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**FEBRUARY 1, 2019**

**CONTRACT NO. 1695A**

**HEAVY CLEANING, CCTV INSPECTIONS  
ROOT REMOVAL, AND POINT LINING**

**ADDENDUM NO. 1**

All Bidders bidding on **Contract No. 1695A** shall read and take note of this **Addendum No. 1**. The Contract Documents for the **Contract No. 1695A – Heavy Cleaning, CCTV Inspection, Root Removal, and Point Lining** are hereby revised and/or clarified according to the attached Addendum No. 1.

**Acknowledgment of Contract No. 1695A - Addendum No. 1.**

The Acknowledgment attached to Addendum No. 1 is to be signed and returned upon receipt via email or fax to the ALCOSAN Contract Clerk, Sean Robertson at [sean.robertson@alcosan.org](mailto:sean.robertson@alcosan.org) or fax number (412) 734-8716. Acknowledgement of this Addendum No. 1 is also to be included with the Bidder's Proposal.

**Jan M. Oliver**  
**Director, Regional Conveyance**

**FEBRUARY 1, 2019**

**CONTRACT NO. 1695A**

**HEAVY CLEANING, CCTV INSPECTIONS  
ROOT REMOVAL, AND POINT LINING**

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**ACKNOWLEDGMENT OF CONTRACT 1695A ADDENDUM NO. 1**

This Acknowledgement is to be signed and returned upon receipt via email or fax to the ALCOSAN Contract Clerk, Sean Robertson at [sean.robertson@alcosan.org](mailto:sean.robertson@alcosan.org) or fax number (412) 734-8716. Acknowledgement of this Addendum No. 1 is also to be included with the Bid Documents.

**FIRM NAME:**\_\_\_\_\_

**SIGNATURE:**\_\_\_\_\_

**TITLE:**\_\_\_\_\_

**DATE:**\_\_\_\_\_

**FEBRUARY 1, 2019**

**CONTRACT NO. 1695A**

**HEAVY CLEANING, CCTV INSPECTIONS  
ROOT REMOVAL, AND POINT LINING**

**ADDENDUM NO. 1**

**INDEX OF ATTACHMENTS**

Attachment A	Pre-Bid Meeting Minutes	(6 pages)
Attachment B	Pre-Bid Meeting Sign-In Sheet	(1 page)
Attachment C	Pre-Bid Meeting Agenda	(7 pages)
Attachment D	Document Changes	(1 page)



# MEETING MINUTES

## Pre-Bid for Contract No. 1695A Heavy Cleaning, CCTV Inspection, Root Removal, and Point Lining

**LOCATION:** O&M Building, Room 106

**DATE:** Tuesday, January 29, 2019

**TIME:** 10:00 - 11:00 AM

**ALCOSAN REPRESENTATIVES:** Shawn McWilliams, Elizabeth Bowers

*\*Refer to the attached Sign-In sheet for a complete meeting attendance list.*

## MEETING MINUTES

### INTRODUCTIONS AND KICKOFF

Representatives in attendance introduced themselves.

Shawn McWilliams noted that the Pre-Bid meeting **IS NOT** mandatory. Attendees were reminded to clearly sign the attendance sheet to ensure that their attendance is documented.

Attendees were advised to make sure they thoroughly review all sections of the bidding documents before submitting their respective bids.

### MBE/WBE GOALS

Elizabeth Bowers gave an overview of ALCOSAN MBE/WBE goals (10-25% of project value must be M/WBE).

Refer to Article 1, Pages 1-17 to 1-21 and to Article 2, Section 2.28. Failure to provide DBE information is cause for rejection of the Contractor's bid.

ALCOSAN does not certify companies for MBE/WBE qualifications. Firms are not permitted to self-certify themselves as an MBE/WBE company. Contractors can use Port Authority, PENNDOT or PA Unified Certification Program to find DBE firms. Certification through an out-of-state government agency will be acceptable. ALCOSAN will be checking certifications provided.

ALCOSAN requires the submittal of a monthly MBE/WBE Utilization Report, which will accompany each pay estimate. The report should provide proof that M/WBE firms were paid for services provided.

Elizabeth Bowers reminded MBE/WBE Prime contractors that they should still seek participation in other services as possible.

