

49741

TO: Board of Acquisition and Contract
FROM: Jay T. Pisco, PE
Commissioner of Public Works and Transportation
DATE: November 24, 2015
SUBJECT: Authority to Enter into Agreement #15-953
In the matter of Engineering Services in connection with the
Sluice Gate Replacement, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York

Consultant: ~~Savin Engineers, PC (MBE)~~
Agreement Amount: ~~\$667,750.00~~

Subconsultant Approval: Warren & Panzer Engineers, PC

Authority of your Honorable Board is requested to enter into an Agreement in connection with the Sluice Gate Replacement, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York. The consultant shall provide design and construction administration 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. 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.

The objective of this project is to replace the sluice gates and install electric actuators for the aeration tanks, Settled Sewage Structure, and North Control Structure at Yonkers Joint Wastewater Treatment Plant. The project will also include the reconditioning and/or replacement of the 48-inch diameter butterfly valves from the aeration tanks. The existing sluice gates and butterfly valves on the aeration tanks are almost forty (40) years old and require replacement and/or reconditioning. A number of sluice gates have deteriorated to the point of falling into the aeration tanks, creating a loss of wastewater flow control and preventing the isolation of the tanks in order to provide required maintenance of the air diffusers and piping. Secondary treatment facilities can operate in a more controlled manner by providing electric actuators on the new sluice gates as well as providing the plant operators with Supervisory Control and Data Acquisition ("SCADA") capability for more efficient flow regulation between processes and enhanced wet weather operation. This agreement will benefit the public as it will ensure that the facility's operations are safe and environmentally compliant, thereby enhancing the health and general welfare of the residents of Westchester County.

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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 October 24, 2013, 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 November 26, 2013 whereby D&B Engineers and Architects, PC; Greeley and Hansen, LLC; H2M Architects and Engineers; O'Brien & Gere Engineers, Inc.; and Savin Engineers, PC were selected to possibly perform said services. On July 10, 2015, a request for proposal (RFP) was sent to the qualified firms and subsequently four (4) proposals were received on September 2, 2015.

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 October 5, 2015, selected Savin Engineers, PC, 3 Campus Drive, Pleasantville, New York 10570, as the number one firm to perform engineering services in connection with the Sluice Gate Replacement, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York, for a total fee of \$667,750.00, 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 subconsultant: Warren & Panzer Engineers, PC (Hazardous Materials Investigation Services), 228 East 45th Street, New York, New York 10017.

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

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.

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.

JTP/LR/AS

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 Sluice Gate Replacement, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York. The consultant shall provide design and construction administration 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. 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 services rendered in accordance with the consultant's proposal, a total compensation of \$667,750.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultant also be approved: Warren & Panzer Engineers, PC (Hazardous Materials Investigation Services), 228 East 45th Street, New York, New York 10017; 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, 2020; 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.

Agreement No. 15-953

Account to be Charged/Credited

Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
322	60	SY01800E	6120-03	BA #183-2009	\$356,650.00
322	60	SY01800I	6120-05	BA #183-2009	\$311,100.00

Budget Funding Year(s): 2015 Start Date: 12/31/2015 End Date: 12/31/2020
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$667,750.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____