

83841

TO: Board of Acquisition and Contract

FROM: Hugh J. Greechan, Jr., PE
Commissioner of Public Works and Transportation

DATE: March 30, 2021

SUBJECT: Second 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: \$445,974.00

The County of Westchester ("County"), acting by and through its Department of Public Works and Transportation ("Department"), entered into Agreement Number 14-920 ("Agreement"), dated September 8, 2014, with Savin Engineers, P.C. ("Consultant"), an MBE firm, 3 Campus Drive, Pleasantville, New York 10570, wherein the Consultant was to provide 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 Agreement was thereafter amended by Resolution approved December 14, 2017, for construction administration services associated with this project and to extend the term of the Agreement to December 31, 2020.

The engineering services included in the original Agreement are in progress. 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. Due to unforeseen field conditions, construction is expected to take longer than originally anticipated. Due to the extended construction time frame, additional design services during construction and construction administration services are necessary at this time.

Authority of your Honorable Board is therefore requested to further amend the existing Agreement retroactively from December 31, 2020 to provide for additional engineering services for the Dissolved Air Flotation Thickeners and Related Secondary Sludge Handling Equipment Upgrades, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York. The Consultant shall provide additional design services and construction administration services associated with this project. Additional design services shall include shop drawing and submittal review, attendance at project meetings, periodic site visits and preparation of as-built drawings. 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, Second 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 over 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. 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 \$445,974.00 pursuant to an approved budget, bringing the total Agreement plus Amendments to \$1,675,940.00. The completion date of the Agreement shall be extended to December 31, 2023.

The Department 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.

HJG/LR/as

RESOLUTION

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

RESOLVED, that the existing Agreement No. 14-920 ("Agreement") between the County of Westchester ("County") and Savin Engineers, P.C. ("Consultant"), an MBE firm, 3 Campus Drive, Pleasantville, New York 10570, be amended retroactively from December 31, 2020 to provide for additional 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 additional design services and construction administration services associated with this project. Additional design services shall include shop drawing and submittal review, attendance at project meetings, periodic site visits and preparation of as-built drawings. 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 \$445,974.00 pursuant to an approved budget, increasing the total maximum fee to \$1,675,940.00; and be it further

RESOLVED, that the completion date of the Agreement shall be extended to December 31, 2023; 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)
First Amendment		510,328.00	(Construction Administration Services)
This Amendment		445,974.00	(Additional Design and Construction Administration Services)
TOTAL	\$	1,675,940.00	

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	SY025-00-E	6120-03	BA #190-2015 BA # 64-2017	\$ 154,494.00
	322	60	SY025-00-I	6120-05	BA #190-2015 BA # 64-2017	\$ 291,480.00

Budget Funding Year(s): 2021 Start Date: 09/08/14 End Date: 12/31/23
(must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
State Aid: _____ Social Security No.: _____
\$445,974.00 Federal Aid: _____ Vendor No.: _____
(must match resolution) Other: _____ Encumbrance No.: _____