

RESOLUTION AUTHORIZING CONTRACT MODIFICATION 2023-02 TO OPERATIONS MANAGEMENT INTERNATIONAL/JACOBS

MOTIONED BY: Marotta
SECONDED BY: Friedrich

WHEREAS, the North Hudson Sewerage Authority (hereinafter "Authority") is a public body, duly formed under the Sewerage Authorities law, constituting Chapter 138 of the Laws of New Jersey of 1946, as amended (Chapter 14A of Title 40 of the New Jersey Statutes Annotated) and possesses the powers set forth therein; and

WHEREAS, the Authority has contracted with Operations Management International, Inc., Denver, CO. in the amount of \$8,513,649.77 for the operation, maintenance and management of the Authority's sewerage collection and treatment facilities pursuant to the provisions of the Wastewater Treatment Privatization Act, N.J.S.A. 58:27-1 et seq; and

WHEREAS, Operations Management International, Inc., has submitted a proposal(Exhibit "A") for additional compensation in the amount of \$117,655.26 related to the Adams Street Plant Operations; and

WHEREAS, the Facilities Review Board has reviewed the proposal and recommends the approval of the requested contract.

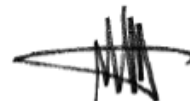
NOW, THEREFORE, BE IT RESOLVED that the Authority hereby authorizes the execution and implementation of said contract modification 2023-02 in the amount of \$117,655.26.

DATED: JUNE 15, 2023

RECORD OF COMMISSIONERS' VOTE

	YES	NO	ABSENT
Commissioner Kappock	x		
Commissioner Marotta	x		
Commissioner Gardiner	x		
Commissioner Friedrich	x		
Commissioner Guzman	x		
Commissioner Velazquez	x		
Commissioner Barrera			x
Commissioner Zucconi	x		
Commissioner Assadourian	x		

THIS IS TO CERTIFY THAT THIS RESOLUTION WAS DULY ADOPTED BY THE NORTH HUDSON BOARD OF COMMISSIONERS ON JUNE 15, 2023.



SECRETARY



Operations & Maintenance

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June 5, 2023

Fredric Pocci
North Hudson Sewerage Authority
1600 Adams Street
Hoboken, New Jersey 07030

Subject: Proposed Out of Scope Project
River Road Hypo Building MCC Unit Replacement

Dear Mr. Pocci:

Jacobs OMI (“OMI”) is pleased to provide North Hudson Sewerage Authority (“Authority”) our proposal to replace the Electrical MCC unit in the Hypo Storage Building at the River Road facility in West New York, New Jersey.

Overview:

The existing MCC unit located in the Hypo Electrical Room (building that runs along Anthony M. Defino Way) is currently aging beyond rehabilitation and requires a full replacement with a new MCC and electric components. The existing unit is a Square D Model 4 Control center consisting of 2 independent structures, one main structure and one sub structure. The main structure contains the 400-amp main breaker and the main set of lugs that connect to the feeder coming from the main switchgear. The sub structure contains the step-down transformer, which feeds the integrated lighting/power panel. There are numerous pieces of equipment that this MCC feeds such as the HYPO pumps, lighting panel (power distribution), unit heater, PLC panel etc. and any failure of this MCC would cause a disruption to the operation of the plant. None of the buckets in this MCC are “built out” meaning that there are no motor controls in the traditional sense (relays, contactor, control transformer etc.) and the way it stands currently, there would be no way to convert the existing buckets to support any type of motor control function if the need ever arose. In addition to the age of the structure, there is also severe corrosion occurring on the external framework, internal bus bars, and the internals of the lighting panels.

The proposal is to replace this unit with a brand-new Square D dual structure to feed all existing equipment, while gaining the option to expand in the future. This new structure would include the same equipment that the current one has, with the added ability to build out new MCC buckets if we ever needed to support additional equipment. The new MCC would come in a semi knockdown form, meaning the 2 structures would come as 2 individual pieces, and the buckets would come separately as well, but are included in the cost.

Scope of Services and Specifics

The general scope of work for this replacement would be as follows:

- Setting up temporary feeds to any equipment determined to be essential
- Racking out and tagging the Switchgear breaker feeding the current MCC
- Pull back the feeder to facilitate hardware removal
- Separation of equipment and MCC
- Removal of existing MCC buckets and associated hardware
- Removal of existing Busbar and associated hardware
- Removal of remaining MCC structure
- Any repairs necessary to the MCC pad
- Anchoring and installation of new MCC structure
- Installation of busbar and associated hardware
- Installation of buckets and associated hardware
- Reconnection of existing equipment to the new MCC
- Connecting the feeder to the main lugs
- Potential testing of the feeder cable, and MCC
- Energizing new structure

Fringe work that may need to be completed as well:

- Conduit repair due to deterioration
- New conductor installation from equipment to MCC
- Repair of any existing conditions that may affect the new Hardware (water leaks, damaged pad, unsafe mounting etc.)
- Removal and reinstallation of any hardware needed to physically install the new MCC
- Sealing any penetrations from room to room
- Cleaning and PM of the feeder breaker in the switchgear

We will complete this job by using a Jacobs Regional Electrician. To support their effort, an OMI electrician will work alongside the regional staff at no additional cost to the Authority.

Due to the location of the MCC room and the proximity to the road, we will hire traffic control to close the southbound lane of Anthony M. Defino Way to accommodate lifting the unit into the MCC room. This is only necessary on the day we install the new structure.

Schedule:

The out-of-scope project is expected to commence within 12 weeks of NHSA Board approval. During that time, all other materials will be gathered and prepared to ensure work takes place in a timely manner. The work is expected to be completed within approximately four weeks of commencing the project.

Cost:

OMI's proposed cost estimate for the project is \$117,655.26 (One Hundred Seventeen Thousand Six Hundred Fifty-Five Dollars and Twenty-Six Cents). This amount is based on the estimated direct costs and includes OMI's markup of 15% to cover general and administrative costs, overhead, and profit. OMI followed the appropriate procurement process and received three quotes for the MCC unit. Cuny Gerber can provide the unit for the lowest cost, approximately 20% less than the second highest supplier. OMI will invoice on a lump sum basis. The out-of-scope project costs are in addition to the Agreement's base fee and any other Agreement budget amounts.

	Tank Cleaning and Disposal	COST (\$)
1	MCC Unit and Materials	\$ 76,212.40
2	Labor (Jacobs Regional Support)	\$ 26,108.39
3	Jacobs OMI (15% O&P)	\$ 15,334.47
	TOTAL	\$ 117,655.26

TOTAL COST: \$117,655.26

OMI appreciates the opportunity to provide this proposal. If you need additional information or have any questions regarding this letter, please feel free to contact me by phone at 201.795.1411 or by e-mail at mark.berube@jacobs.com.

Thank you for your consideration regarding this proposed out of scope project.

Regards,



Mark Berube
Project Director



Kevin Dahl
Regional Director, Jacobs

Cc: Richard Wolff, NHSA Executive Director
Fred Pocci, NHSA Authority Engineer
Don Conger, NHSA Authority Associate Engineer
Phil Reeve, Jacobs OM