

50021

TO: Board of Acquisition and Contract
FROM: Jay T. Pisco, PE
Commissioner of Public Works and Transportation
DATE: December 15, 2015
SUBJECT: Authority to Enter into Agreement #15-959
In the matter of Engineering Services in connection with the Sewer System Rehabilitation,
Drake Avenue and Hudson Park Siphon Chambers, New Rochelle Sanitary Sewer District,
New Rochelle, New York

Consultant: ARCADIS of New York, Inc.
Agreement Amount: \$675,000.00

Subconsultant Approval: Charles A. Manganaro Consulting Engineers, PC (**MBE**)
Terry Bergendorff Collins Land Surveying, PLLC (**WBE**)
National Water Main Cleaning Co.

Authority of your Honorable Board is requested to enter into an Agreement in connection with the Sewer System Rehabilitation, Drake Avenue and Hudson Park Siphon Chambers, New Rochelle Sanitary Sewer District, New Rochelle, 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 rehabilitate the Drake Avenue and Hudson Park Siphon Chambers. The Westchester County Department of Environmental Facilities ("WCDEF") has advised that the rehabilitation of the Drake Avenue and Hudson Park Siphon Chambers is required as part of the Phase I and Phase II Capacity Assurance, Management, Operation and Maintenance ("CMOM") program. These siphon chambers are located on the County trunk line that carries untreated sewage to the New Rochelle Wastewater Treatment Plant and crosses under portions of Echo Bay and New Rochelle Harbor. The siphon chambers provide access to the interceptor for removal of debris from the wastewater prior to the interceptor's crossing under the bay and harbor and are in need of rehabilitation. This work provides for upgrading of sewer system components and related controls reaching the end of their useful life, including but not limited to, bar screens, sluice gates, stop logs, ladders, gratings, steps, railings, and ventilation system. 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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Sewer System Rehabilitation
Drake Avenue and Hudson Park Siphon Chambers
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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 8, 2014, 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 12, 2014 whereby AECOM USA, Inc.; ARCADIS of New York, Inc.; D&B Engineers and Architects, PC; Dolph Rotfeld Engineering, PC; H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC d/b/a H2M architects + engineers; Hazen and Sawyer, PC; and Savin Engineers, PC were selected to possibly perform said services. On July 14, 2015, a request for proposal (RFP) was sent to the qualified firms and subsequently five (5) proposals were received on September 3, 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 November 10, 2015, selected ARCADIS of New York, Inc., 44 South Broadway, 15th Floor, White Plains, New York 10601 as the number one firm to perform engineering services in connection with the Sewer System Rehabilitation, Drake Avenue and Hudson Park Siphon Chambers, New Rochelle Sanitary Sewer District, New Rochelle, New York, for a total fee of \$675,000.00, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, ARCADIS of New York, Inc. has requested the utilization of the following subconsultants: Charles A. Manganaro Consulting Engineers, PC (Construction Inspection Services), 7 West Cross Street, Hawthorne, New York 10532; Terry Bergendorff Collins Land Surveying, PLLC (Surveying Services), 52 Starr Ridge Road, Brewster, New York 10509; and National Water Main Cleaning Co. (Siphon Inspection Services), 1806 Newark-Jersey City Turnpike, Kearny, New Jersey 07032.

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 ARCADIS of New York, Inc., 44 South Broadway, 15th Floor, White Plains, New York 10601, for engineering services associated with the Sewer System Rehabilitation, Drake Avenue and Hudson Park Siphon Chambers, New Rochelle Sanitary Sewer District, New Rochelle, 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 \$675,000.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultants also be approved: Charles A. Manganaro Consulting Engineers, PC (Construction Inspection Services), 7 West Cross Street, Hawthorne, New York 10532; Terry Bergendorff Collins Land Surveying, PLLC (Surveying Services), 52 Starr Ridge Road, Brewster, New York 10509; and National Water Main Cleaning Co. (Siphon Inspection Services), 1806 Newark-Jersey City Turnpike, Kearny, New Jersey 07032; 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. 15-959

Account to be Charged/Credited

Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
322	60	SNR8502E	6120-03	BA #65-2014	\$406,000.00
322	60	SNR8502I	6120-05	BA #65-2014	\$269,000.00

Budget Funding Year(s): 2016 Start Date: 01/30/2016 End Date: 12/31/2020
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$675,000.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____