For any questions on MBE/WBE requirements please contact Ray Meyer at [raymond.meyer@alcosan.org](mailto:raymond.meyer@alcosan.org)

### SYSTEM OPERATIONS

Shawn McWilliams stated that the contractor is required to immediately notify ALCOSAN if the work causes an overflow, either from a municipal or ALCOSAN system. ALCOSAN will then contact the PADEP, ACHD, and respective municipality. Should a fine be levied by the Regulatory Agencies on ALCOSAN, the contractor will be responsible for paying the fine.

## CONTRACT SUMMARY

Contract 1695A is a 540 calendar day contract to perform sewer inspections, cleaning and rehabilitation as needed and assigned in the ALCOSAN and surrounding municipal systems. Part of the work will focus on inspecting remaining uninspected sewers and structures in the Regionalization Implementation basins. The Contract also aims to address defects and conditions observed in the Regionalization CCTV Inspection contracts. Municipalities have been tasked with addressing some of these conditions through defect reports. Bid pricing and quantities will be made available to municipalities to address said sewer conditions, should they elect to utilize them.

ALCOSAN will act as the project Owner will perform the overall contract administration. This includes coordinating with municipalities to arrange contingent work for the Contractor to complete. ALCOSAN will handle payment to the Contractor and will be the sole holder of Bonds. The Contractor may have to coordinate with municipalities in person for onsite arrangements.

A planned quantity of pipe inspection, manhole inspection and manhole GPS locating is detailed and included in the Appendices A and B. *Mandatory preparatory cleaning for pipe inspection is not applicable to this contract; it will be used as needed and directed by ALCOSAN.* Contingent items are provided to help perform this work. Municipalities may also elect to perform work based on bid unit prices, which would be paid using the appropriate contingent bid items.

Two planned internal point repairs are included as Bid Item No. G.2, with information included in Appendix C. This item will be paid per EACH repair and is inclusive of all items required to complete the work, including bypass pumping, preparatory cleaning and pre-repair CCTV inspection. Post-repair CCTV inspection will be payable under the appropriate contingent bid item.

General Work identified in Appendices A-C must be completed within *one-hundred and eighty (180) days* from the Notice to Proceed.

There are 25 contingent items in the Contract. Please review the contingent item and quantity language in the Measurement and Payment specification Section 01025 and Article 2, Sections 2.4 and 2.17

The Contract estimate is \$2,500,000.00.

## CONSTRUCTION INSPECTION

ALCOSAN will have onsite resident representatives assigned to review and monitor the work. Any work proposed outside of normal working hours as defined in Article 3.75 Working Hours requires 48-hours' notice for approval to allow for personnel scheduling.

## LEGAL NOTICE

Public bid opening is **Wednesday, February 13, 2019 at 11:00 AM EST**. If the contractor is using a delivery service such as Fed Ex or UPS, they may wish to confirm that delivery was made prior to this time.

Contract Documents can be obtained from the Contract Clerks on the O&M Building 2<sup>nd</sup> floor for a non-refundable cost of \$100.00. Questions about obtaining Bid Documents should be addressed to Angel Allen at [angel.allen@alcosan.org](mailto:angel.allen@alcosan.org) or by phone at (412) 732-8049.

Technical questions must be emailed to [shawn.mcwilliams@alcosan.org](mailto:shawn.mcwilliams@alcosan.org) or faxed to 412-734-6209 by the deadline to be answered by Addendum.

Deadline for questions is **2:00 pm EST on Monday, February 4, 2019.**

## BIDDING DOCUMENTS (ARTICLE 1)

Bidders should thoroughly review Article 1.

Submission of Bid: All Article 1 documents must be completed and submitted with the bid.

Lowest responsive Bidder will be based on the sum of Bid Items G.1 through C.16.

Only the Article 1 Bid Forms and supporting documents need to be submitted in the bid envelope, not the entire specifications book.

The intent is to award this contract at the February 2019 Board Meeting and issue a Notice to Proceed for late March to early April.

## **INFORMATION FOR BIDDERS (ARTICLE 2)**

Bidders should thoroughly review Article 2.

If any alleged errors are noted in the Contract Documents, Bidder should immediately notify Shawn McWilliams and, if confirmed, Addenda will be issued to all prospective Bidders known to have received the Contract Documents.

### **2.3 Location and Description of Work:**

ALCOSAN Regional Conveyance System and surrounding municipal stakeholder sewer systems. More details for the scope of work are listed in Article 6 Specification Section 01010 Summary of Work.

