

36078

TO: Board of Acquisition and Contract

FROM: Jay T. Pisco, PE
Commissioner of Public Works and Transportation

DATE: September 23, 2013

SUBJECT: Authority to Enter into Agreement #13-932
In the matter of Engineering Services in connection with a Vulnerability Assessment Study,
Various Wastewater Pumping Stations and Overflow Retention Facilities,
Westchester County, New York

Consultant: Henningson, Durham & Richardson Architecture and Engineering, PC
Agreement Amount: \$132,998.00

Subconsultant Approval: LynStaar Engineering, PC (**WBE**)

Authority of your Honorable Board is requested to enter into an Agreement in connection with a Vulnerability Assessment Study, Various Wastewater Pumping Stations and Overflow Retention Facilities, Westchester County, New York. The consultant shall provide study services associated with this project. For study services, the consultant shall provide data acquisition, verify existing site conditions, perform environmental testing and analysis, develop alternate solutions with associated cost estimates, prepare a draft report for review, and issue a final report indicating recommended options. The study shall include a total of thirty-one (31) wastewater pumping stations and two (2) overflow retention facilities.

The objective of this project is to provide a report which will evaluate and assess the vulnerability to flooding of wastewater treatment infrastructure owned and operated by the Westchester County Department of Environmental Facilities due to climate change, sea level rise, high levels of precipitation, storms, and storm surge. This study will identify and assess the critical areas at each facility, develop mitigation alternatives and include the development of cost estimates and recommendations for a strategy and prioritized implementation schedule of the cost effective capital improvement alternatives in the near term and those that may be deferred to a later date. This work is necessary to prepare for future extreme climate events and to provide protection for the County's flood-prone sanitary facilities. This agreement will benefit the public as it will ensure that the County's wastewater treatment operations are safe and environmentally compliant, thereby enhancing the health and general welfare of County residents.

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 December 21, 2012, 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 January 15, 2013 whereby AECOM USA, Inc.; Barton & Loguidice, PC; CH2M Hill New York, Inc.; Dolph Rotfeld Engineering, PC; GHD Consulting Engineers, LLC; Gibbons, Esposito & Boyce Engineers, PC; Hazen and Sawyer, PC; Henningson, Durham & Richardson Architecture and Engineering, PC; LiRo Engineers, Inc.; Malcolm Pirnie, Inc.; Savin Engineers, PC; STV Incorporated; and URS Corporation were selected to possibly perform said services. On March 12, 2013, a request for proposal (RFP) was sent to the qualified firms and subsequently proposals were received on April 25, 2013.

Board of Acquisition and Contract
Agreement No. 13-932
Vulnerability Assessment Study
Various Wastewater Pumping Stations and Overflow Retention Facilities
Henningson, Durham & Richardson Architecture and Engineering, PC
Page 2

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 29, 2013, selected Henningson, Durham & Richardson Architecture and Engineering, PC, 711 Westchester Avenue, White Plains, New York 10604, as the number one firm to perform engineering services in connection with a Vulnerability Assessment Study, Various Wastewater Pumping Stations and Overflow Retention Facilities, Westchester County, New York, for a total fee of \$132,998.00, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, Henningson, Durham & Richardson Architecture and Engineering, PC, has requested the utilization of the following subconsultant: LynStaar Engineering, PC (Electrical Engineering Evaluation Services), 448-450 Manville Road, Pleasantville, New York 10570.

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 Henningson, Durham & Richardson Architecture and Engineering, PC, 711 Westchester Avenue, White Plains, New York 10604, for engineering services associated with a Vulnerability Assessment Study, Various Wastewater Pumping Stations and Overflow Retention Facilities, Westchester County, New York. The consultant shall provide study services associated with this project. For study services, the consultant shall provide data acquisition, verify existing site conditions, perform environmental testing and analysis, develop alternate solutions with associated cost estimates, prepare a draft report for review, and issue a final report indicating recommended options. The study shall include a total of thirty-one (31) wastewater pumping stations and two (2) overflow retention facilities; and be it further

RESOLVED, that for services rendered in accordance with the consultant's proposal, a total compensation of \$132,998.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultant also be approved: LynStaar Engineering, PC (Electrical Engineering Evaluation Services), 448-450 Manville Road, Pleasantville, New York 10570; 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, 2016; 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. 13-932

Account to be Charged/Credited

Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Trust Account	Dollars
322	60	SW00601S	6120-03		\$ 132,998.00

Budget Funding Year(s): 2013 Start Date: 11/15/2013 End Date: 12/31/2016
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$132,998.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____

Board of Acquisition and Contract
Agreement No. 13-932
Vulnerability Assessment Study
Various Wastewater Pumping Stations and Overflow Retention Facilities
Henningson, Durham & Richardson Architecture and Engineering, PC

List of Respondents

AECOM USA, Inc. 605 Third Avenue, 27 th Floor New York, New York 10158 (212) 867-3067	\$	118,000.00
CH2M Hill New York, Inc. 22 Cortlandt Street, 31 st Floor New York, New York 10007 (212) 608-3990	\$	160,925.00
GHD Consulting Engineers, LLC One Remington Park Drive Cazenovia, New York 13035 (315) 655-8161	\$	171,000.00
Hazen and Sawyer, PC 498 Seventh Avenue New York, New York 10018 (212) 777-8400	\$	133,429.00
Henningson, Durham & Richardson Architecture and Engineering, PC 711 Westchester Avenue White Plains, New York 10604 (914) 993-2000	\$	132,998.00

APPROVED BY BOARD OF ACQUISITION & CONTRACT - 10/17/2013 - JOMARY VIEIRA, SECRETARY