

50128

TO: Board of Acquisition and Contract

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

DATE: December 22, 2015

SUBJECT: Second Amendment to Agreement No. 12-908
In the matter of Engineering Services in connection with the
Boiler and Generator Replacement, Ossining Wastewater Treatment Plant,
Ossining, New York

Consultant: **GHD Consulting Services Inc.**
Amendment Amount: **\$106,886.00**

Subconsultant Approval: *KJM Construction Management, Inc.*

Pursuant to a Resolution approved on August 16, 2012, the County of Westchester ("County") entered into Agreement Number 12-908 with GHD Consulting Engineers, LLC ("Consultant"), One Remington Park Drive, Cazenovia, New York 13035, commencing on September 15, 2012, wherein the Consultant was to provide engineering services associated with the Boiler and Generator Replacement, Ossining Wastewater Treatment Plant, Ossining, New York. The Agreement was thereafter amended by Resolution approved on February 20, 2014, consenting to the assignment of Agreement Number 12-908 with GHD Consulting Engineers, LLC to GHD Consulting Services Inc.

After design commenced, a Vulnerability Assessment Study of the Ossining Wastewater Treatment Plant was prepared for the County by Hazen and Sawyer, PC. The study identified major at-risk equipment and controls located in the basement that should be moved up to a higher level in order to protect equipment susceptible to future flooding and storm surge based on the effects of Superstorm Sandy. The County requested that the Consultant incorporate study recommendations into the current design which are outside of the scope of work included in the existing Agreement. The additional work includes: (1) Consolidation of Motor Control Centers ("MCC") in the upper level MCC Room to free up space for locating new HVAC MCCs and Adjustable Speed Drives ("ASD") out of the basement; (2) Removal of MCC #8 transformer from the upstairs MCC Room to free up space for new electrical equipment; (3) Relocation of Boiler Room ASDs to upstairs MCC Room with local switch for controlled equipment; (4) Addition of stop logs to Boiler/MCC Room doors; and (5) Raise area way wall above flood level to protect the Boiler Room and Switchgear Room. The incorporation of these items requires additional design and construction administration services to be performed by the Consultant.

Authority of your Honorable Board is therefore requested to amend the existing Agreement to provide for additional design and construction administration services for the Boiler and Generator Replacement, Ossining Wastewater Treatment Plant, Ossining, New York. The Consultant shall provide additional design and construction administration services associated with this project that address tasks which 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, shop drawing and submittal reviews, attendance at project meetings, periodic site visits and preparation of as-built drawings. Additional construction administration services shall include monitoring the construction procedures on the site to ensure compliance with the contract documents, coordinating scheduled activities of the contractors, submitting construction progress reports and reviewing and processing contractors' applications for payment.

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The objective of this project is to replace the boiler, generator, and associated systems at the Ossining Wastewater Treatment Plant. The Ossining Wastewater Treatment Plant was constructed as a Secondary WWTP in the late 1970's. Since initial construction, there have been repairs and minor modifications made to the plant equipment, but at this time the plant's heating boilers/burners, emergency generator, air conditioning and plant water system equipment are reaching the end of their useful life and all are in need of replacement. This work is necessary to insure that the facility operates reliably and efficiently. This agreement will benefit the public as it will ensure that the plant'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 \$106,886.00 pursuant to an approved budget, bringing the total Agreement plus Amendments to \$836,886.00. The completion date of the Agreement shall be extended to December 31, 2019.

In addition, GHD Consulting Services Inc. has requested the utilization of the following subconsultant: KJM Construction Management, Inc. (Construction Administration Services), 150 Grand Street, 4th Floor, White Plains, New York 10601.

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.

JTP/LR/AS

RESOLUTION

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

RESOLVED, that the existing Agreement between the County of Westchester and GHD Consulting Services Inc., One Remington Park Drive, Cazenovia, New York 13035, be amended to provide for additional engineering services for the Boiler and Generator Replacement, Ossining Wastewater Treatment Plant, Ossining, New York. The Consultant shall provide additional design and construction administration services associated with this project that address tasks which 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, shop drawing and submittal reviews, attendance at project meetings, periodic site visits and preparation of as-built drawings. Additional construction administration services shall include monitoring the construction procedures on the site to ensure compliance with the contract documents, coordinating scheduled activities of the contractors, submitting construction progress reports and reviewing and processing 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 \$106,886.00 pursuant to an approved budget, increasing the total maximum fee to \$836,886.00; and be it further

RESOLVED, that the use of the following subconsultant also be approved: KJM Construction Management, Inc. (Construction Administration Services), 150 Grand Street, 4th Floor, White Plains, New York 10601; and be it further

RESOLVED, that the completion date of the Agreement shall be extended to December 31, 2019; 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	\$	730,000.00	(Design & Const. Admin. Services)
First Amendment		0.00	(Assignment)
This Amendment		<u>106,886.00</u>	(Additional Design & Const. Admin. Services)
TOTAL	\$	836,886.00	

Agreement No. 12-908

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	322	60	SOS0900E	6120-03	BA#73-2014	\$ 68,886.00
	322	60	SOS0900I	6120-05	BA#73-2014	\$ 38,000.00

Budget Funding Year(s): 2016 Start Date: 09/15/12 End Date: 12/31/19
(must match resolution)

Funding Source: Tax Dollars: 100% District Contractor Federal I.D. No./
State Aid: _____ Social Security No.: _____
\$ 106,886.00 Federal Aid: _____ Vendor No.: _____
(must match resolution) Other: _____ Encumbrance No.: _____