### **2.4 Description of Bid Items:**

#### General Work

Bid Item No. G.1 includes costs for mobilization/demobilization along with insurance, bonds, permits and other incidental overhead costs associated with completing the Contract. The total value of this item is not to exceed 8% of the total Bid Price.

Bid Item No. G.2 is to complete the two trenchless internal repairs or approved equal as described in the bid documents. These repairs should include any physical entry, as necessary, along with any bypass-pumping, cleaning, pre-repair inspection, and other incidentals detailed.

Bid Items XXX.1 include CCTV internal pipe inspections for each POC sewershed, including a quantity of the Saw Mill Run interceptor.

Bid Items XXX.2 include Manhole and Junction GPS locating.

Bid Items XXX.3 include Manhole depth and pipe confirmation inspections.

Bid Items XXX.4 include Sonar and Multi-Sensor CCTV/Sonar inspection of pipes identified.

Contingent Bid Items are to be used complete programmed and non-programmed work assigned to the Contractor.

### **2.5 Bypass Pumping:**

Pumping operations should conform to Specification Section 02080 and not cause backups or discharges from the sanitary sewer system.

### **2.6 Debris Disposal:** Disposal manifests will be provided by ALCOSAN. A separate account will be required for billing to the Contractor. The use of any landfill facility not listed in this section requires ALCOSAN preapproval.

- 2.7 Sealed Bids to be submitted to ALCOSAN Engineering Department on or before Bid Opening time and date of **Wednesday, February 13, 2019 at 11:00 AM EST**. Late bids will be treated as “nonresponsive” and returned to Bidder unopened. If the Bid is submitted with conditions or exceptions, or not in conformance with the terms and conditions of the Contract Documents, it may be rejected.
- 2.8 Supplementary Information Package (SIP): Experience, Equipment, and Subcontractors.
- SIP is to be submitted at the request of the OWNER and prior to Contract award, SIP should be submitted to the Authority within 5 days of bid submission when requested.
- 2.10 ALCOSAN reserves the right to reject any and all bids.
- 2.11 Contract Documents can be purchased from the ALCOSAN Engineering Clerks Office.
- 2.17 Quantities:
- Language per Article 2 Section 2.17 and Article 6 Section 01025 Measurement and Payment 1.03 E (3)
- “Contingent items of Work shall be done when ordered in the field and shall be paid for at the contract unit bid price. The purpose of the contracts items designated in the bid form as “C” is to establish unit prices for work not included in other bid items. The Engineer has the right to order that contingent work be provided in smaller or larger quantities than the estimated quantity indicated in the Bid Form. **The Contractor shall not have any right to demand payment for, and will not be paid for, any costs associated with the item, including, but not limited to overhead and profit, due to the fact that the item was not used in the work or was used in smaller or larger quantities than those indicated in the bid form. The Contract Sum shall be subject to adjustment according to final measured quantities and the unit prices in the bid will apply to such final quantities.**”*
- 2.19 The Acknowledgment attached to Addenda are to be signed and returned immediately via fax to the Engineering Department, attention to Sean Robertson, at 412-734-8716 or via E-Mail to [sean.robertson@alcosan.org](mailto:sean.robertson@alcosan.org) and included with the Bidder’s Proposal. Bidders are only required to submit one acknowledgement per company.
- 2.22 Bid Security 10% of the Total Lump Sum Price certified check or bid bond.
- Attachment A: Contractor shall execute the Labor Stabilization Agreement and Letter of Assent prior to commencing work.

### GENERAL CONTRACT CONDITIONS (ARTICLE 3)

Bidders should thoroughly review Article 3.

- 3.73 ALCOSAN’s Safety Department requires a review of the Contractor’s Site Specific Health and Safety Plan prior to the commencement of work.
- 3.75 Working Hours: Any work performed outside normal working hours as defined in Article 3.75 will require prior approval and 48-hours’ notice. Normal working hours are defined as Mon-Fri 7AM-5PM. Bidders should review the holiday schedule.

Exhibit A – Insurance Requirements: All applicable insurance coverages and certificates are required to be completed prior to commencement of work and to be maintained during the duration of the project. Municipalities must be included as additional insured on general insurance coverages.

Railroad Protective Liability (RRP) insurance will be required, as needed, and should be accounted for in the bid for programmed General Work. RRP coverage required for municipal contingent work will be accounted for on a case-by-case basis to complete work.

#### **CONTRACT AGREEMENT (ARTICLE 4)**

Bidders should thoroughly review Article 4.

Substantial Completion Milestone of Contract 1695A is **540** calendar days from NTP.

