

84012

TO: Board of Acquisition and Contract
FROM: Hugh J. Greechan, Jr., PE
Commissioner of Public Works and Transportation
DATE: April 6, 2021
SUBJECT: First Amendment to Agreement No. 16-933 in the matter of Engineering Services in connection with the Cove Road Pumping Station Rehabilitation, Mamaroneck Sewer District, Mamaroneck, New York

Consultant: **GHD Consulting Services Inc.**
Amendment Amount: **\$366,450.00**

Subconsultant Approval: *Allied Drilling, Inc. (WBE)*
Tectonic Engineering Consultants, Geologists & Land
Surveyors, D.P.C.

The County of Westchester ("County"), acting by and through its Department of Public Works and Transportation ("Department"), entered into Agreement Number 16-933 ("Agreement"), dated March 8, 2017, with GHD Consulting Services Inc. ("Consultant"), 5788 Widewaters Parkway, Syracuse, New York 13214, wherein the Consultant was to provide design and construction administration services associated with the Cove Road Pumping Station Rehabilitation, Mamaroneck Sewer District, Mamaroneck, New York. The Agreement expires on December 31, 2021.

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. Due to a recent break in the Cove Road Pumping Station force main, the County has requested the Consultant to provide design and construction administration services for replacement of the pumping station's force main. The 6-inch diameter force main is approximately 370 feet in length, and the design will be incorporated into the Cove Road and Edgewater Point Pumping Station Rehabilitation Construction Documents.

Authority of your Honorable Board is therefore requested to amend the existing Agreement between the County and the Consultant to provide for additional engineering services in connection with the Cove Road Pumping Station Rehabilitation, Mamaroneck Sewer District, Mamaroneck, New York. The Consultant shall provide additional design and construction administration services associated with this project. 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 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.

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The objective of this project is to rehabilitate, upgrade, and replace various items of equipment and systems at the Cove Road Pumping Station. The existing equipment and systems are at the end of their useful life and require extensive maintenance which involves down time. Equipment or systems to be replaced or rehabilitated will include, but not be limited to: pumps, controls, valves, piping, electrical system, heating system, ventilation system, installation of security system improvements, and flood hazard mitigation measures. All equipment upgrades will include integration into the supervisory control and data acquisition ("SCADA") system. Neglecting to upgrade these critical elements of the pumping station may result in a failure, including the occurrence of a sewage overflow emergency that could allow sewage into the surrounding properties and cause violations of the pumping station's State Pollutant Discharge Elimination System ("SPDES") Permit. 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.

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 \$366,450.00 pursuant to an approved budget, bringing the total Agreement plus Amendment to \$889,450.00. The completion date of the Agreement shall be extended to December 31, 2026.

In addition, the Consultant has requested the utilization of the following subconsultants: Allied Drilling, Inc., a WBE firm, for Soil Boring Services, 653 Main Street, Box 118, Sparkill, New York 10976; and Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C., for Land Surveying Services, 70 Pleasant Hill Road P.O. Box 37, Mountainville, New York 10953.

The Department 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. 16-933 (“Agreement”) between the County of Westchester (“County”) and GHD Consulting Services Inc. (“Consultant”), 5788 Widewaters Parkway, Syracuse, New York 13214, be amended to provide for additional engineering services in connection with the Cove Road Pumping Station Rehabilitation, Mamaroneck Sewer District, Mamaroneck, New York. The Consultant shall provide additional design and construction administration services associated with this project. 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 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 the additional services rendered in accordance with the Consultant’s proposal, GHD Consulting Services Inc., shall be paid a fee of \$366,450.00 pursuant to an approved budget, increasing the total maximum fee to \$889,450.00; and be it further

RESOLVED, that the use of the following subconsultants also be approved: Allied Drilling, Inc., a WBE firm, for Soil Boring Services, 653 Main Street, Box 118, Sparkill, New York 10976; and Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C., for Land Surveying Services, 70 Pleasant Hill Road, P.O. Box 37, Mountainville, New York 10953; and be it further

RESOLVED, that the completion date of the Agreement shall be extended to December 31, 2026; 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	\$	523,000.00	(Design and Construction Administration Services)
This Amendment	_____	366,450.00	(Additional Design and Construction Administration Services)
TOTAL	\$	889,450.00	

Agreement No. 16-933

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	322	60	SM085-04-S	6120-03	BA #205-2019	\$ 366,450.00

Budget Funding Year(s): 2021 Start Date: 03/08/17 End Date: 12/31/26
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./

State Aid: _____ Social Security No.: _____

\$366,450.00 Federal Aid: _____ Vendor No.: _____

(must match resolution) Other: _____ Encumbrance No.: _____