

69320

TO: Board of Acquisition and Contract

FROM: Hugh J. Greechan, Jr., PE
Commissioner of Public Works and Transportation

DATE: April 23, 2019

SUBJECT: First Amendment to Agreement No. 15-930 in the matter of
Engineering Services in connection with Electrical and HVAC Equipment Upgrades,
Port Chester Wastewater Treatment Plant, Port Chester, New York

Consultant: H2M Architects, Engineers, Land Surveying and Landscape
Architecture, D.P.C. d/b/a H2M architects + engineers

Amendment Amount: \$2,157,000.00

Subconsultant Approval: KJM Construction Management, Inc.

The County of Westchester ("County"), acting by and through its Department of Public Works and Transportation ("Department"), entered into Agreement Number 15-930 ("Agreement"), dated July 1, 2015, with H2M Architects, Engineers, Land Surveying and Landscape Architecture, D.P.C. d/b/a H2M architects + engineers ("Consultant"), 538 Broad Hollow Road, 4th Floor East, Melville, New York 11747, wherein the Consultant was to provide design services associated with Electrical and HVAC Equipment Upgrades, Port Chester Wastewater Treatment Plant, Port Chester, New York. The Agreement expires on December 31, 2020.

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. The Consultant has developed several options for the proposed work that have been reviewed by the County as the basis for final design. The following additional tasks have been identified that are not included in the existing Agreement: (1) redesign of electrical and HVAC components to be consolidated in a new on-site powerhouse; (2) redesign of impacted facilities by the new powerhouse addition to include the relocation of the Maintenance Shop; (3) facilities for a new "dual-feed" Con Edison electrical service; and (4) additional design services for the replacement of the existing below-grade odor control ductwork. In addition, construction administration services are required at this time.

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 Electrical and HVAC Equipment Upgrades, Port Chester Wastewater Treatment Plant, Port Chester, New York. The Consultant shall provide additional design services associated with this project that are outside of the scope of work included in the existing Agreement and construction administration services. 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 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.

Board of Acquisition and Contract
Agreement No. 15-930, First Amendment
Electrical and HVAC Equipment Upgrades
Port Chester Wastewater Treatment Plant
Port Chester, New York
H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC d/b/a H2M architects + engineers
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The objective of this project is to provide upgrades to electrical and HVAC equipment at the Port Chester Wastewater Treatment Plant. The existing electrical and HVAC equipment, systems and controls are antiquated, inefficient, labor intensive, and require heavy maintenance that involves down time. The expected life of electrical and HVAC equipment in a wastewater treatment plant is typically 20 to 30 years. Most of the electrical and HVAC equipment at Port Chester Wastewater Treatment Plant was installed over 30 years ago during the plant expansion project in 1987. Because a majority of the electrical and HVAC system components are at the end of their useful life, upgrades are required at this time. The upgrades shall include, but not be limited to, the following items: the replacement of electrical switch gears, motor control centers, emergency generators, fire alarm system, heating, ventilation and air conditioning equipment, odor control equipment and other related ancillary equipment. 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 \$2,157,000.00 pursuant to an approved budget, bringing the total Agreement plus Amendment to \$3,397,000.00. The completion date of the Agreement shall be extended to December 31, 2024.

In addition, the Consultant has requested the utilization of the following subconsultant: KJM Construction Management, Inc. (Construction Administration Services), 1 Barker Avenue, White Plains, New York 10601.

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. 15-930 (“Agreement”) between the County of Westchester (“County”), acting by and through its Department of Public Works and Transportation (“Department”), and H2M Architects, Engineers, Land Surveying and Landscape Architecture, D.P.C. d/b/a H2M architects + engineers (“Consultant”), 538 Broad Hollow Road, 4th Floor East, Melville, New York 11747, be amended to provide for additional engineering services in connection with Electrical and HVAC Equipment Upgrades, Port Chester Wastewater Treatment Plant, Port Chester, New York. The Consultant shall provide additional design services associated with this project that are outside of the scope of work included in the existing Agreement and construction administration services. 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 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, the Consultant shall be paid a fee of \$2,157,000.00 pursuant to an approved budget, increasing the total maximum fee to \$3,397,000.00; and be it further

RESOLVED, that the use of the following subconsultant also be approved: KJM Construction Management, Inc. (Construction Administration Services), 1 Barker Avenue, White Plains, New York 10601; and be it further

RESOLVED, that the completion date of the Agreement shall be extended to December 31, 2024; and be it further

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

RESOLUTION

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	\$	1,240,000.00	(Design Services)
This Amendment		2,157,000.00	(Additional Design Services and Construction Administration Services)
TOTAL	\$	3,397,000.00	

Agreement No. 15-930

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	322	60	SPC03-01-E	6120-03	BA #68-2014	\$ 597,000.00
	322	60	SPC09-00-E	6120-03	BA #91-2014	\$ 556,000.00
	322	60	SPC03-01-I	6120-05	BA #68-2014	\$ 566,000.00
	322	60	SPC09-00-I	6120-05	BA #91-2014	\$ 438,000.00

Budget Funding Year(s): 2019 Start Date: 07/01/15 End Date: 12/31/24
 (must match resolution)

Funding Source: Tax Dollars: <u>100% County</u>	Contractor Federal I.D. No./
State Aid: _____	Social Security No.: _____
<u>\$2,157,000.00</u> Federal Aid: _____	Vendor No.: _____
(must match resolution) Other: _____	Encumbrance No.: _____