

41545

TO: Board of Acquisition and Contract
FROM: Jay T. Pisco, PE
Commissioner of Public Works and Transportation
DATE: July 29, 2014
SUBJECT: Authority to Enter into Agreement #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, PC (MBE)
Agreement Amount: \$719,638.00

Subconsultant Approval: Warren & Panzer Engineers, PC
Gemmola & Associates

Authority of your Honorable Board is requested to enter into an Agreement 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 design services associated with this project. Design services shall include the preparation of construction contract documents (drawings and specifications), construction cost estimates, any required addenda, and a bid analysis including an evaluation of the bids to determine compliance with bidding requirements and whether the bidders are responsible so that the County may recommend award of the construction contracts. In addition, the consultant shall provide design services during construction consisting of shop drawing and submittal review, attendance at project meetings, periodic site visits and preparation of as-built drawings. The County of Westchester also reserves the right to amend this Agreement with the consultant at a future date to provide for construction phase services including but not limited to construction administration services and project close-out services.

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 35 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”) has submitted this project to the Federal Emergency Management Agency (“FEMA”) for potential funding under their Hazard Mitigation Grant Program. This work is necessary to insure that the facility operates reliably and efficiently. It should be noted that energy efficiencies will be evaluated during the design phase using Leadership in Energy and Environmental Design (“LEED”) recommendations and improvements, and those applicable to the required work will be incorporated to help reduce energy usage, maintenance and manpower costs. 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.

Board of Acquisition and Contract

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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 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.

Since the estimated fee for professional services was greater than \$100,000, in accordance with the Rules of the Professional Prequalification and Selection Boards, on August 6, 2009, a meeting of the Professional Prequalification Board was held to discuss the scope of work and request a list of qualified firms to provide the necessary services. The list was reviewed by the Professional Selection Board on April 10, 2012 whereby AECOM USA, Inc.; ARCADIS of New York, Inc.; Camp Dresser McKee & Smith; Dvirka and Bartilucci Consulting Engineers, A Division of D&B Engineers and Architects, PC; GHD Consulting Services Inc.; Hazen and Sawyer, PC; and Savin Engineers, PC were selected to possibly perform said services. On January 28, 2014, a request for proposal (RFP) was sent to the qualified firms and subsequently proposals were received on March 4, 2014.

After reviewing the proposals, and based on the evaluation criteria set forth in the request for proposal, including technical merit and net cost, the Professional Selection Board at its meeting held May 27, 2014, selected Savin Engineers, PC, 3 Campus Drive, Pleasantville, New York 10570, as the number one firm to perform 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, for a total fee of \$719,638.00, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, Savin Engineers, PC, has requested the utilization of the following subconsultants: Warren & Panzer Engineers, PC (Hazardous Materials Investigation Services), 228 East 45th Street, New York, New York 10017; and Gemmola & Associates (Architectural Design Services), 317 Elwood Avenue, Hawthorne, New York 10532.

The proposed has been reviewed and is judged to be responsive to the task at hand.

This matter has been reviewed by the Deputy County Executive and the Commissioner of the Department of Environmental Facilities, and they are in concurrence.

I recommend adoption of the attached proposed Resolution.

RESOLUTION

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

RESOLVED, that approval is hereby granted to enter into an Agreement with the firm of Savin Engineers, PC, 3 Campus Drive, Pleasantville, New York 10570, for engineering services associated 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 design services associated with this project. Design services shall include the preparation of construction contract documents (drawings and specifications), construction cost estimates, any required addenda, and a bid analysis including an evaluation of the bids to determine compliance with bidding requirements and whether the bidders are responsible so that the County may recommend award of the construction contracts. In addition, the consultant shall provide design services during construction consisting of shop drawing and submittal review, attendance at project meetings, periodic site visits and preparation of as-built drawings. The County of Westchester also reserves the right to amend this Agreement with the consultant at a future date to provide for construction phase services including but not limited to construction administration services and project close-out services; and be it further

RESOLVED, that for services rendered in accordance with the consultant's proposal, a total compensation of \$719,638.00, shall be provided pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultants also be approved: Warren & Panzer Engineers, PC (Hazardous Materials Investigation Services), 228 East 45th Street, New York, New York 10017; and Gemmola & Associates (Architectural Design Services), 317 Elwood Avenue, Hawthorne, New York 10532; and be it further

RESOLVED, that the Agreement shall commence upon the consultant's receipt of written notice from the Commissioner of Public Works and Transportation or his designee and that the completion date shall be December 31, 2019; 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.

JTP/LR/AS

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	SY02500E	6120-03	BA #188-2009	\$ 719,638.00

Budget Funding Year(s): 2014 Start Date: 09/01/2014 End Date: 12/31/2019
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$719,638.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____

Board of Acquisition and Contract

Agreement No. 14-920

Dissolved Air Flotation Thickeners and Related Secondary Sludge Handling Equipment Upgrades

Yonkers Joint Wastewater Treatment Plant

Yonkers, New York

Savin Engineers, PC

List of Respondents

AECOM USA, Inc. 605 Third Avenue, 27 th Floor New York, New York 10158 (212) 984-7300	\$ 965,478.00
Camp Dresser McKee & Smith 60 Crossways Park West, Suite 340 Woodbury, New York 11797 (516) 496-8400	\$ 1,255,378.62
Dvirka and Bartilucci Consulting Engineers, A Division of D&B Engineers and Architects, PC 330 Crossways Park Drive Woodbury, New York 11797 (516) 364-9890	\$ 769,879.63
GHD Consulting Services Inc. One Remington Park Drive Cazenovia, New York 13035 (315) 655-8161	\$ 719,850.00
Hazen and Sawyer, PC 498 Seventh Avenue New York, New York 10018 (212) 777-8400	\$ 899,000.00
Savin Engineers, PC 3 Campus Drive Pleasantville, New York 10570 (914) 769-3200	\$ 719,638.00