

CITY OF CHARLOTTESVILLE
Department of Utilities
305 4th ST NW
Charlottesville, VA 22903
434-970-3800



March 11, 2022

ADDENDUM NO. 1 TO ALL BIDDERS: 9 Pages
Reference – Invitation for Bid: IFB# 22-85

Title: LAMBETH PUMP STATION
IMPROVEMENTS

For Delivery To: City of Charlottesville, Charlottesville, VA

Bids Due: March 15, 2022 at 2:00 PM Local
Prevailing Time

This addendum has been issued to address the following: additions, deletions and revisions to the contract documents based on questions posed by interested parties.

Note: A signed acknowledgment of this addendum must be received at the location indicated on the IFB either prior to the bid due date or attached to your bid. Signature on this addendum does not substitute for your signature on the original bid document. The original bid document must be signed.

Respectfully,

Kathryn McNannay
Management Analyst II

Name of Firm

Signature/Title

Date

ADDENDUM NUMBER 1

ISSUED: MARCH 11, 2022

CITY OF CHARLOTTESVILLE, VIRGINIA IFB# 22-85 – LAMBETH PUMP STATION IMPROVEMENTS PROJECT

To Bidders:

This Addendum is hereby made a part of the Contract Documents on which all bids shall be based. Bidders shall note the following changes, additions, and/or clarifications and submit bids accordingly. Bidders shall acknowledge receipt of this Addendum in the appropriate space on the bid form.

This Addendum consists of four (4) pages and one (1) attachment as follows:

- Pre-Bid Conference Meeting Minutes (4 pages)
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ITEM 1 The Pre-Bid Conference Meeting Minutes are attached herein and made a part of this Addendum.

ITEM 2 Responses to Questions.

Q1. What date was Lambeth Pump Station completed?

A1. The latest renovation was completed in 2012.

Q2. Do record drawings exist for present Pump Station?

A2. Record drawings exist for the last renovation completed in 2012. Earlier as-built drawings are not known to exist.

Q3. Are there any known or supposed asbestos containing materials identified in our area of work? Same for Lead based paint. I do not see asbestos or lead posing a problem for the structural or civil work. Main concern is inside the Pump Station for any required work for Electrical trades.

A3. There is no known asbestos-containing materials or lead paint in the Pump Station.

Q4. On page 25 of 87 of General Terms & Conditions, or Section 3.6, Quality Control and Testing, such work is noted as selected and paid for by the City. GC is responsible for coordination of such tests only.

A4. For this construction project, the contractor is responsible for obtaining, coordinating and paying for the quality control and testing related to concrete, electrical, and instrumentation and control testing.

Q5. In the Supplemental Terms & Conditions, Article 14, page 69 of 87, use of explosives is noted not permitted.

A5. Explosives are not permitted on this project.

Q6. In the Supplemental Terms & Conditions, Article 28, Testing Services & Quality Assurance, it's noted that the City shall provide third party testing and inspections for asphalt and soil work.

A6. On this project, the City is responsible for soil compaction testing. There is no asphalt on this project.

Q7. Supplemental Terms & Conditions, Article 29, offer payment for Rock Excavation and define this method of payment. No quantities are listed on bid form. Does the City intend to provide any Rock quantities for Rock Excavation?

A7. No rock quantities will be provided.

Q8. Technical Specification 312300, Excavation & Fill, also define Rock Excavation.

- a. Section 312300.1.4.A.1 notes requirement by Contractor for Compaction Test Reports. Is this Contractor's responsibility?

- b. Section 312300.1.4.A.2.a notes requirement by Contractor for a blasting plan? Is blasting prohibited?
- c. Section 312300.1.4.A.2.d notes requirement by Contractor for Vibration Monitoring Plan. Is this Contractor or City's responsibility?
- d. Section 312300.1.4.A.2.e notes requirement by Contractor for Blasting Schedule, and notifications of such. Is Blasting prohibited?
- e. Section 312300.1.4.A.4.a through e notes requirements by Contractor for the following test results:
 - i. Gradation Test,
 - ii. Moisture-Density Test,
 - iii. Atterburg Limits,
 - iv. Unified Soil Classification System Identification,
 - v. OR certification of Conformity to VDOT Road and Bridge Specifications

Are the above noted tests by Contractor or City?

- A8a. No, the City is responsible for any soil compaction test reports.
- A8b. Blasting is prohibited and therefore no blasting plan is required.
- A8c. The contractor is responsible for providing a Vibration Monitoring Plan if one is required.
- A8d. Blasting is prohibited and therefore no blasting schedule is required.
- A8e. The contractor is required to submit these tests or certification of conformity with the VDOT Road and Bridge Specifications for VDOT #57 and #68 Stone.