Liquidated Damages: \$500 per day

#### **BONDS, CERTIFICATES AND STATEMENTS (ARTICLE 5)**

Bidders should thoroughly review Article 5.

Performance Bond, Labor and Material Bond, Contractors Certificate of Satisfaction, Maintenance Bond, Railroad Protection Liability Insurance (if required).

#### **SPECIFICATIONS (ARTICLE 6)**

Bidders should thoroughly review Article 6.

There are 17 specification sections in the bid documents. Bidders should follow the general sequence of work outlined in Section 01010 - Summary of Work, unless directed otherwise by ALCOSAN.

#### **PREVAILING WAGES (ARTICLE 7)**

Prevailing Wage rates are not applicable to this Contract.

#### **APPENDICES (included on media disk)**

APPENDIX A contains data tables for the programmed items included in the General Work.

APPENDIX B contains mapping for the programmed items included in the General Work.

APPENDIX C contains site and pipe information for the Trenchless Internal Point Repair included in the General Work.

#### **DISCUSSION: QUESTIONS AND ANSWERS**

1. **Question:** Is the 30% of cross-sectional pipe diameter water level applicable to this contract.  
**Answer:** Yes, the 30% requirement is applicable for CCTV internal pipe inspections.
2. **Question:** If debris is encountered during an inspection, will it have to be removed to complete the inspection or will the inspection stop and payment only be made for the inspected footage? When will decisions be made?  
**Answer:** ALCOSAN will have an onsite representative to monitor the work and help make decisions in a timely manner. The decision to clean or abandon inspections will have to be made on a case-by-case basis. Regardless, the Contractor will be paid for the work completed in accordance with the specifications.
3. **Question:** Will cofferdams be required and considered incidental to the work?  
**Answer:** Cofferdams are not expected for completion of the work. Cleaning of outfall pipes will not be required and whatever inspection footage can be completed will be accepted.
4. **Question:** Can municipalities choose to not use Contract 1695A? Will Bidders be required to provide separate bonding to municipalities that utilize the bid items to complete work?  
**Answer:** Municipalities do not have to use this contract. Bidders will only have to issue bonds to ALCOSAN as the project owner, but municipalities will have to be included as Additional Insureds. Insurance will be required as specified in Article 3A. Bidders should refer to subsection (a) beginning on page 3A-3 of the documents.



5. **Question:** Can the Contractor turn down work requested by a municipality?  
**Answer:** ALCOSAN will coordinate with municipalities to plan contingent work. ALCOSAN will then coordinate with the Contractor to perform that work after agreeance is achieved. Contractors are expected to honor bid pricing for defined work items.
6. **Question:** What will be the role of ALCOSAN CM?  
**Answer:** ALCOSAN's representative will be responsible for general QA/QC, note taking, pay item tracking and communicating field conditions. They will not be responsible running the job or directing the Contractor.
7. **Question:** Is Traffic Control considered incidental?  
**Answer:** Traffic control contingent items are included for flagging, arrow board and off-duty police to complete work, as needed. Basic traffic control items such as cones, signs and barrels are considered incidental, as described in the bid item descriptions.
8. **Question:** What happens when the quantity of work performed exceeds the bid quantity in Article 1?  
**Answer:** The Contractor will be paid for the work completed at the bid unit pricing. Work may be increased or diminished throughout the course of the Contract.
9. **Question:** Are bidders required to use Union labor on the job?  
**Answer:** The bidder awarded the Contract is required to execute the Labor and Stabilization Agreement and follow the requirements to use Union trades for applicable work. The work in this Contract may not align well with the building trades.
10. **Question:** If heavy cleaning and root cutting are performed at a site, is root cutting price an add-on to the heavy cleaning price?  
**Answer:** The carbide cutter price (C.3) is not an add-on to the heavy cleaning price (C.4.a). Both the carbide cutter and heavy cleaning items have a PER HOUR unit. The items will be tracked separately and will be paid for actual time of usage, as described in the bid item descriptions.
11. **Question:** What is the expected deliverable frequency?  
**Answer:** Data deliverables are expected weekly and within 10 days of performing the work.
12. **Question:** What software version of NASSCO's PACP is required?  
**Answer:** NASSCO Certified PACP Version 6.0 is the minimum requirement.
13. **Question:** Since this is a 540-day contract, is there any provision for escalation due to increased costs for things such as fuel?  
**Answer:** The unit prices are fixed throughout the length of the contract and no such provision is included.
14. **Question:** What method of trenchless point repair is acceptable for Item G.2?  
**Answer:** Acceptable types of sewer repair are specified in Section 02605 - Repair of Sewers. No specific method or product is specified, but sectional point liners are excluded.

