

83660

TO: Board of Acquisition and Contract

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

DATE: March 23, 2021

SUBJECT: Change Order No. 1
Contract No. **14-531-Rev.**
Dissolved Air Flotation Thickeners
and Related Secondary Sludge Handling Equipment
Yonkers Joint Wastewater Treatment Plant
Yonkers, New York

Contractor: Mace Contracting Corporation (*MBE*)
Amount of Change Order No. 1: \$1,500,000.00

On September 21, 2017, your Honorable Board awarded Contract No. 14-531-Rev. for Dissolved Air Flotation Thickeners and Related Secondary Sludge Handling Equipment, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York to Mace Contracting Corporation, 35 Portman Road, New Rochelle, New York 10801, in the amount of \$13,190,000.00 for the term October 5, 2017 to August 4, 2020. This contract includes all necessary labor, material and equipment required to upgrade the existing secondary sludge thickening system including the dissolved air flotation (DAF) thickeners and gravity belt thickeners (GBTs) and replace equipment damaged as a result of Hurricane Sandy at the Yonkers Joint Wastewater Treatment Plant. The project also includes new sludge mixing tanks and GBT sludge feed pumps, new thickened sludge collection screw conveyors, new thickened sludge pumping equipment, and a new polymer storage and feed system. The electrical system and new equipment will be relocated to provide protection in the event of future flooding at the facility.

After award of this contract and as construction progressed, existing field conditions were encountered that could not have been determined at the time of design. These unexpected conditions require additional work to complete the project. These unforeseen conditions include hydraulic restrictions within the wastewater process flow that were unknown at the time of design and now require redirection, and secondary drainage systems for the dewatering process side-stream flows to avoid the hydraulic restrictions. In addition, flows from the existing secondary scum and grease handling systems, which are mixed with sludge for dewatering, requires operations to be integrated with the new dewatering system to limit the flows from hydraulically overloading the dewatering system. Other required improvements that have become evident during construction include area flood alarms to pump rooms, pump and piping modifications, HVAC improvements, and process optimization. Only Change Order work authorized by the County of Westchester ("County") or the County's construction administrator in writing shall be performed by the contractor and will be paid for by the County. Payment to the contractor will be determined in strict accordance with the provisions of Article 30, "Extra Work: Increased Compensation/Decreased Work: Credit to the Owner" of the General Clauses in the contract.

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The objective of this Change Order is to restore and improve these systems which are integral components required for safe, long-term operation following the damage done by Hurricane Sandy.

This Change Order is in the public's best interest because 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 department will track scheduling and accomplishments by the contractor and perform on-site inspections to ensure the successful completion of this project.

This additional work is incidental to the original work and does not materially alter the main purpose of the contract as to constitute a new undertaking. The work is of the same nature as the initial work, is to be performed in the same general vicinity, is necessary to efficiently complete the project and was unanticipated until work under the contract began. The term of the contract is October 5, 2017 to August 4, 2020. In order to carry out the work contemplated by this Change Order and complete the project, an extension is requested to December 31, 2022.

It is requested that your Honorable Board take action on the following:

Approval of Change Order No. 1

Total Amount of Change Order No. 1.....\$1,500,000.00

This Change Order has been reviewed by the Law Department and a proposed form of Resolution is attached hereto for your approval.

Approval is recommended.

HJG/LR

RESOLUTION

RE: CONTRACT NO. 14-531-Rev.
CONTRACT AMOUNT: \$ 13,190,000.00
CHANGE ORDER NO. 1: \$ 1,500,000.00
NET INCREASE: \$ 1,500,000.00
REVISED CONTRACT AMOUNT: \$ 14,690,000.00

CHANGE ORDER NO. 1

Upon communication from the Commissioner of Public Works and Transportation,

WHEREAS, Hugh J. Greechan, Jr., P.E., Commissioner, Public Works and Transportation, requests approval of Change Order No. 1 on Contract No. 14-531-Rev. between the County of Westchester and Mace Contracting Corporation, 35 Portman Road, New Rochelle, New York 10801 for Dissolved Air Flotation Thickeners and Related Secondary Sludge Handling Equipment, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York; and

WHEREAS, it is requested that Contract No. 14-531-Rev. be amended to complete the work needed to upgrade the dissolved air flotation thickeners at Yonkers Joint Wastewater Treatment Plant; and

WHEREAS, this matter has been discussed by the Board; now, therefore, be it

RESOLVED, that said Change Order No. 1 on Contract No. 14-531-Rev. be and the same is hereby approved in the amount of \$1,500,000.00; and be it further

RESOLVED, that the completion date of this contract is hereby extended to December 31, 2022; and be it further

RESOLVED, that all other terms and conditions of Contract No. 14-531-Rev. 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.

Total Amount of Change Order No. 1 \$1,500,000.00

Account to be Charged/Credited	Fund	Dept.	Major Program, Program & Phase Or Unit	Object/ Sub Object	Bond Act No.	Dollars
		322	60	SY02500C	6210-99	BA #64-2017

Budget Funding Year(s): 2021 Start Date: October 5, 2017 End Date: December 31, 2022
(must match resolution2)

Funding Source: Tax Dollars 100% County Contractor Federal I.D. No./ Social Security No.: _____
State Aid _____
\$1,500,000.00 Federal Aid _____ Vendor No.: _____
(must match resolution) Other _____ Encumbrance No.: _____