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TO: Board of Acquisition and Contract

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

DATE: August 22, 2017

SUBJECT: Authority to Enter into Agreement #17-923 in the matter of Engineering Services in connection with Kensico Dam Chemical Bulk Storage System Rehabilitation, Westchester County Water District Number 1, Valhalla, New York

Consultant: D&B Engineers and Architects, PC
Agreement Amount: \$92,313.00

Authority of your Honorable Board is requested to enter into an Agreement in connection with engineering services for Kensico Dam Chemical Bulk Storage System Rehabilitation, Westchester County Water District Number 1, Valhalla, New York. The consultant shall provide design services during construction and construction administration services associated with this project. Design services during construction 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.

The objective of this project will be to rehabilitate disinfection and corrosion control facilities located at the Kensico Dam which serves Westchester County Water District Number 1 ("WCWD #1") that supplies water to the municipalities of White Plains, Scarsdale, Yonkers, and Mount Vernon. The existing equipment and systems are at the end of their useful life and require rehabilitation. The chemical bulk storage system that provides disinfection and corrosion control at the Kensico Dam includes a sodium hypochlorite system (3 storage tanks), an orthophosphate system (2 storage tanks), and a sodium hydroxide system (2 storage tanks). The scope of work for this project includes, but is not limited to, the following: restoration of all 7 tank exteriors; removal and re-lining of all 7 tanks; replacement of product nozzle on all 3 sodium hypochlorite tanks; removal and re-installation of tank level sensors on all 7 tanks; replacement of anchor leg on one orthophosphate system tank; installation of corrosion resistant floor coatings; and installation of sump pumps, tank lining, tank penetrations, and tank level sensors. This agreement will benefit the public as it will ensure the health and safety of WCWD #1's water users and will provide for the continued environmentally compliant operation of WCWD #1.

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 November 16, 2015, 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 June 20, 2017, whereby D&B Engineers and Architects, PC; O'Brien & Gere Engineers, Inc.; and Woodard & Curran Engineering PA PC were selected to possibly perform said services. On July 5, 2017, a request for proposal (RFP) was sent to the qualified firms and subsequently three (3) proposals were received on July 27, 2017.

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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 August 14, 2017, selected D&B Engineers and Architects, PC, 4 West Red Oak Lane, Suite 315, White Plains, New York 10604, as the number one firm to perform engineering services in connection with Kensico Dam Chemical Bulk Storage System Rehabilitation, Westchester County Water District Number 1, Valhalla, New York, for a total fee of \$99,313.00, pursuant to an approved budget, which represents the best possible contract for the County.

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.

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.

VFK/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 D&B Engineers and Architects, PC (the "Consultant"), 4 West Red Oak Lane, Suite 315, White Plains, New York 10604, for engineering services associated with Kensico Dam Chemical Bulk Storage System Rehabilitation, Westchester County Water District Number 1, Valhalla, New York. The Consultant shall provide design services during construction and construction administration services associated with this project. Design services during construction 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 services rendered in accordance with the Consultant's proposal, a total compensation of \$99,313.00, shall be provided, pursuant to an approved budget; 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. 17-923

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	324	60	WD10401I	6120-05	BA #353-2016	\$ 99,313.00

Budget Funding Year(s): 2017 Start Date: 12/11/2017 End Date: 12/31/2020
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$99,313.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____