- Q9. Section 312300.1.5.A.2 notes requirement by Contractor for Vibration Control Consultant. Is this provided by Contractor or City?
- A9. The contractor is responsible for coordinating with a Vibration Control Consultant if one is required.

- Q10. Section 312300.1.5.A.3 through 5 notes requirements by Contractor for submittals for Vibration Equipment, Daily Vibration Records, Calibration Certs for Seismic Equipment and Shake Table Calibration. Is this the responsibility of the Contractor or the City?
- A10. The contractor is responsible for these items if they are required.

- Q11. Section 312300.1.5.A.6 through 8 notes requirements by Contractor for Blasting Contractor's experience, Blasting Plan, and Blasting permits. Is blasting prohibited?
- A11. Blasting is prohibited and therefore these items are not required.

- Q12. Section 312300.1.5.A.9 notes PE requirements by Contractor for dewatering, if required. Is this required specifically for this project?
- A12. Since excavation is limited, dewatering requirements are unlikely.

- Q13. Section 312300.1.5.A.10 notes PE requirements by Contractor to prepare excavation support system designs. Is this required specifically for this project?
- A13. Since proposed excavations are less than 5 feet, support system designs will not be required.

- Q14. Section 312300.1.6.B.1 notes Material testing agencies shall be engaged by the Contractor. Is this service provided by Contractor or by City?
- A14. The City is responsible for the soil compaction testing required under this section.

- Q15. Section 312300.1.6.C notes requirement of Vibration Control Meeting conducted by the Contractor with Vibration Consultant, Blasting Contractor, and the City.
 - Is the meeting Coordinated by City or Contractor?
 - Is a Blasting Contractor allowed to perform on this project?
 - Is the Vibration Consultant Contractor or City's Subcontractor for this project?
- A15. Blasting is prohibited. If required, a Vibration Control Meeting will be coordinated and conducted by the contractor.

- Q16. Section 312300, Part 2, Products, 2.1 specifies material requirements for Filter Fabric. No filter fabric is shown on drawings. Please advise where this product is used and for what application.

- A16. Filter fabric is not required on this project.
- Q17. Section 312300, Part 2, Products, 2.2 specifies material requirements for Geotextile Fabric. No Geotextile Fabric is shown on drawings. Please advise where this product is used and for what application.
- A17. Geotextile fabric is not required on this project.
- Q18. Section 312300.3.25 defines conditions/storage for Explosives. Are explosives allowed on site?
- A18. Explosives are not allowed on site.
- Q19. Section 312300.3.26 defines Blasting Control. Is Blasting prohibited?
- A19. Blasting is prohibited.
- Q20. Per Drawing Sheet S0.01, Foundation, Note 1, Contractor is required to obtain services of Geotechnical Engineer licensed in VA to verify bearing capacities at each footing. Is this responsibility/service provided by Contractor or City?
- A20. The contractor is responsible for obtaining the services of a geotechnical engineer to verify the bearing capacities at each footing.
- Q21. Section 033000.3.9.A notes concrete testing is responsibility of the Contractor for tests and inspections. No exception taken, noted and to be included by ACI.
- A21. The contractor is responsible for concrete testing.
- Q22. No new Electrical Lighting is shown recessed, suspended from, or adjacent to Aluminum Canopy. Do you anticipate that any lighting will be required under or adjacent to canopy area? Our vendor asked us specifically about recessed lighting. My response at this time is none shown. Please confirm.
- A22. No new electrical lighting recessed, suspended from or adjacent to the aluminum canopy is proposed.
- Q23. Technical Specifications, Section 312300, contain quite a bit of information that is irrelevant to Lambeth Pump Station. ACI will follow requirements noted in General Terms & Conditions as follows:
- All Testing and Inspections are by City, excluding the following:
 - Geotechnical Inspections/Tests required for subgrades prior to placing Concrete.
 - Concrete Testing and Inspections.
 - Engineering for Canopies is included as noted on plans.
- A23. In addition, the contractor is required to perform all testing related to electrical, instrumentation and control.
- Q24. ACI is taking position that Lambeth Pump Station does not possess Asbestos or Presumed Asbestos Containing Materials in its area of work. I visited the site today, but I could not view above ceiling as batt insulation is laid over ACT Ceiling. I cannot observe above ceiling conditions. If asbestos is presumed, then I will need to view such conditions as they are made visible for viewing. I did not want to damage any existing ceiling tiles to view this area.
- A24. There are no known asbestos-containing materials in the Pump Station.
- Q25. Based on my site visit with Todd Morris this morning, I have the following concern between new work and existing conditions:
- At Plan North Elevation, the grade slopes steeply upwards to corner of property/fencing. Erosion is evident now and is a concern during final grading and seeding. Is ACI allowed to work beyond fencing, or on the other side of the fence, to add temporary E & S measures to prevent erosion to new finish grade, permanent seeding, mulching, etc.? Even after seeding takes root, this area could suffer from same issue then as it does now, based on existing conditions.

