

42993

TO: Board of Acquisition and Contract

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

DATE: November 3, 2014

RE: Request for **Authority to Solicit Bids by Public Advertisement** for
Contract No. EF-1415
Cleanout of a 7000 Gallon Capacity Potassium Permanganate Storage Silo
Westchester County, Yonkers Joint Wastewater Treatment Plant
1 Fernbrook Street, Yonkers, NY

Attached for your consideration is a resolution, which, if approved by your Honorable Board, would authorize the Department of Environmental Facilities ("the Department") to solicit bids by public advertisement to furnish all labor and equipment necessary for Cleanout of a 7000 Gallon Capacity Potassium Permanganate Storage Silo. The 7000 gallon capacity silo at Yonkers WWTP stores granular-powdered potassium permanganate (KMNO₄). The chemical is used to treat the primary sludge thickeners to control the odors and preventing the thickeners from going septic.

Due to changes in process control and upgraded odor control systems at the plant, the daily use of potassium permanganate has been substantially reduced. Due to the silo's close proximity to the Hudson River, high humidity and reduced chemical use, this has resulted in solidification and clumping of the potassium permanganate stored in silo. The clumping of this chemical clogs the delivery lines and renders the entire unit inoperable. The failure of the system has happened numerous times and the plant, as well as the manufacturer, tried different corrective measures but the problem has not been resolved. Before the product completely solidifies in the silo, it is advised that the silo be emptied and cleaned. This will require breaking the chunks of potassium permanganate down and removing the material from the silo. The product will be salvaged by placing it in 35-55 gallon drums for future use as needed.

The work to be performed, as part of the required corrective work plan, under this Contract consists of furnishing certified trained labor, equipment, containers, personal protective equipment, certifications and permits to perform the removal of the product from the silo, transfer of the product to 35-55 gallon drums and transport the drums to a designated location at the Yonkers Joint WWTP.

This contract is deemed to fulfill a public purpose as the services provided under this Contract promotes the public health and welfare by insuring proper operation of the County's Sewer District facilities and assets. The objective of this contract is the safe removal and salvaging of the stored product for later use, which will allow for the safety of the personnel at the Yonkers Joint WWTP and the efficient reuse of the chemical at this or another County facility at a future date. The work will be monitored by representatives of the department throughout the contract to make sure all applicable regulations, safety precautions and codes regarding the protection of persons and property are adhered to and that a cost-effective project is the end product.

RESOLUTION

Upon communication from the Commissioner of the Department of Environmental Facilities,
be it

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

CONTRACT NO. EF-1415

Cleanout of a 7000 Gallon Capacity Potassium Permanganate Storage Silo
Westchester County, Yonkers Joint Wastewater Treatment Plant
1 Fernbrook Street, Yonkers, NY

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 Bond in the amount of 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, that this advertisement for bids will state that 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:

THE JOURNAL NEWS (SOUTHERN EDITION)

**Account to be
Charged/Credited**

Year	Fund	Dept	Major Program, Program & Phase Or Unit	Object/ Sub-Object	Trust Account	Dollars
N/A						

Budget Funding Year(s) N/A **Start Date** _____ **Date** _____

(must match resolution)

Funding Source

(must match resolution)

Tax Dollars _____

State Aid _____

Federal Aid _____

Other _____