

**SECTION 00110**

**INVITATION FOR BIDS**

Contractors are invited to submit SEALED BIDS for the bidding of the **FRITZ ISLAND WASTEWATER TREATMENT PLANT UPGRADE PROJECT** on behalf of the City of Reading, Pennsylvania (the "City"). **No Project Stabilization Agreement is included in this Project.**

BIDS ARE INVITED ON A COMBINED LUMP SUM AND UNIT PRICE BASIS FOR THE FOLLOWING CONTRACTS:

- Contract 1: General Construction**
- Contract 2: Electrical Construction**
- Contract 3: HVAC Construction**
- Contract 4: Plumbing Construction**

Sealed Bids for construction of the **Fritz Island Wastewater Treatment Plant Upgrade Project** will be received by the City to the attention of City Purchasing Coordinator until 3:00 PM (local time) on July 20, 2016 ("Bid Closing"). Faxed bids will not be accepted.

Bids will be publicly opened and read aloud at the City of Reading City Council Chambers located at 815 Washington Street, Reading, PA 19601, shortly after Bid Closing. No award of a contract will be made at the bid opening.

Bidders may obtain access to the Bidding Documents from a File Transfer Protocol site made available by the City's engineer on or after May 20, 2016. The username, password and instructions for obtaining the Bidding Documents can be obtained by submission of a request to Tammi Reinhart, Purchasing Coordinator, Tammi.Reinhart@readingpa.gov. The Bidding Documents will be available in PDF format. If addenda or clarifications are required, they will be issued through the FTP website with a courtesy email notification (however, each Bidder is responsible to check the FTP website for addenda or clarifications prior to submitting its Bid).

**Because the Bidding Documents represent a re-bid of Project No. 2015-5 (dated September 2015), the Specification and Drawings bearing a date of "September 2015" and a reference to "Project No. 2015-5" have not been modified in any manner from the Bidding Documents issues for Project No. 2015-5. The Addenda issued with Bidding Documents for Project No. 2015-5 that addressed technical clarifications and modifications will be published in the near future as an Addendum and shall be deemed part of these Bidding Documents.**

**Division 0 of the Bid Documents shall also be issued as an Addendum.**

The Project includes upgrades to the liquid and solids treatment facilities and for the new Administration and Maintenance Buildings the City of Reading's Fritz Island Wastewater Treatment Plant and other Work. The Project generally includes, but is not limited to the following:

- Temporary Operations and Maintenance Area for the Owner's use during construction
- Demolition of selected existing facilities
- New Influent Junction Box
- New Influent Flow Metering Vaults
- New Primary Clarifier Distribution Structure
- Upgrades to the existing primary clarifiers
- Upgrades to the primary clarifier odor scrubber system
- New Aeration Reactors
- New Blower Building
- New Mixed Liquor Distribution Structure
- New Final Clarifiers
- New RAS/WAS Pump Station
- Conversion of existing Tertiary Aeration Tank to Chlorine Contact / Post Aeration Tank
- Upgrades to the Post Aeration Blower Building
- Upgrades to the chlorine and sulfur dioxide storage and feed buildings
- New Effluent Metering Vaults
- New Effluent Structure
- Temporary chlorination / dechlorination systems
- Replacement of the chlorine scrubber system
- Replacement of the plant utility water pump station
- New Vac Truck Receiving Station
- Upgrades to the Recycle Pump Station
- New Pole Barn Storage Buildings
- New sludge blend tank
- New digested sludge holding tank
- New centrifuge system in a new building addition
- Gravity belt thickener upgrades
- Replacement of existing odor control system
- Upgrades to existing centrate/filtrate pumping station
- Upgrades to existing Solids Handling Building
- HVAC upgrades to the electrical substation
- Upgrades to the electrical distribution system
- New emergency generators
- Process control system upgrades
- New Administration and Maintenance Buildings
- Post construction storm water management facilities
- Red belly turtle site mitigation measures, and

Start-up services to place the new and upgraded facilities into operation to achieve full compliance with the discharge permit and to produce Class B biosolids.

The Work also includes the removal and disposal of hazardous demolition materials that may be encountered in performing the Work. Reports of hazardous materials surveys that were performed at the Site are included in the Appendix in the Project Manual.

The existing liquid and solids treatment systems must be maintained in operation at all times during construction for the City to maintain compliance with its NPDES permit criteria and to enable the City to produce Class B biosolids and dispose of it. To maximize the treatment capacity during construction, the Specifications identify constraints that the General Contractor shall incorporate into his construction schedule so that completed components of the Project can be transitioned into operation to avoid interruptions in the treatment process. Consequently, this Project will require close coordination with plant operational staff, and some Work will be required to be performed as shift work and on the weekends.

Employees and applicants for employment shall not be discriminated against because of their race, age, color, religion, sex, national origin, or handicap.

The Davis-Bacon and Related Acts, apply to this Project. All Contractors and Subcontractors on performing Work on the Project must pay their laborers and mechanics employed under the contract no less than the locally prevailing wages and fringe benefits for corresponding work on similar projects in the area as required by the Davis-Bacon and Related Acts. The Davis-Bacon and Related Acts direct the Department of Labor to determine such locally prevailing wage rates.

Contractors and Subcontractors must also, under the provisions of the Contract Work Hours and Safety Standards Act, as amended, pay laborers and mechanics, including guards and watchmen, at least one and one-half times their regular rate of pay for all hours worked over 40 in a workweek. The overtime provisions of the Fair Labor Standards Act may also apply to the Project.

This Project is being federally funded by EPA financial assistance dollars and therefore requires all contractors to demonstrate compliance with federal Executive Orders 11625, 12138, and 12432 and EPA Regulations at 40 CFR Part 30, et al., through the detailed documentation of solicitation of Disadvantage Business Enterprises (DBEs). Contractors must demonstrate the Six Good Faith Efforts to identify and solicit DBE firms that are potential sources for any procurement action in the areas of project construction, equipment, services, and supplies by including state qualified small businesses, and minority and women owned business enterprises in the bidding process.

A mandatory Pre-Bid Conference and site walk will be held at 10:00 AM. (local time) on June 14, 2016. Attendees for the Pre-Bid Conference shall assemble at the Berks County Fire Training

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Center, 895 Morgantown Road, Reading, Pennsylvania. Bidders are required to visit the Project site prior to submitting Bids.

Each Bid must be accompanied by Bid Security in the form of a certified check, certified bank treasurer's check, bank cashier's check, or bid bond in the form included with the Bidding Documents. Bid Security shall equal to ten percent (10%) of the Total Base Bid Price plus all additive Alternates. The City of Reading, Pennsylvania, shall be named as the payee or obligee, as applicable, on the Bid Security.

The City shall have the right to accept or reject any or all Bids, or part thereof or items therein, for any reason whatsoever; waive any informalities and technicalities in bidding and act in its own best interest; reject a Bid that includes forms not prescribed by the Bidding Documents; reject a Bid which is in any way incomplete, irregular or otherwise not responsive to the requirements of the Bidding Documents; or to reject the Bid of a Bidder who is otherwise not responsible.

Tammi Reinhart  
Purchasing Coordinator  
Tammi.Reinhart@Readingpa.gov

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