

RESOLUTION APPROVING ADDITIONAL WORK TO OMI FOR 2019 ADAMS STREET CORRECTIVE MAINTENANCE PROJECTS

MOTIONED BY: Marotta
SECONDED BY: Velazquez

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., ("OMI") Denver, CO. in the amount of \$8,216,474.00 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, this contract modification has been requested in order to efficiently advance the project as described in the report identified as "Exhibit A"; and

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

NOW THEREFORE, BE IT RESOLVED that the Authority hereby authorizes the said contract modification OMI 2020-02 as outlined in Exhibit "A" in the amount not to exceed \$71,811.85.

DATED: MARCH 19, 2020

RECORD OF COMMISSIONERS' VOTE

	YES	NO	ABSENT
Commissioner Soares	x		
Commissioner Kappock	x		
Commissioner Marotta	x		
Commissioner Gardiner	x		
Commissioner Friedrich	x		
Commissioner Sanchez	x		
Commissioner Velazquez	x		
Commissioner Roque	x		
Commissioner White	x		

THIS IS TO CERTIFY THAT THIS RESOLUTION WAS DULY ADOPTED BY THE NORTH HUDSON BOARD OF COMMISSIONERS ON MARCH 19, 2020.



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. Fredric J. Pocci, P.E.
Authority Engineer
North Hudson Sewerage Authority
1600 Adams Street
Hoboken, New Jersey 07030

March 5, 2020

Subject: 2019 Adams Street Corrective Maintenance Projects
CH2M HILL OMI Operations Maintenance & Management Agreement

Dear Mr. Pocci,

Operations Management International, Inc. ("CH2M HILL OMI") is pleased to provide North Hudson Sewerage Authority ("Authority") our proposal for Corrective Maintenance Projects at the Adams Street Wastewater Treatment Plant.

CH2M HILL OMI is seeking the Authority's concurrence to invoice for the total cost of \$71,811.85 for Corrective Maintenance (CM) Services beyond the original contract scope. This total amount does not include any financial markup and is considered to be 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:

The Adams Street WWTP has two large pump stations that house the primary facility process pumps. Most of these pumps are new, but some of the older pumps require large rebuilds to extend their service life. The pumps are all Flygt brand pumps and repairs are made by Pumping Services Inc, the only authorized Flygt pump repair center in our area. Rebuilds were needed for the Effluent Pump Station H21 Pump.

The PURAC filter system is currently being upgraded through a Capital Improvement project. One of the items being upgraded is the underdrain system that keeps the sand inside of the filter cells. The sand that has been escaping the system has been collecting in the UV Disinfection Channels downstream, and causing damage to the UV equipment. Additional costs have been incurred beyond the typical maintenance that is seen in the UV system. We are looking to recover costs associated with purchasing additional repair parts such as UV ballasts, sockets, sensors, control boards, and pins that have all required replacement because of the damage caused by the sand in the UV channels.

Scope of Services and Specifics:

UV System Repair Parts:

Repair parts include UV Ballasts, bulb sockets, UV intensity sensors, pins, and other parts needed to rebuild the racks that hold the UV bulbs in the channels. There are a total of three invoices that include all of the parts.

Effluent Pump Station H21 Rebuild:

Pumping Services has quoted to rebuild the H21 Flygt Pump which includes a full rebuild of the pump with new bearings, new seals and o-rings, bake and dry the motor and pump housings.

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

Schedule:

All repairs to the UV system have been completed.
The rebuild of the H21 Pump has been completed.

Cost:

CH2M HILL OMI's proposed cost estimate for the project is \$71,811.85 (Seventy One Thousand, Eight Hundred Eleven Dollars and Eighty Five Cents). This amount is based on the estimated direct costs and does not include any financial 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	H-21 Effluent Pump Rebuild	\$ 46,291.65
2	UV Disinfection System Repair Parts	\$ 25,520.20
TOTAL COST		\$71,811.85

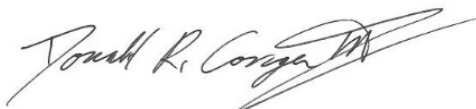
TOTAL ESTIMATED COST: \$ 71,811.85

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

CH2M HILL 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 Don.Conger@jacobs.com.

Thank you for your consideration regarding this proposed corrective maintenance project.

Regards,



Donald R. Conger III, P.E.
Project Director

Cc: Richard J. Wolff, NHSA Executive Director
Kevin Dahl, Jacobs OM
Philip G. Reeve, Jacobs OM



Enclosure(s):

- Invoice for UV Repair Parts from Fleet Pump Service Group dated 12/28/2018
- Invoice for UV Repair Parts from Fleet Pump Service Group dated 12/31/2018
- Invoice for UV Repair Parts from UV Doctor Lamps dated 5/22/2019
- Invoice for H21 Pump Rebuild from Pumping Services dated 8/7/2019



Fleet Pump & Service Group, Inc.
 6 International Drive
 2nd Floor
 Rye Brook, NY 10573
 USA
 914-835-4000