*\*Attendees were asked whether they preferred fax or email to distribute Addenda - all preferred email.*

**All other technical questions regarding these contract documents shall be submitted in writing no later than 2:00 PM EST on Monday, February 4, 2019.**

These meeting minutes have been prepared by Brendan Cusick (AECOM) and Shawn McWilliams, and are ALCOSAN's interpretation of the discussions that took place. These meeting minutes will stand as record of the meeting and will be incorporated into Addendum #1 of the 1695A Contract.

# ALLEGHENY COUNTY SANITARY AUTHORITY

ATTACHMENT B

## PRE-BID MEETING ATTENDANCE

<b>PROJECT:</b>	Heavy Cleaning, CCTV Inspection, Root Removal, and Point Lining	<b>CONTRACT:</b>	1695A
<b>DATE:</b>	Tuesday, January 29, 2019	<b>TIME:</b>	10:00 A.M.

### ATTENDEES PLEASE PRINT CLEARLY

	NAME	AFFILIATION	PHONE	FAX	E-MAIL
1	Boris Langev	Robinson	(412) 739 6741	( )	B.Langev@Robinsonpipe.com
2	Mike Harris	Robinson Pipe Cleaning	(412) 921-2100	( )	mharris@robinsonpipe.com
3	Mike Long	Robinson Pipe Cleaning	(412) 921-2100	( )	mjl@robinsonpipe.com
4	BRENDAN CUSICK	AECOM	(412) 992-8399	( )	BRENDAN.CUSICK@AECOM.COM
5	SHAWN MCWILLIAMS	ALCOSA N	(412) 732-8053	(412) 734-6209	shawn.mcwilliams@alcosan.org
6	ELIZABETH BOWERS	ALCOSA N	(412) 734-6281	( )	elizabeth.bowers@alcosan.org
7	Phil Ison	Hydromax USA	(504) 645 5856	( )	Phil.Ison@hydromaxusa.com
8	Lauren Gray	Hydromax USA	(724) 624 4658	( )	lauren.gray@hydromaxusa.com
9	Tim Kenney	Smart Pipe Services	(724) 538-3100 x221	(724) 538-3150	tkenney@SmartPipeServices.com
10	Mike "Fawcett" McWilliams	Drishdt Pipe Construction	(724) 452-6060	(724) 452 3226	francis.mcdough@insidestpipe.com
11	Jack Carboosi	Jet Jack	(412) 523 2251	(412) 221 4430	Jack@JET.NET.CO
12	Robert Chambers III	RWIV Construction	(412) 614 3749	( )	Robert@RWIVConstructionLLC.com
13	Steve Trent	RWIV Construction LLC	(412) 889-0754	( )	Steve@RWIVConstructionLLC.com
14			( )	( )	

CONTRACT NO. 1695A

ADDENDUM NO. 1



## **CONTRACT 1695A – HEAVY CLEANING, CCTV INSPECTION, ROOT REMOVAL, AND POINT LINING**

### **PREBID MEETING AGENDA**

**January 29, 2019 - 10:00AM  
Room 106 - Operations & Maintenance Building**

### **INTRODUCTIONS AND KICKOFF**

Mike Lichte - ALCOSAN Manager of Planning  
John Garofalo - ALCOSAN Interceptor Manager  
Shawn McWilliams - ALCOSAN Project Engineer  
Jeff Livezey - ALCOSAN Construction Supervisor  
Ray Meyer - ALCOSAN MBE DBE Coordinator  
Elizabeth Bowers - ALCOSAN Contract Administrator  
Brendan Cusick - AECOM Project Engineer  
Others introduced and annotate attendance on sign-in sheet.

This Pre-Bid Meeting **IS NOT** mandatory, but please ensure that your clearly printed name is on the sign-in sheet and provide complete contact information.

Review all bidding documents thoroughly before submitting a bid.

### **MBE/WBE REQUIREMENTS**

Article 2 Section 2.28 and Article 1 – Pages 1-20 to 1-24. MBE/WBE requirements in the Contract urge bidders to participate in meeting the 10-25% goal. ALCOSAN accepts DBE certification from the Port Authority, Allegheny County Department of General Services and PennDOT. Any other certification will be reviewed on a case by case basis. Lack of submittal of MBE/WBE documentation is cause for rejection of the bid.

