



**CITY OF EAST PROVIDENCE
DEPARTMENT OF PUBLIC WORKS
WATER POLLUTION CONTROL FACILITY CONCRETE RESTORATION
AND CONCRETE LINING PROJECT
SUMMARY OF WORK
RFP EP21/22-20**

BID OPENING THURSDAY, OCTOBER 6, 2022 AT 11:00AM

PART 1 – GENERAL

1.1 SECTION INCLUDES

A. This Section includes the following Articles:

<u>Article</u>	<u>Title</u>
1.1	Section Includes
1.2	Location and Description of Work
1.3	Other Construction Contracts
1.4	Work by Others
1.5	Work by OWNER
1.6	Sequence and Progress of Work
1.7	CONTRACTOR's Use of Site
1.8	Easements and Rights-of-Way
1.9	Notices to Owners and Authorities of Properties Adjacent to the Work

1.2 LOCATION AND DESCRIPTION OF WORK

- A. The Work is located at the East Providence Water Pollution Control Facility (WPCF) at Crest Avenue, Riverside, RI 02915.
- B. The Work to be performed under this Contract includes, but is not limited to, constructing the Work described below in accordance with the Contract Documents. The Work includes, but is not limited to, the following:
1. By-pass pumping to allow full wastewater structure access and dewatering.
 2. Disinfection of wastewater structures.
 3. Removal of degraded and unsound concrete from wastewater structures requiring rehabilitation.

4. Replacement of reinforcing steel in wastewater structures as applicable.
 5. Restoration of concrete wastewater structures using an appropriate cementitious repair mortar.
 6. Installation of epoxy lining to protect restored concrete wastewater structures.
 7. Installation of Watchemoket Pump Station force main bypass.
 8. Replacement of headworks channel bypass slide gate.
 9. Replacement of headworks manual channel isolation gates.
 10. Coordination with the Owner, the Owner's Contract Operations Firm (Veolia), the Engineer and the Department of Environmental Management. The WPCF must comply with their permit at all times.
- C. Contracting Method: The Project shall be constructed under one prime Contract.
- D. Hazardous Environmental Conditions:
1. To the best of Owner's knowledge, information, and belief, the water pollution control facility was constructed in the 1950s with upgrades completed in the 1970s and 1990s to add additional primary clarifiers and secondary treatment. The 1970s work also included converting the two anaerobic sludge digester tanks to sludge storage tanks. More upgrades were completed in the 2010s with a Design/Build contract that included a BNR upgrade, SCADA upgrades, and collection system improvements. At the site there are asbestos tiles throughout the Administration Building. Prior to the establishment of the water pollution control facility in the 1950s the site was a marina.

1.3 OTHER CONSTRUCTION CONTRACTS

- A. The OWNER, through its Contract Operations firm Veolia, is in the process of installing covers on the primary clarifiers (settling tanks). The CONTRACTOR shall coordinate the work of this Contract with the OWNER to minimize impacts to both projects.

1.4 WORK BY OTHERS

- A. It is anticipated that no work performed by others has the potential to affect the work completed by the CONTRACTOR under this contract, except as indicated in paragraph 1.3.

1.5 WORK BY OWNER

- A. OWNER, through its Contract Operations firm Veolia, will perform the following in connection with the Work:
1. Operate all existing valves, gates, pumps, equipment, and appurtenances that will affect OWNER's operation, unless otherwise specified or indicated.

1.6 SEQUENCE AND PROGRESS OF WORK

- A. Requirements for sequencing and coordinating with OWNER's operations, including maintenance of facility operations during construction, and requirements

for tie-ins and shutdowns, are in Section 01 14 16, Coordination with Owner's Operations.

1.7 CONTRACTOR'S USE OF SITE

- A. CONTRACTOR shall share use of the Site with other contractors and others specified in Article 1.3 of this Section and others as specified in Article 1.4 of this Section. The OWNER's Contract Operations firm shall identify acceptable locations on-site to temporarily store construction materials and equipment.
- B. Move stored materials and equipment that interfere with operations of OWNER, other contractors, and others performing work for OWNER.
- C. Limits on CONTRACTOR's use of the Site are:
 - 1. As indicated in Section 01 14 19, Use of Site.
 - 2. Do not use the Site for operations other than those required for the Project.

1.8 EASEMENTS AND RIGHTS-OF-WAY

- A. General:
 - 1. Easements and rights-of-way required for the permanent improvements included in the Work will be provided by OWNER in accordance with the General Conditions and Supplementary Conditions.
 - 2. Confine construction operations within OWNER's property, public rights-of-way, easements obtained by OWNER, and limits shown, and property for which CONTRACTOR has made arrangements directly with property owner(s).
 - 3. Use care in placing construction tools, equipment, excavated materials, and materials and equipment to be incorporated into the Work to avoid damaging property and interfering with traffic.
 - 4. Do not enter private property outside the construction limits without permission from the owner of the property.

1.9 NOTICES TO OWNERS AND AUTHORITIES OF PROPERTIES ADJACENT TO THE WORK

- A. Notify owners of adjacent property and utility owners when prosecution of the Work may affect their property, facilities, or use of property.
- B. When it is necessary to temporarily obstruct access to property, or when utility service connection will be interrupted, provide notices sufficiently in advance to enable affected persons to provide for their needs. Such notifications shall comply with Laws and Regulations and, whether delivered orally or in writing, shall include appropriate information concerning the interruption and instructions on how to limit inconvenience caused thereby.
- C. Notify utility owners and other concerned entities not less than 72 hours prior to cutting or closing streets or other traffic areas or excavating near Underground Facilities or exposed utilities.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

++ END OF SECTION ++