

65095

**TO:** Board of Acquisition and Contract  
**FROM:** Hugh J. Greechan, Jr., PE  
Commissioner of Public Works and Transportation  
**DATE:** September 18, 2018  
**SUBJECT:** First Amendment to Agreement No. 14-922  
in the matter of Engineering Services in connection with the  
North Yonkers Pump Station Upgrades, Yonkers, New York

**Consultant:** GHD Consulting Services Inc.  
**Amendment Amount:** \$292,800.00

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Authority of your Honorable Board is requested to amend existing Agreement Number 14-922 (“Agreement”) between the County of Westchester (“County”) and GHD Consulting Services Inc. (“Consultant”), One Remington Park Drive, Cazenovia, New York 13035. The original Agreement dated August 19, 2014, was for design and construction administration services associated with the North Yonkers Pump Station Upgrades, Yonkers, New York.

The North Yonkers Pump Station Upgrades project is currently in construction and the engineering services included in the original Agreement have been in progress. The County has been satisfied with the quality of services provided to date by the Consultant. During the ongoing North Yonkers Pump Station Upgrades, the following additional tasks have been identified that are not included in the existing Agreement: (1) additional design services for a field survey, process water system design, and modifying Contract Bid Documents for the addition of five bid alternates into the construction documents; (2) additional design services during construction for additional work associated with the process water system and the extended construction schedule for the flood mitigation work; and (3) additional construction administration services for additional work associated with the process water system and the extended construction schedule for the flood mitigation work.

The Design Phase services described in this amendment request have been completed so that all design changes could be incorporated into the Construction Documents prior to bidding. The original design services evaluated several processes that resulted in the selection of equipment that utilized the existing potable water supply. Given the availability of wastewater influent, the County then elected to pursue additional engineering services related to changes to the water system supply (from potable to non-potable). The benefits of the change included: (1) cost-effective and timely integration of the water system modifications under this Construction Contract; (2) changing from the use and reliance on potable water (City water) to influent wastewater to reduce future utility costs; and (3) allowing for further assessment of value through the request for alternate bids. There will be no additional construction costs associated with the additional Design Phase services described in this amendment request.

It is therefore requested that the existing Agreement be amended (“Amendment”) to provide for engineering services in connection with the North Yonkers Pump Station Upgrades, Yonkers, New York. The Consultant shall provide additional design and construction administration services associated with this project that are outside of the scope of work included in the existing Agreement. Additional 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 additional 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 additional 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 County also reserves the right to further amend this Agreement with the Consultant at a future date to provide for subsequent design and construction phase services.

The objective of this project is to upgrade various components of the North Yonkers Pump Station. The work includes, but is not limited to, flood mitigation measures, the repair and/or rehabilitation of several structural deficiencies identified in a prior engineering study, including replacement of the main entrance stair structure and concrete repairs in the pump room, as well as the replacement of the three (3) existing mechanical bar screens and installation of three (3) new screenings washer/compactors. This work is necessary to insure that the facility operates reliably and efficiently. This Amendment 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.

The engineering discipline encompassed in this Amendment is not new, but rather, it is an integral part of the project that involves the same degree of skill, experience and complexity as the expertise generally described in the original project. Accordingly, this type of engineering discipline was originally contemplated in the Professional Prequalification Board and Professional Selection Board process.

The fee for the above services is for an amount of \$292,800.00 pursuant to an approved budget, bringing the total Agreement plus Amendment to \$961,700.00. The completion date of the Agreement shall be extended to December 31, 2022.

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.

Proposed form of Resolution to accomplish the foregoing is attached hereto.

HJG/LR/AS

# RESOLUTION

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

RESOLVED, that the existing Agreement No. 14-922 (“Agreement”) between the County of Westchester (“County”) and GHD Consulting Services Inc. (“Consultant”), One Remington Park Drive, Cazenovia, New York 13035, be amended to provide for engineering services in connection with North Yonkers Pump Station Upgrades, Yonkers, New York. The Consultant shall provide additional design and construction administration services associated with this project that are outside of the scope of work included in the existing Agreement. Additional 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 additional 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 additional 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 County also reserves the right to further amend this Agreement with the Consultant at a future date to provide for subsequent design and construction phase services; and be it further

RESOLVED, that for the additional services rendered in accordance with the Consultant’s proposal, GHD Consulting Services Inc., shall be paid a fee of \$292,800.00 pursuant to an approved budget, increasing the total maximum fee to \$961,700.00; and be it further

RESOLVED, that the completion date of the Agreement shall be extended to December 31, 2022; and be it further

RESOLVED, that all other provisions of the existing Agreement shall remain in full force and effect; 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.

Original Agreement	\$	668,900.00	(Design and Construction Administration Services)
This Amendment		<u>292,800.00</u>	(Additional Design and Construction Administration Services)
TOTAL	\$	961,700.00	

**Agreement No. 14-922**

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	322	60	SPS05-01-E	6120-03	BA #143-2017	\$145,000.00
	322	60	SPS05-01-I	6120-05	BA #143-2017	\$ 4,000.00
	322	60	SW005-02-E	6120-03	BA #164-2017	\$ 28,600.00
	322	60	SW005-02-I	6120-05	BA #164-2017	\$115,200.00

Budget Funding Year(s): 2018 Start Date: 08/19/14 End Date: 12/31/22  
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./  
 State Aid: \_\_\_\_\_ Social Security No.: \_\_\_\_\_  
\$292,800.00 Federal Aid: \_\_\_\_\_ Vendor No.: \_\_\_\_\_  
 (must match resolution) Other: \_\_\_\_\_ Encumbrance No.: \_\_\_\_\_