ALCOSAN requires the submittal of a monthly MBE/WBE Utilization Report which will accompany the pay estimates.

For any questions on MBE/WBE requirements please contact Ray Meyer at [raymond.meyer@alcosan.org](mailto:raymond.meyer@alcosan.org).

### **SYSTEM OPERATIONS**

The contractor is hereby made aware that ALCOSAN should be notified immediately if the work causes an overflow, either from a municipal or ALCOSAN system. ALCOSAN will then contact the PADEP, ACHD, and respective municipality. Should a fine be levied

by the Regulatory Agencies on ALCOSAN, the contractor will be responsible for paying the fine.

## **CONTRACT SUMMARY**

Contract 1695A, Heavy Cleaning, CCTV Inspection, Root Removal, and Point Lining is a 540 day contract for identifying and GPS locating manholes and structures, confirming pipe connections to manholes and structures, preparatory cleaning of sewers, and CCTV inspection services for both ALCOSAN owned and municipal owned infrastructure identified in the Contract (General Work).

- Confirmation of pipe connections of approximately 83 MH and structures.
- GPS locating of approximately 89 MH and structures.
- CCTV inspection of approximately 40,600 LF of sewers.
- Sonar inspection of approximately 1,200 LF of sewers.
- Trenchless internal point repairs (2) of a 36" ALCOSAN interceptor sewer by the A-62-03 location.
- Preparatory cleaning and traffic control contingent items, as required, to complete the work.
- Contingent item tasks such as supplemental CCTV inspection, sonar inspection, bypass pumping, root removal, and heavy cleaning, as directed by the on-site project representative or construction manager.

Programmed work details are included in Appendices A-C, contained on the disk included at the rear of the contract documents. Work included in these appendices must be completed within one-hundred and eighty (180) days from the Notice to Proceed.

In addition to the General Work, there are 25 contingent items in the Contract (Contingent Work). Please review the contingent item and quantity language in the Measurement and Payment section and Article 2 Sections 2.4 and 2.17. Contingent Work is included in this contract to conduct point lining sewer repairs and to facilitate complete CCTV inspections on sewers that could not be inspected in previous contracts due to heavy debris, roots, protruding taps, or high water levels. Because Contingent Work will generally be on municipal owned infrastructure, unit prices from this contract will be made available to the stakeholder municipalities to facilitate complete CCTV inspection and sewer repairs prior to transfer to, and required by, ALCOSAN.

ALCOSAN will be responsible for administration and oversight of this contract. The use of contingent items by municipalities will be coordinated through ALCOSAN. Contractors may have to coordinate with municipalities for site-related conditions and access, as appropriate.

Contract Estimate is \$ \$2,500,000.

## **CONSTRUCTION INSPECTION-WORKING HOURS**

ALCOSAN will have on-site resident representatives assigned to review and monitor the work. Any work proposed outside of normal working hours as defined in Article 3.75 Working Hours requires 48-hours' notice for approval.

## **LEGAL NOTICE**

Public Bid Opening Wednesday, February 13, 2019 at 11:00 AM. If the contractor is using a delivery service such as Fed Ex or UPS, they may wish to confirm delivery was made prior to this time. The outer delivery service envelope should be clearly marked with the Contract number and the words "1695A BID OPENING" on it. It is the Contractor's responsibility to ensure the bid reaches the Authority by the deadline.

Contract Documents can be obtained from the Contract Clerks on the 2<sup>nd</sup> floor of the ALCOSAN O&M Building for non-refundable cost of \$100.00. Questions about obtaining Bid Documents should be addressed to Angel Allen at [angel.allen@alcosan.org](mailto:angel.allen@alcosan.org), by fax at (412) 734-8716 or by phone at (412) 732-8049.

Questions regarding the technical specifications should be directed in writing and faxed to the attention Shawn McWilliams at (412) 734-6209 or by email at [shawn.mcwilliams@alcosan.org](mailto:shawn.mcwilliams@alcosan.org). All questions shall be submitted no later than 2:00 EST on Monday, February 4, 2019.

## **BIDDING DOCUMENTS (ARTICLE 1)**

Submission of Bid: All Article 1 documents must be completed and submitted with the bid.

Lowest responsive Bidder will be based on the sum of Bid Items G.1 through C.16. Only the Article 1 Bid Forms and supporting documents need to be submitted in the bid envelope, not the entire specifications book.