- A25. The contractor is allowed to install temporary erosion and sediment control (E&SC) measures on the exterior side of the fence. All E&SC measures must be removed at the end of the project.
- Q26. Regarding Precast Catch Basins A and B shown on C1.01, our vendor is telling us that they cannot provide Catch Basins as shown. They can offer a Precast Box Inlet DI-22 inches x 22 inches x 24 inches Height. This product comes with a Capitol Foundry import frame and grate either cast or flange down on top. The frame and grate can also be provided domestically, but this is not a requirement for this project, unless I overlooked this requirement. ACI has option to pick these items up in Salem, VA to save on freight charges. I have attached details from Concrete Pipe & Precast, LLC and for Capitol Foundry of VA, LLC for Import Grate and Frame. Please advise if this arrangement is suitable for design intent or provide details/contact information for preferred products.
- A26. Though preferred, no domestically-manufactured equipment is required on this project. The proposed catch basin and cast or flange-down top frame and grate meet the design intent.

END OF ADDENDUM #1



MEMORANDUM of MEETING

Date of Meeting: February 23, 2022

Time of Meeting: 10:00 AM

Meeting Location: Microsoft Teams Meeting

Meeting Description: Pre-Bid Meeting

Work Order Number: 46619-015

Contract Number: IFB #22-85

Project: Lambeth Pump Station
Improvements Project

Participants: See Attached List

The following items were discussed during the Pre-Bid Meeting:

1. Gary Fern, Project Manager with Whitman, Requardt & Associates (WRA), introduced the following key personnel on the contract:
 - a. Owner – City of Charlottesville, Virginia (City) – Department of Utilities (Department)
 - i. Kathryn McNannay – Project Manager
 - ii. Anthony Allard – Project Engineer
 - b. WRA
 - i. Padraic Gray – Instrumentation & Control Engineer
 - ii. Caleb Dillard – Structural Engineer
2. If requested, the City can provide a contact and telephone number for Workforce Development Strategies.
3. The scope of work for the project with the Department includes civil, structural, instrumentation and control improvements at the Lambeth Pump Station.
4. The following is the bid schedule:
 - a. Contract Documents issued on February 14, 2022
 - i. Bid Packages are available at www.charlottesville.gov/purchasing
 - b. Last Day for Questions – 5:00 PM on Wednesday, March 8, 2022
 - c. Addendum #1 – Wednesday, March 2, 2022 or Wednesday, March 9, 2022.
 - d. Bid Opening –
 - i. Sealed Bids must be received by 2:00 PM on Tuesday, March 15, 2022, at the Utilities/Public Works Administration Building at 305 4th Street NW in Charlottesville.
5. All Pre-Bid questions must be submitted in writing to Kathryn McNannay via e-mail at mcnannay@charlottesville.gov prior to 5:00 PM on Wednesday, March 8, 2022.
6. Each Bid Submittal must include the following to be determined responsive:
 - a. Attachment B – Pricing Schedule/Bid Form
 - b. Bid Bond - 5% Bid Security
 - c. Attachment C – Vendor Data Sheet
 - d. Attachment D – Certification of No Collusion
 - e. Attachment E – Workers Compensation Certificate of Coverage
7. The following is the anticipated contract schedule:
 - a. Notice of Award – on or about April 1, 2022
 - b. Issue a Notice to Proceed as soon as possible after award
8. WRA recommended review of the Instruction to Bidders, but emphasized the following section:
 - a. Section 2.22 – COVID-19 Procedures
 - i. Contractor is required to submit a plan addressing how they will handle employees who contract the disease and their means for notifying the City.
9. WRA recommended review of the Scope of Services, but emphasized the following sections:
 - a. Warranty – One (1) Year from the Final Completion Date.
 - b. Work Hours – The regular work hours are Monday-Friday, 7 AM – 5 PM. The contractor must make a written request to the Department at least five (5) business days prior to performing work outside the regular work hours.

