



CITY OF EAST PROVIDENCE
DEPARTMENT OF PUBLIC WORKS – ENGINEERING DIVISION
REQUEST FOR PROPOSALS
RFP EP23/24-28
WATER POLLUTION CONTROL FACILITY SUBAQUEOUS OUTFALL
INSPECTION
BID OPENING TUESDAY, MAY 28, 2024

SPECIFICATIONS

PART 1 SCOPE OF WORK

1.01 SUMMARY

- A.** The Work includes conducting underwater video inspection of the Water Pollution Control Facility's (WPCF) submerged outfall structure and diffusers (where applicable) located within the Providence River, observing and documenting the existing physical and operational conditions of the structure and diffusers, and providing digital video inspection files and a summary report of the inspection findings to the City, as specified herein and as indicated on the attached drawings.
- B.** The attached drawings depict the general location, alignment and configuration of the outfall pipeline and the submerged discharge outlet structure. The drawings provided are not considered to be as-built/record drawings and therefore should be used for general reference and information purposes only. Approximate length of the pipeline = 1,200 feet. Pipeline is 30-inches in diameter.

1.02 QUALIFICATIONS

- A.** The Contractor shall have at least five (5) years' experience completing underwater exploration, inspection and assessment. Contractor to provide references of similar, recent work completed along with their bid.
- B.** The Contractor shall hold and maintain the necessary certifications and insurances for conducting all aspects of the specified work. Copies of relevant certifications must be submitted along with the Contractor's Bid.

1.03 SUBMITTALS

- A.** Schedule for the work shall be submitted within seven (7) days of contract execution and shall include dates for:
- Locating the outfall

- Video inspection of the outfall (early date, preferred date, last date). Note that inspection of the outfall shall be coordinated with the City and shall be completed when flow through the WPCF does not exceed 4 MGD.
 - Submission of video and report
- B.** Detailed description of Contractor’s plan to execute work. Plan shall be submitted within seven (7) days of contract execution and shall include:
- Proposed inspection technique
 - Proposed equipment to be used (boat, dive equipment, video equipment)
 - Number of personnel
 - Dive certifications
 - Access plan
 - Contact information.
- C.** Upon completion of the inspection effort, the Contractor will be required to submit to the City a report summarizing the inspection findings and video record of the inspection. Refer to Section 2.02A below for additional information and reporting requirements.

PART 2 EXECUTION

2.01 PERFORMANCE REQUIREMENTS

- A.** The Contractor is to complete in full the scope of work herein specified within 90 calendar days following contract award. Inspection of the outfall shall be coordinated with the City and shall be completed at a time when flow through the WPCF is at or below 4 MGD.
- B.** The scope of work to be completed under this Contract is associated with specific requirements of the Rhode Island Pollutant Discharge Elimination Systems (RIPDES) Permit for the City’s Water Pollution Control Facility. Completion of the work within the timeframe stipulated in Section 2.01A is required to maintain permit compliance.
- C.** The Contractor shall provide the required equipment and resources, as deemed necessary and applicable by the Contractor, to successfully complete the scope of work as specified herein including:
- Watercraft and related support systems required for access to and location of the submerged outfall structure.
 - Side Scan Sonar for Location of the Outfall Structure (as needed)
 - Dive Team with required safety apparatus and safety equipment necessary to perform all aspects of the work.
 - Video inspection and recording equipment including one, or a combination, of the following:
 - Handheld Underwater Video Camera Equipment
 - Remotely Operated Underwater Video Camera Equipment (ROV’s)
 - The Contractor shall provide the City and the City’s Engineer at least two (2) weeks advanced notice prior to any planned work. Additional coordination with the East Providence Harbor Master may be required.

2.02 REPORTING/DELIVERABLES

- A. Upon completion of the inspection effort, the Contractor will be required to submit to the City a report summarizing the inspection findings. The report shall include, but shall not be limited to, the following:
- Date and times of the inspection effort
 - Contact information for all personnel involved with the inspection effort
 - Existing conditions at the time of the inspection effort (weather conditions, underwater conditions, visibility, etc.)
 - Digital video inspection files and snapshot photos (either saved on a flash drive or providing cloud-based access for file downloading)
 - Summary of the observed physical condition of the outfall, its geometry, and material of construction. Description of conditions shall include surrounding ground conditions.
 - Operational conditions of the outfall discharge structure and any other visible portions of the outfall (diffusers, etc.)
 - A detailed sketch depicting/identifying the physical and operation outfall features and conditions shall be generated and provided along with the report.
 - All other related observation and conditions documented during the inspection effort.

END OF SECTION