The intent is to award this contract at the February 28, 2019 Board Meeting and issue a Notice to Proceed for late March or early April.

## **INFORMATION FOR BIDDERS (ARTICLE 2)**

If any alleged errors are noted in the Contract Documents, Bidder should immediately notify Mike Lichte or Shawn McWilliams and, if confirmed, Addenda will be sent to all prospective Bidders known to have received the Contract Documents.

2.3 Location: ALCOSAN Regional Conveyance System and surrounding municipal stakeholder sewer systems.

2.4 Description of Bid Items:

### **General Work**

General Work Bid Item G.1 is used to facilitate inspection and cleaning of the structures and sewer lines specifically called out in the Contract. The Mobilization Bid Item, G.1, should not exceed 8% of the total bid.

General Work Bid Item G.2 is used to facilitate a trenchless internal point repairs on a 36" ALCOSAN interceptor, between A-62-03 and A-62-02. Physical personnel entry into the interceptor and bypass pumping will likely be required to complete the repair.

General Work Bid Item XXX.1 Internal Television Sewer Inspection for each POC sewershed, is for CCTV inspection of municipal Regionalization trunk sewers and the ALCOSAN Saw Mill Run Interceptor. Refer to the project specifications regarding software used to collect inspection data. Payment shall be made on a linear foot basis for sewer lines actually televised and accepted by ALCOSAN. Preparatory sewer cleaning will be conducted as needed and paid for separately, under Contingent Work Bid Item C.7.a-d.

General Work Bid Item XXX.2 and XXX.3 Manhole and Junction and GPS Location and Manhole Depth, Pipe Diameter and Connectivity Confirmation are for confirming structure depth and pipe connections, and/or to identify the structure location using GPS technology. Refer to the project specifications regarding the expected accuracy of the respective structure's GPS location. Payment shall be made per structure inspected and/or located and accepted by ALCOSAN.

General Work Bid Item XXX.4 SONAR or Multi-Sensor CCTV/SONAR Inspection for each POC sewershed, is for SONAR or multi-sensor inspection of municipal Regionalization trunk sewers and the ALCOSAN Saw Mill Run Interceptor. Refer to the project specifications regarding software used to collect inspection data. Payment shall be made on a linear foot basis for sewer lines actually televised and accepted by ALCOSAN.

### **Contingent Work**

Contingent Bid Items C.1 through C.16 are to be used on an as-needed basis as requested by the municipal owner to conduct non-programmed work associated with point lining sewer repairs, manhole and structure inspections, and CCTV or inspection of the Regionalization trunk sewers. These items include providing heavy cleaning and debris removal, preparatory cleaning, traffic control, bypass pumping, sonar profiling inspection of sewers, and additional time to locate manholes and structures.

Traffic control bid items are to be used as required by local and state laws or as necessary to maintain safe working conditions. Bidders should review the policies of the respective municipalities/PennDOT regarding Maintenance and Protection of Traffic (MPT) permits. MPT applies to motor vehicles and pedestrian and other traffic modes when applicable.

- 2.6 Debris Disposal. Disposal manifests to be provided by ALCOSAN. The Contractor will be required to have their own account for billing purposes.
- 2.7 Sealed Bids to be submitted to the Contract Clerk at ALCOSAN's Engineering Department on or before Bid Opening time and date of 11:00 AM, Wednesday, February 13, 2019. The received bids will be opened promptly in the ALCOSAN O&M Building, Room 106. Late bids will be treated as "nonresponsive" and returned to Bidder unopened. If Bid is submitted with conditions or exceptions, or not in conformance with the terms and conditions of the Contract Documents, it may be rejected.
- 2.8 Supplementary Information Package (SIP): Experience, Equipment, and Subcontractors.
- SIP is to be submitted at the request of the OWNER and prior to Contract award, SIP should be submitted to the Authority within 5 days of bid submission when requested.
- 2.10 ALCOSAN reserves the right to reject any and all bids.
- 2.11 Contract Documents may be purchased from ALCOSAN's Engineering Clerks Office. A fee of \$100.00 is required for each set of Contract Documents.
- 2.17 Quantities:
- Language per Article 2 Section 2.17 and Article 6 Section 1025 Measurement and Payment 1.3 F (c)
- "Contingent items of Work shall be done when ordered in the field and shall be paid for at the contract unit bid price. The purpose of the contracts items designated in the bid form as "C" is to establish unit prices for work not included in other bid items. The Engineer has the right to order that contingent work be provided in smaller or larger quantities than the estimated quantity indicated in the Bid Form. The Contractor shall not have any right to demand payment for, and will not be paid for, any costs associated with the item, including, but not limited to overhead and profit, due to the fact that the item was not used in the work or was used in smaller or larger quantities than those indicated in the bid form. The Contract Sum shall be subject to adjustment according to final measured quantities and the unit prices in the bid will apply to such final quantities."*
- 2.19 The Acknowledgment attached to any Addenda are to be signed and returned immediately via fax to the Engineering Department at 412-734-8716 and acknowledged with the Bidder's Proposal.
- 2.22 Bid Security 10% of the Total Lump Sum Price certified check or bid bond.

