

32048

To: Board of Acquisition and Contract

From: Thomas J. Lauro, P.E.
Commissioner of Environmental Facilities

Date: February 01, 2013

Re: Request for **Authority to Solicit Bids by Public Advertisement** for
Contract No. **EF-1209**
Overhaul of Three (3) Compressors at Yonkers Joint Wastewater Treatment Plant,
Westchester County, New York

Attached for your consideration is a resolution, which, if approved by your Honorable Board, would authorize the Department of Environmental Facilities to solicit bids by public advertisement for the above referenced project. The work under this contract consists of providing all necessary labor, materials and tools required to disassemble, load and transport compressors to be completely overhauled and then returned to the site for re-installation. In order to maintain continuous operation of the plant, compressors will be removed one at a time and then re-installed before proceeding with the next.

The compressors are a critical component of the wastewater treatment process and are used to increase the pressure of digester gas. All of the subject compressors were located in below grade facilities of the Yonkers Joint Wastewater Treatment Plant and were damaged due to the effects of Superstorm Sandy. The storm surge resulted in river water entering plant facilities and causing extensive damage to the underground infrastructure due to water infiltration and the resulting salt-water affects.

This contract to overhaul up to three (3) compressors is for a scheduled duration of 12 months.

The goals and objectives of the Contract are to obtain the services of a contractor who has the specialized equipment and manpower resources available to undertake the work, consisting of the following tasks:

1. Disassemble the compressors one at a time, load onto a flatbed trailer and transport to the shop where the rehabilitation work will take place,
2. Completely rebuild the internal components consisting of the following: new explosion proof electric motor, crankshaft, crosshead, set of main bearings, piston rod, transmitters, control solenoids, discharge/suction valves, differential/temperature switches, actuators, oil pump, Kammer valve, and temperature gauges,

3. Calibrate replacement pressure switches, transmitters, solenoids, pressure/temperature gauges, oil level switches, Kammer valve, level switches, actuators, temp switches and differential pressure switch,
4. Rework the compressor cylinders, chassis, and aftercooler,
5. Transport the overhauled compressor back to the site and reinstall the unit, and
6. Provide testing, start-up services, and employee training to DEF staff.

The overhauling of compressors will assist the County in recovering from damage to key equipment systems caused by Superstorm Sandy. Restoring each compressor to its optimum performance will enable the desired objective for increased process efficiency. Department representatives will track and monitor the overhauling of compressors and receive signed service reports which will be submitted with payment requests. The Contractor will be responsible to comply with all applicable regulations and industry standards.

Issuing this contract is fiscally responsible because the specialized tools, equipment and materials needed to perform the work are not readily available and it would be more costly for DEF personnel to procure these items independently. A specialty contractor who is regularly engaged in a similar type of compressor rehabilitation work has the necessary manpower training and equipment resources to cost effectively perform the work.

This Contract is deemed to fulfill a public purpose as the services provided under this Contract protect the building facilities and equipment systems that are operated by DEF personnel and enable the Department to carry out its basic mission to provide wastewater treatment and maintaining satisfactory water quality.

Approval of the attached resolution is respectfully requested.

RESOLUTION

Upon communication from the Commissioner of Department of Environmental Facilities,

RESOLVED, that the Commissioner of Environmental Facilities is hereby authorized to solicit bids by public advertisement for the following Contract:

CONTRACT NO. EF-1209

Overhaul of Three (3) Compressors at Yonkers Joint Wastewater Treatment Plant,
Westchester County, New York

and be it further;

RESOLVED, that adequate and sufficient security for the faithful performance of this contract shall be deemed to be receipt of a performance and payment bond in an amount equal to 100% of the total contract amount, and in a form approved by the County Attorney. The Bond Underwriter or Surety must appear on the U.S. Treasury's listing of approved sureties (Department Circular 570) and all Sureties must be licensed to transact business in New York as a surety company; and be it further;

RESOLVED, Pursuant to Section 308.01 of the Laws of the County of Westchester, it is the goal of the County to use its best efforts to encourage, promote and increase the participation of business enterprises owned and controlled by persons of color or women - Minority Business Enterprise (MBE) and Women Business Enterprise (WBE) and be it further;

RESOLVED, that such advertisement shall appear in the following County newspaper(s):

THE JOURNAL NEWS (Southern Edition)

	Fund	Dept	Major Program, Program & Phase or Unit	Object/Sub	Trust Account	Dollars
Account to be charged/credited	N/A					

Budget Funding Year (s) _____ Start Date: _____ End Date: _____
 (must match resolution)

Funding Source Tax dollars _____
 State Aid _____
 Federal Aid _____

_____ (must match resolution)