

RESOLUTION AUTHORIZING CONTRACT MODIFICATION 2023-06 TO OPERATIONS MANAGEMENT INTERNATIONAL/JACOBS

MOTIONED BY: Velazquez

SECONDED BY: Gardiner

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 \$75,111.86 related to the rehabilitation of the 49th Street Pump Station, the replacement of a grit pump at Adams Street, and the replacement of a pump at Port Imperial Pump Station 1;


NOW, THEREFORE, BE IT RESOLVED that the Authority hereby authorizes the execution and implementation of said contract modification 2023-06 in the amount of \$75,111.86.

DATED: DECEMBER 14, 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 DECEMBER 14, 2023.



SECRETARY



Operations & Maintenance
NHSA Project
1600 Adams Street
Hoboken, NJ 07030
T +1.201.795.1411
F +1.201.420.6917
www.jacobs.com

Mr. Donald R. Conger III, P.E.
Authority Engineer
North Hudson Sewerage Authority
1600 Adams Street
Hoboken, New Jersey 07030

December 6, 2023

Subject: 2023 Additional Corrective Maintenance Projects 2
JACOBS Operations Maintenance & Management Agreement

Dear Mr. Conger,

Operations Management International, Inc. ("Jacobs OMI") is pleased to provide North Hudson Sewerage Authority ("Authority") our proposal for Corrective Maintenance Projects at the Adams Street Facility, 49th Street Pump Station, and Port Imperial Pump Station 1.

Jacobs OMI is seeking the Authority's concurrence to invoice for the total cost of \$ 75,111.86 (Seventy-Five Thousand One Hundred Eleven Dollars and Eighty-Six Cents). for Corrective Maintenance (CM) Services beyond the original contract scope. This total amount does not include any financial markup and is in addition to both the 2013 Agreement's yearly Base Fee and the yearly Corrective Maintenance Budgets. The Services described below were found to be out of the normal size and price range of Corrective Maintenance as defined by the contract, and more in line with Capital Improvement projects.

Overview and Scope of Services:

49th Street Pump station Rehab

The 49th Street pump station located on Kennedy Blvd. between 49th Street and 51st Street in West New York Conveys flow from two strip malls to a gravity sewer main on 51st Street. The pump station is comprised of two 5 HP Flygt trash pumps with associated check and isolation valves and discharge piping.

The pump station has been in service for an undetermined length of time with no major work performed. Pumps, valves, and piping in this station had reached a point where they needed to be replaced. All the labor to bypass the station and install all the equipment was performed by the collection system team.

Pumps and associated equipment were purchased from Pumping Services Inc. These materials include new pumps, pump seats, piping, and valves.

Full details of the repairs and material costs can be found in the attached quotes and invoices.

Adams Street PFB Grit Pump 3 Replacement:

The Preliminary Treatment Building (PFB) at Adams Street has four grit pumps - two grit pumps are designated to each of the vortexes. These pumps ensure grit does not accumulate downstream into our primary clarifiers.

Under normal operations in July 2022, Grit Pump 3 failed and was unable to pump grit to the grit separation system. Upon removal and inspection, it was determined that the pump would require a full rebuild. Due to estimated repair

costs, we decided that purchasing a new pump would be more cost efficient for two reasons. One, the pump is over 20 years old and was rebuilt three times during its lifespan. Two, the cost to repair the pump was more than half the price of a new pump with lead times for a rebuild kit exceeding the timeframe for delivery of a new pump.

Full details of the repairs and services can be found in the attached Invoices and Proposals.

Port Imperial Pump Station #1(Boulevard Pump Station) Pump Replacement

Port Imperial Pump Station #1 located on Port Imperial near the North Hudson Regional Fire and Rescue Station, conveys flow to Port Imperial Pump Station #2, which in turn, pumps flow to the River Road Facility. The pump station is comprised of three 17 HP Flygt trash pumps. Pump #1, which failed, was replaced with a new ABS pump. The ABS pumps are preferred because of their reliability and low-cost maintenance.

The pump station has been in service for approximately 28 years running, and the pump that had failed was original equipment. While operating under normal conditions, the pump failed due to significant wear on the bearings, volute, and impeller. The estimated cost to rebuild the pump was approximately the same cost for a brand-new ABS pump. We proceeded with spec'ing a direct replacement by purchasing the ABS unit which was installed by our O&M team. Now, the pump station has two Flygt pumps, and one new ABS pump. The Flygt pumps are still original equipment and receive regular maintenance.

Full details of the costs for the new pump can be found in the attached quotes and invoices.

Schedule:

All work has been completed for 49th Street Pump Station rehab, and the new PFB Grit Pump was delivered and is ready for installation. The new ABS pump for Port Imperial Pump Station #1 was delivered and installed, making this work completed as well.

Cost:

Jacobs OMI's proposed cost estimate for the projects are \$75,111.86 (Seventy-Five Thousand One Hundred Eleven Dollars and Eighty-Six Cents). This amount is based on the estimated direct costs and does not include any cost markup. The corrective maintenance project costs are in addition to the Agreement's base fee and any other Agreement budget amounts.

PROJECT COSTS - SUMMARY TABLE		COST (\$)
1	49 th Street Pump Station Rehab	\$ 30,995.86
2	PFB Grit Pump #3 Replacement	\$23,475.00
3	Port Imperial Pump Station #1 Pump Replacement	\$20,641.00
TOTAL COST		\$ 75,111.86

TOTAL ESTIMATED COST: \$ 75,111.86

If you are in agreement with this letter, please provide NHTSA Board approval in the form of a signed resolution.

Jacobs OMI appreciates the opportunity to provide these services. 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 corrective maintenance project.

