

PROJECT NUMBER: 35-162-96E and 35-162-96M

TITLE: HVAC Replacement in Headworks Building

LOCATION: Plum Borough, Allegheny County, Pennsylvania

OWNER: Plum Borough Municipal Authority

MANAGER(S): Doug J. Evans

ESTIMATED COST: \$ 65,000 Electrical
\$102,000 Mechanical

BID ADVERTISEMENT

CONTRACT NUMBER: 35-162-96E and 35-162-96M

HVAC REPLACEMENT IN HEADWORKS BUILDING

Sealed Bids are requested by the Plum Borough Municipal Authority at 4555 New Texas Road, Pittsburgh, PA 15239-1197 until 10:00 A.M. prevailing time, Tuesday, June 18, 2019 for an Electrical Bid and a Mechanical Bid for a project entitled: HVAC Replacement in Headworks Building. Bids will be opened publicly and read aloud immediately after the closing time for receipt of Bids.

Interested parties may view the Profile and Bid Schedule for this Project on the internet at: www.niraengineers.com.

Copies of the Bid Documents may be examined at the office of the Plum Borough Municipal Authority or at the office of NIRA Consulting Engineers, Inc., 950 Fifth Avenue, Coraopolis, Pennsylvania 15108. Copies thereof may be obtained from the office of NIRA Consulting Engineers, Inc., upon payment of a non-refundable sum of \$65.00. An additional charge of \$10.00 will be required for handling of Plans and Specifications when shipping is requested. Checks are to be made payable to NIRA Consulting Engineers, Inc. Bids must be submitted on the forms provided, and completed in strict accordance with the instructions provided. Each Bid must be accompanied by a Bid Bond, in the form of a Certified Check or Corporate Surety Bid Bond, in the amount of ten percent (10%) of the Bid Proposal made in the favor of the Plum Borough Municipal Authority. Only documents obtained directly from the Engineer/Architect will be valid at bid opening.

A Performance Bond, Labor and Material Payment Bond, and Maintenance Bond in the amounts specified within the Contract Documents will be required of the successful Bidder.

Bidders on this work will be required to comply with the Provisions of the Pennsylvania Prevailing Wage Act 442. The Prevailing Wage Scale is included in these Specifications.

Bidders on this work will be required to comply with the Provisions of the Public Works Employment Verification Act (PWEVA).

Adherence to Instructions to Bidders is required.

No Bid or any part thereof shall be withdrawn by Bidder for a period of sixty (60) days subsequent to the Bid Opening.

The right is reserved by the Owner to reject any or all Bids or parts of bids and to waive technical defects in any Bid.

PROJECT SCOPE

The Plum Borough Municipal Authority intends to replace the existing HVAC system in the Headworks Building at the Holiday Park Sewage Treatment Plant. Upgrades will also include replacing corroded equipment, piping, valves, conduit, wiring, etc., select demolition, and other miscellaneous items in the Headworks Building. A new non-potable water shut off valve for the Headworks Building water supply will be installed in the Controls Building. Work includes furnishing all labor, tools, and materials, and the purchase, delivery, and installation of all new equipment. Work will be done within two (2) Contracts: Electrical and Mechanical.

BID SCHEDULE

BID SCHEDULE – ELECTRICAL

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT
1.	Mobilization, Bonds, Shop Drawings, and Insurance.	JOB	LS
2.	Selective Electrical Demolition.	JOB	LS
3.	Conduit/Wiring/Equipment for Supply Fan, Exhaust Fan, Motorized Dampers, Unit Heaters, and Thermostats.	JOB	LS
4.	Conduit/Wiring/Equipment for Compactor.	JOB	LS
5.	Conduit/Wiring/Equipment for Sewage Flow Screen System.	JOB	LS
6.	Conduit/Wiring/Equipment for Luminaires.	JOB	LS
7.	Startup and Testing.	JOB	LS
8.	Project Closeout and Record Drawings.	JOB	LS
NOTE:	See Section 01 22 00 For More Detailed Descriptions of Bid Items.		

BID SCHEDULE – MECHANICAL

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT
1.	Mobilization, Bonds, Shop Drawings, and Insurance.	JOB	LS
2.	Installation of 4 Inch Mueller Gate Valve with Spool Pieces in Control Building.	JOB	LS
3.	Selective Demolition of PVC and Metal Pipes, Valves, Fittings, Flowmeter and Supports.	JOB	LS
4.	Demolition of Ventilation Shutters, Heaters, and Thermostats.	JOB	LS
5.	Removal of Entrance Door and Frame.	JOB	LS

6.	Installation of New Pipes, Valves, Fittings, Flowmeter, and Supports.	JOB	LS
7.	Installation of New Fans, Motorized Dampers, Bug Screen, Protective Guards, Weather Guard, and Controls.	JOB	LS
8.	Enclose Remaining Areas in Ventilation (2 x 4 Foot) Wall Openings.	JOB	LS
9.	Installation of Heaters and Controls.	JOB	LS
10.	Install New Door and Frame.	JOB	LS
11.	Painting.	JOB	LS
12.	Startup and Testing.	JOB	LS
13.	Project Clean-up, Closeout Documentation.	JOB	LS
14.	Customer Elective Option for Startup and Testing.	XXXX	XXXX
NOTE:	See Section 01 22 00 For More Detailed Descriptions of Bid Items.		