

Pigeon Forge, Tennessee Influent Drum Screen Rehabilitation Project

June 8, 2022

Bid Specifications

Prepared By:

Veolia Water North America

For the

City of Pigeon Forge, Tennessee

P.O. Drawer 1350

Pigeon Forge TN 37868-1350

Public Works Office: 865-429-7312

Wastewater Treatment Plant: 865-428-3558

NOTICE OF BID

The City of Pigeon Forge is receiving bids for the rehabilitation of (1) influent drum screen and related building modifications at the Pigeon Forge Wastewater Treatment Plant.

Specifications may be obtained from Veolia Water North America, 2530 City Park Drive, Pigeon Forge, Tennessee between the hours of 8:00 a.m. and 4:30 p.m., Monday thru Friday.

A mandatory Pre-Bid meeting will be held on June 21st 2022 at 10:00 AM at the Pigeon Forge Wastewater Treatment plant located at 2530 City Park Drive, Pigeon Forge Tn.

All bids must be in a sealed envelope with the bidder's name and address, State of Tennessee contractor license number and the reference "Influent Drum Screen Rehabilitation Project" clearly marked on the outside of the envelope.

Bids should be transmitted through UPS or Federal Express and shall be addressed to: Mark Miller, City of Pigeon Forge, Department of Public Works, 3211 Rena Street 37863. Bids will be received until 2:00 PM on July 7th 2022 at the City of Pigeon Forge Public Works department located at 3211 Rena Street, Pigeon Forge TN, at which time they will be opened and read aloud.

The City reserves the right to reject any or all bids or to accept the bid most favorable to the City.

This 8th day of June, 2022

Department of Public Works
Pigeon Forge, Tennessee 37863

	Project Description Influent Drum Screen Rehabilitation	
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DESCRIPTION

The Pigeon Forge Wastewater treatment plant utilizes (2) Wes-tech drum screens to remove debris from all wastewater entering the treatment plant. Both drum screens are located in a room on the second floor of the influent screen room. There are currently no large access doors, however there are cut outs in the concrete wall for future access by demolition. The room is ventilated by a large piping system located over the screens that pull air from the room to an odor control system.

It was recently discovered that one of the two drums have developed cracks that have resulted in one unit being removed from service. It was determined that failure was caused by hydrogen sulfide in the influent wastewater that resulted in weakening of the metal and welds of the drum.

The parts required to repair both screens have been ordered and are expected to be delivered in August of 2022.

PROJECT SCOPE

1. The contractor will be responsible for confirming all applicable site measurements and developing a plan to safely and efficiently complete the scope of work.
2. Demolition of (1) existing 12 inch thick concrete wall to result in a 9 x 12 foot opening for access to the room and associated equipment. After job completion, a block wall will be installed to close the opening.
3. Move all associated parts and equipment required to safely complete the project from ground to the influent screen room. Parts for the second screen will be stored in the room for installation under a separate bid at a later date.
4. Installation of all new parts (see attached parts list) required to complete the rehabilitation of (1) drum screen per the instructions provided by an on-site manufacturer's representative.
5. Modification of head box to include installation of 3' clean-out and coupling
6. The Contractor will provide all tools, hoists, cranes and equipment required to safely complete the job.
7. The contractor shall follow all OSHA requirements related to the job scope.

BIDDER REQUIREMENTS

1. All bidders must be a licensed contractor in the State of Tennessee.
2. The successful bidder shall carry a minimum of 1 million dollars in general liability insurance. The City of Pigeon Forge and Veolia Water must be listed as an additional insured.

**Pigeon Forge, Tennessee
Influent Drum Screen Rehabilitation Project
Bid Form**

Bidders Name: _____

Address: _____

City: _____ State: _____ Phone: _____

<u>Description</u>	<u>Price</u>
Wall Demolition	_____
Drum Screen Rehabilitation	_____
Total	_____

Bids hand delivered or sent by courier (Federal Express or UPS) shall be sent to:

Pigeon Forge Public Works Department
3211 Rena Street
Pigeon Forge TN, 37863

Mailed Bids shall be sent to:

City of Pigeon Forge
P.O. Box 1350
Pigeon Forge TN, 37868