Regards,

Mark Berube
Project Director

Cc: Richard J. Wolff, NHTSA Executive Director
Fredric J. Poggi PE NHTSA Special Adviser
Kevin Dahl, Jacobs OMI
Philip G. Reeve, Jacobs OMI

Enclosure(s):

- 01 49th St PS Invoice #1136382 from PSI dated April 4 2023
- 02 49th St PS Invoice #1136484 from PSI dated April 10 2023
- 03 49th St PS Invoice #1136785 from PSI dated April 25 2023
- 04 PFB Grit Pump Invoice #S0000035426 from Fleet Pump dated September 30 2023
- 05 PI PS #1 Pump Invoice #KTP807NJ from Reiner Pump Systems dated September 26 2023



PSI
PROCESS
Employee Owned

Pumping Services, Inc.

201 Lincoln Boulevard
Middlesex, NJ 08846
(732) 469-4540

www.psiprocess.com

Electrical Contractor Bus. Permit #34EB01825300

Invoice

INVOICE #	1136785
DATE	04/25/23
PAGE	1 of 2



BILL TO

001331
Jacobs Engineering Group
ATTN:Accounts Payable
9191 South Jamaica Street
Englewood, CO 80112

SHIP TO

OMI
49th Street & JFK Blvd
West New York, NJ 07093

ORDER NUMBER S80552	PAYMENT TERMS Net 30 Days Pending	CUSTOMER P/O NUMBER JOE MICCA	INSTRUCTIONS
WRITTEN BY Kevin Fitzgerald	CONTACT Joseph Micca	SHIP VIA OUR TRUCK - PICK-UP REQUIRED	

PRODUCT/DESCRIPTION	QUANTITY OPEN	QUANTITY SHIPPED	QUANTITY BACKORDERED	PRICE	U/M	EXTENSION
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-----> Description Of Repair Job A <-----
Scheduled service requested by: Joe Micca

Customer stated he would like us to wire in the new pump and also reconnect the FLS in the first pump.

Field service dispatched per your request. Our standard service rates and conditions apply. Billing for service commences once the work crew begins mobilization for the job and ends upon their return. All material and other services utilized are invoiced at our prevailing rates.

-----> Solution Of Repair Job A <-----
4/20/23 FST-76214

Found pump draws 6.3amps dry and 8.9amps when pumping, either forced main is partially clogged, or the pump needs a larger impeller. Replaced customer supplied Mini-CAS for pump #2. Customer made confined space entry to disconnect pump #1, wired in new pump. Checked the FLS, it has 1536 ohms all the leads ohms are balanced at 1.1 ohms. Pump draws 9.1amps at 211VAC. Customer removed pump #2 from the wet well, opened the pumps peckerhead and wired in existing FLS. Replaced the O-ring, rewired and tested, FLS has 1534 ohms, customer reinstalled pump.

827478 O-RING NITRILE 124.5 X 3.0 NBR	1	1	0	7.4000	EA	7.40
LAB21 Control Technician Regular time	3	3	0	194.0022	EA	582.01
Tech Description	Date	Hours				
ST32 Service Van #32	04/20/23	3				
LAB22 Control Technician Overtime	1.5	1.5	0	257.0040	EA	385.51
Tech Description	Date	Hours				
ST32 Service Van #32	04/20/23	1.5				
T&B2676NM STRAIN RELIEF.660 X.780 X1" FITS 14/7 CABLE	1	1	0	32.7999	EA	32.80

Continued...



August 3, 2022

Jacobs
OMI Hoboken

RE: Quote # 220803-2-167
WEMCO Pump

Attention: Marco Candiano

Dear Marco:

We are pleased to offer the following for your review and consideration of same:

One (1) WEMCO Model C, 4" pump, with 4x4 case, vertical top,
Ni-Hard, Ni-Hard impeller, steel shaft, packing, 416 SST shaft sleeve,
Cast iron gland housing/backplate, bronze gland – bare pump only
No base or motor.

Please confirm rotation CW or CCW if placing order.

Total Net Price, F.O.B. factory, freight allowed ...\$23,475.00
Terms: Net 30 Days

Delivery: Approx. 26-28 weeks after receipt of order

If you have any questions or need additional information, please feel free to call or
Email.

Very truly yours,
Roseann Pettrow
rpettrow@gafleet.com
732-850-0100

G.A. Fleet Associates, Inc.
Fleet Pump & Service Group, Inc.
455 Knollwood Road
White Plains, NY 10603



Reiner Pump Systems, Inc.

53 US Highway 206
Stanhope, NJ 07874-3262 US
(973) 347-9000
accounting@reinerpump.com



INVOICE

BILL TO
CH2M Hill (O.M.I. Inc.)
O.M.I. Inc.
125 Broadway Ave.
Oak Ridge, TN 37830

SHIP TO
North Hudson Sewerage Authority
1600 Adams Street
Hoboken NJ 07030
Phil Reeve
201-206-5061 cell
Tag PO TBD

SHIP VIA TBD

INVOICE KTP807NJ
DATE 09/26/2023
TERMS Net 30
DUE DATE 10/26/2023

SHIP DATE
08/30/23

PURCHASE ORDER
North Hudson SA

FOB
Factory,PPY,Allowed

ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
Sulzer Pumps	XFP150G-CB1.8-PE130/4-60FM460:15	1	20,641.00	20,641.00
Sulzer Pumps	(6") 2" x 2 Cast Iron Included	1	0.00	0.00
Sulzer Pumps	CA 462 - Seal Leak/Over Temp Relay, 110-230VAC	1	0.00	0.00

Credit card payments will be subject to a 4% processing fee.

** PAST DUE INVOICES ARE SUBJECT TO A 1.5% PER MONTH FINANCE CHARGE.

SUBTOTAL	20,641.00
TAX	0.00
TOTAL	20,641.00
BALANCE DUE	\$20,641.00