Attachment A: Contractor shall execute the Labor Stabilization Agreement and Letter of Assent prior to commencing work.



**GENERAL CONTRACT CONDITIONS (ARTICLE 3)**

3.73 Health, Safety and Environmental Laws – ALCOSAN approval of safety manual required for work start.

3.75 Working Hours: Any work performed outside normal working hours as defined in Article 3.75 will require prior approval and 48-hours' notice.

Exhibit A – Insurance Requirements, Certificates required before any work begins. Railroad Protective Liability Insurance (if required).

- Bidders should account for Railroad Protective Liability (RRP) Insurance for work that is included in programmed work in the appendices. If a site is added during the contract that requires RRP insurance, that cost will be addressed to complete the work.

**CONTRACT AGREEMENT (ARTICLE 4)**

Substantial Completion of Contract 1695A: 540 Calendar days from NTP.

Liquidated Damages: \$500 per day.

**BONDS, CERTIFICATES AND STATEMENTS (ARTICLE 5)**

Performance Bond, Labor and Material Bond, Contractors Certificate of Satisfaction, Maintenance Bond.

**SPECIFICATIONS (ARTICLE 6)**

There are 17 specification sections in the bid documents. The Bidders should review all specifications contained in Article 6 thoroughly. The Appendix includes the scope of work mapping for the programmed segments to be inspected.

Section 01010 – Summary of Work: The following is the order in which the work shall typically be performed. Deviation from this order shall only be made at the direction of the Construction Manager or ALCOSAN. No payment shall be made for out of sequence work or for work on non-regionalization trunk sewers and structures without the explicit approval of the Construction Manager.

1. Confirm whether or not the structure is located on a regionalization trunk sewer.
2. Confirm the depth of manholes and pipe connections as well as the diameter of incoming and outgoing pipes connected to the manholes. Collect photographic documentation of the structure.
3. Identify manholes and document their location using GPS technology and/or sonde, as applicable.



4. Preparatory cleaning of sewers to be inspected, as directed.
5. CCTV inspection of sewers.

The work described in the Contract Documents may require street or railroad occupancy permits, traffic and right-of-way permits or water withdrawal, access, and usage permits. Contractor shall obtain, renew, and maintain all permits and pay all associated fees, including railroad flagmen and supplemental costs required by all jurisdictional entities throughout the duration of the project.

#### **PREVAILING WAGE RATES (ARTICLE 7)**

Prevailing wages do not apply to this contract.

#### **QUESTIONS**

All technical questions regarding these contract shall be submitted no later than 2:00 EST on Monday, February 4, 2019.

**February 1, 2019**

**CONTRACT 1695A**  
**HEAVY CLEANING, CCTV INSPECTION,**  
**ROOT REMOVAL AND POINT LINING**  
**ADDENDUM NO. 1**

The following changes are hereby made to the Bidding Documents for the subject contract:

**A. Documents**

**1. Article 2, Paragraph 2.4 Description of Bid Item**

**CONTINGENT BID ITEM NO. C.14.a BYPASS PUMPING**

The bid item title is changed to read “BYPASS PUMPING, 6” PUMP” to match the bid table.

**2. Section 02080-Byass Pumping**

Delete the text in Paragraph 1.05.A on page 02080-2 and replace with:  
“Refer to Article 2, Paragraph 2.4”

**3. Section 02700-Dye Testing**

Delete paragraph 1.02.A on page 02700-1 in its entirety, including 1.02.A.1 and replace with:

“This work is considered incidental to manhole confirmation inspections and no separate payment will be made.”

**\*\* END OF ADDENDUM NO. 1 \*\***