

59859

TO: Board of Acquisition and Contract

FROM: Vincent F. Kopicki, PE
Commissioner of Public Works and Transportation

DATE: November 21, 2017

SUBJECT: First Amendment to Agreement No. 14-920 in the matter of Engineering Services in connection with the Dissolved Air Flotation Thickeners and Related Secondary Sludge Handling Equipment Upgrades, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York

Consultant: Savin Engineers, P.C. (MBE)
Amendment Amount: \$510,328.00

Authority of your Honorable Board is requested to amend the existing Agreement between the County of Westchester ("County") and Savin Engineers, P.C. ("Consultant"), 3 Campus Drive, Pleasantville, New York 10570. The original Agreement dated September 8, 2014, was for design services associated with the Dissolved Air Flotation Thickeners and Related Secondary Sludge Handling Equipment Upgrades, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York.

The engineering services included in the original Agreement have been in progress. The Consultant has completed the construction contract documents and bid analysis. The County has been satisfied with the quality of services provided to date. A construction contract for this project was awarded to Mace Contracting Corporation on September 21, 2017. Construction work for this project is anticipated to begin in November 2017. Construction administration services are required at this time.

It is therefore requested that the existing Agreement be amended to provide for engineering services in connection with the Dissolved Air Flotation Thickeners and Related Secondary Sludge Handling Equipment Upgrades, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York. The Consultant shall provide construction administration services associated with this project. For construction administration services, the Consultant shall monitor the construction procedures on the site to ensure compliance with the contract documents, coordinate scheduled activities of the contractors, submit construction progress reports and review and process contractors' applications for payment.

Board of Acquisition and Contract
Agreement No. 14-920, First Amendment
Dissolved Air Flotation Thickeners and Related Secondary Sludge Handling Equipment Upgrades
Yonkers Joint Wastewater Treatment Plant
Yonkers, New York
Savin Engineers, PC
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The objective of this project is to provide upgrades to the Dissolved Air Flotation (“DAF”) Thickeners and Related Secondary Sludge Handling Equipment at the Yonkers Joint Wastewater Treatment Plant which were originally installed in 1978. The last related rehabilitation was completed in the mid-1990s and encompassed collection equipment and pumps. This upgrade project will be more comprehensive in nature to replace high wear items and equipment that is original to the 1978 upgrade and is almost 40 years old. The existing equipment, systems and controls are antiquated, inefficient, labor intensive and require heavy maintenance, and involves down time. Because a majority of the system components are at the end of their useful life, it has led to an increase in overall sludge processing and process control cost due to down time, repairs and higher polymer usage. This major system upgrade will also incorporate mitigation measures which address future occurrences of flooding, climate change, and sea level rise by moving the affected equipment from the Administration Building basement to a new higher location above ground level. The Westchester County Department of Environmental Facilities (“WCDEF”) anticipates receipt of potential funding for a portion of this project from the Federal Emergency Management Agency (“FEMA”) under their Hazard Mitigation Grant Program. This work is necessary to insure that the facility operates reliably and efficiently. This agreement will benefit the public as it will ensure that the plant’s operations are safe and environmentally compliant, thereby enhancing the health and general welfare of the residents of Westchester County.

The engineering discipline encompassed in this Amendment is not new, but rather, it is an integral part of the project that involves the same degree of skill, experience and complexity as the expertise generally described in the original project. Accordingly, this type of engineering discipline was originally contemplated in the Professional Prequalification Board and Professional Selection Board process.

The fee for the above services is for an amount of \$510,328.00 pursuant to an approved budget, bringing the total Agreement plus Amendment to \$1,229,966.00. The completion date of the Agreement shall be extended to December 31, 2020.

The Department of Public Works and Transportation will track scheduling and accomplishments by the Consultant and perform on-site inspections to ensure the successful completion of this project.

Proposed form of Resolution to accomplish the foregoing is attached hereto.

VFK/LR/AS

RESOLUTION

Upon communication from the Commissioner of Public Works and Transportation, be it hereby

RESOLVED, that the existing Agreement between the County of Westchester (“County”) and Savin Engineers, P.C. (“Consultant”), 3 Campus Drive, Pleasantville, New York 10570, be amended to provide for engineering services in connection with the Dissolved Air Flotation Thickeners and Related Secondary Sludge Handling Equipment Upgrades, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York. The Consultant shall provide construction administration services associated with this project. For construction administration services, the Consultant shall monitor the construction procedures on the site to ensure compliance with the contract documents, coordinate scheduled activities of the contractors, submit construction progress reports and review and process contractors’ applications for payment; and be it further

RESOLVED, that for the additional services rendered in accordance with the Consultant’s proposal, Savin Engineers, P.C., shall be paid a fee of \$510,328.00 pursuant to an approved budget, increasing the total maximum fee to \$1,229,966.00; and be it further

RESOLVED, that the completion date of the Agreement shall be extended to December 31, 2020; and be it further

RESOLVED, that all other provisions of the existing Agreement shall remain in full force and effect; and be it further

RESOLVED, that the County Executive or his duly authorized designee is hereby authorized and empowered to execute any and all documents necessary or appropriate to effectuate the purposes hereof.

Original Agreement	\$	719,638.00	(Design Services)
This Amendment		<u>510,328.00</u>	(Construction Administration Services)
TOTAL	\$	1,229,966.00	

Agreement No. 14-920

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	322	60	SY02500I	6120-05	BA #190-2015 BA # 64-2017	\$ 326,344.00
	322	60	SY04308S	6120-05	BA #180-2012	\$ 183,984.00

Budget Funding Year(s): 2017 Start Date: 09/08/14 End Date: 12/31/20
(must match resolution)

Funding Source: Tax Dollars: \$344,742.40 (County) Contractor Federal I.D. No./
State Aid: _____ Social Security No.: _____
\$510,328.00 Federal Aid: \$165,585.60 (FEMA) Vendor No.: _____
(must match resolution) Other: _____ Encumbrance No.: _____