- c. Safety – The contractor is responsible for the safety of all within the work area.
 - d. Utility Protection Plan – The minimum requirements for a Utility Protection Plan are listed in the Scope of Services. The purpose of the plan is to protect all existing utilities in the work area.
 - e. Scheduling – Weekly schedules detailing proceeding work are to be submitted on Friday.
 - f. Bonds – In addition to Bid Bonds (which are only required for projects with bid amounts greater than \$100,000), Payment and Performance Bonds for 100% of the Total Bid Price are to be provided to the Department after Notice of Award.
 - g. Pedestrian Accessibility – Requirements for addressing pedestrian accessibility and safety are provided in Exhibit A. Due to its location, a stair/sidewalk, accessed by University of Virginia students and faculty, is located adjacent to the pump station. The contractor will be required to maintain access.
10. WRA recommended review of the General Terms and Conditions for Construction Contracts.
11. WRA recommended review of the Special Terms and Conditions for Construction Contracts, but emphasized the following sections:
- a. Section G – Insurance Requirements – The contractor will be required to provide coverage to the limits specified in this section.
 - b. Force Majeure – Neither party shall hold the other responsible for damages of delay in performance caused by acts of God, strikes, lockouts, pandemics, civil unrest or similar events beyond the control of the other.
 - c. Liquidated Damages – The Department may issue liquidated damages for the following amounts:
 - i. Substantial Completion Date - \$1,000.00/calendar day
 - ii. Final Completion Date - \$500.00/calendar day
12. WRA recommended review of the Supplemental Terms and Conditions for Construction Contracts, but emphasized the following sections:
- a. Article 9 – Pre-Construction Conference – A Pre-Construction Conference will be held.
 - b. Article 10 – Monthly Progress Meetings – Monthly Progress Meetings will be held throughout the project.
 - c. Article 11 – Public Relations – The contractor must maintain a clean and neat work area.
 - d. Article 15 – Temporary Facilities and Services – The contractor is responsible for providing temporary facilities for their workers.
 - e. Article 17 – Erosion & Sediment Control – WRA noted that a storm sewer discharges off-site, so proper erosion and sediment control measures must be implemented.
 - f. Article 23 – Water Used in Construction – The contractor shall be required to pay for all water used, and that use is subject to the City's Water Conservation Policies.
 - g. Article 28 - Testing Services and Quality Assurance
 - i. The Department is responsible for soil compaction testing.
 - ii. The contractor is responsible for concrete, electrical, and instrumentation and control testing.
 - h. Article 30 – Pre-Construction Video – The contractor shall submit a video, with audio, of the interior and exterior of the pump station prior to construction.
13. WRA briefly reviewed the following:
- a. Drawing No. 2 shows the required grading, stormwater piping and structures, and fencing details.
 - b. Drawing No. 3-4 shows the required concrete pad and stairs, and the prefabricated aluminum canopy.
 - c. Drawing No. 5-9 includes electrical, instrumentation and control design.
 - d. The City Construction Standard Detail Drawing W1.0 shows the bedding and backfill requirements for the stormwater piping.
14. WRA reviewed the following Project Manual Attachments:
- a. Attachment A – Certificate of Insurance (COI) specifies the requirements of the COI acceptable to the Department.
 - b. Attachment B – Pricing Schedule/Bid Form shall be completed legibly and included in the Bid Submittal. The Bid Form consists of one (1) bid item.
 - c. Attachment C – Vendor Data Sheet required with the Bid Submittal.
 - d. Attachment D – Certification of No Collusion required with the Bid Submittal.
 - e. Attachment E – Workers' Compensation Certificate of Coverage required with the Bid Submittal.
 - f. Attachment F – Anti-Drug/Alcohol Program will be required prior to agreement signing.



- g. Attachment G – Escrow Agreement, if utilized, will be required prior to agreement signing.
- h. Attachment H – Technical Specifications - WRA noted the following:
 - i. The Department’s standard technical specifications are new and should be reviewed by all bidders.
 - ii. Other technical specifications detailing the concrete, prefabricated aluminum canopy, electrical and instrumentation and control requirements are included in this attachment.

15. The following are questions posed during the meeting:

- Q1. Will the natural gas pump be replaced as part of this project?
- A1. No, the natural gas pump is not being replaced as part of this project.

- Q2. Is Kathryn McNannay’s contact information provided in the Project Manual?
- A2. Yes, Kathryn’s contact information is provided in the Project Manual.



Participants:

Name	Company	Email
Kathryn McNannay	City of Charlottesville	mcnannay@charlottesville.gov
Roy Nester	City of Charlottesville	nesterr@charlottesville.gov
Anthony Allard	City of Charlottesville	allarda@charlottesville.gov
Jon Paris	Anderson Construction	jparis@andersonconst.com
Gregg Jackson	Xylem, Inc.	gregg.jackson@xylem.com
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Ralph Voyles	United Rentals	rvoyles@ur.com
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Caleb Dillard	WRA	cdillard@wrallp.com
Gary Fern	WRA	gfern@wrallp.com

