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