We accept
 MasterCard,
 Visa, and
 American
 Express on
 current
 invoices only

DATE	DIV.	INVOICE NUMBER
12/28/2018	FP	S0000014750

INVOICE

SOLD 102383
 TO Jacobs
 1600 Adams Street
 Hoboken, NJ 07030
 USA

SHIP North Hudson S.A.
 TO c/o CH2MHill
 1600 Adams Street
 Hoboken, NJ 07030
 USA

JOB NAME / SITE CODE SITE-000368 North Hudson S.A.	PAYMENT TERMS Payment Upon Receipt	PAGE NUMBER 1
P.O. NUMBER 432899-ALEXIS	OUR ORDER NO. 05-SO-0003229	F.O.B. POINT SHIPPING POINT

ITEM NO.	PRODUCT NO. AND DESCRIPTION	SHIPPED QTY.	UOM	SHIP DATE	UNIT PRICE	TOTAL
1	Socket, 9.5A 20-16WG (Pkg of 10)	200	EA	12/07/18	1.29	258.00
2	Intensity Sensor	2	EA	12/07/18	2,306.00	4,612.00

Subtotal:	4,870.00
Total Sales Tax:	0.00
Total:	4,870.00



Fleet Pump & Service Group, Inc.
 6 International Drive
 2nd Floor
 Rye Brook, NY 10573
 USA
 914-835-4000

SOLD 102383
 TO Jacobs
 1600 Adams Street
 Hoboken, NJ 07030
 USA

We accept
 MasterCard,
 Visa, and
 American
 Express on
 current
 invoices only

DATE	DIV.	INVOICE NUMBER
12/31/2018	FP	S0000014751

INVOICE

SHIP North Hudson S.A.
 TO c/o CH2MHill
 1600 Adams Street
 Hoboken, NJ 07030
 USA

JOB NAME / SITE CODE SITE-000368 North Hudson S.A.	PAYMENT TERMS Payment Upon Receipt	PAGE NUMBER 1
P.O. NUMBER 432899-ALEXIS	OUR ORDER NO. 05-SO-0003229	F.O.B. POINT SHIPPING POINT

ITEM NO.	PRODUCT NO. AND DESCRIPTION	SHIPPED QTY.	UOM	SHIP DATE	UNIT PRICE	TOTAL
3	Lamp Socket	50	EA	12/07/18	59.00	2,950.00
4	6ft. Power Cord Plug ASSY	4	EA	12/07/18	101.00	404.00
5	UV3+ Module Board Kit w/ 912356-001 Board	6	EA	12/07/18	244.50	1,467.00
6	Freight	1	EA		27.19	27.19

Subtotal:	4,848.19
Total Sales Tax:	0.00
Total:	4,848.19

UV Doctor Lamps, LLC
209 S. Washington Avenue
Newport, WA 99156

 **INVOICE**

Invoice #	12431
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Bill To:
 Operations Management International, Inc
 ATTN: ACCOUNTS PAYABLE
 125 Broadway Ave
 Oak Ridge, TN 37830

Ship To:
 JACOBS - HOBOKEN, NJ
 ATTN: ALEXIS BENAVIDES
 1600 ADAMS STREET
 HOBOKEN, NJ 07030

Date	P.O. No.	Ship Via	FOB		Terms	Due Date
4/22/2019	148004207	UPS	Newport WA		NET 30	5/22/2019
Item	Description	Ordered	Shipped	Unit Price	Amount	
327039	TROJAN WIPER SEAL KIT - #327039	100	100	57.00	5,700.00T	
917067	TROJAN OEM 3000PLUS BALLAST - #917067	5	5	775.00	3,875.00T	
316505-078	LAMP SOCKET - TROJAN ANGLE BASE - 78" - #316505-078	50	50	88.00	4,400.00T	
1625A	25 x 28 x 1832 DOMED SENSOR SLEEVE FOR 3000+ #015239	9	9	65.00	585.00T	
327125020ST...	TROJAN WIPER CANNISTER - #327125020STDCYL	10	10	88.00	880.00T	
FREIGHT	SHIPPING AND HANDLING: UPS TRACKING 1Z0371XV0390983654, 1Z0371XV0394449662 & 1Z0371XV0394319678. ETA is 4/30/19.			362.01	362.01	

ALL PAST DUE INVOICES ARE SUBJECT TO A FINANCE CHARGE OF 1.5%, PER MONTH, AND ANY ADDITIONAL EXPENSES AND ATTORNEY FEES ASSOCIATED WITH THE COLLECTION OF THIS INVOICE.

REMIT TO:
UV DOCTOR LAMPS, LLC
209 S. WASHINGTON AVE.
NEWPORT, WA 99156

Tel # (509)447-5800
Fax # (509)447-5822

Sales Tax (0.0%)	\$0.00
Total	\$15,802.01
Payments/Credits	\$0.00
Balance Due USD	\$15,802.01



Pumping Services, Inc.

201 Lincoln Boulevard Phone: (732) 469-4540
PO Box 117 Fax: (732) 469-5912
Middlesex, NJ 08846-0117

Electrical License #: EB 10794
www.pumpingservices.com

Invoice

INVOICE #	1111269
DATE	08/07/19
PAGE	1 of 3

**BILL TO**

001331
CH2M HILL / OMI, Inc.
ATTN:Accounts Payable
9191 South Jamaica Street
Englewood, CO 80112

SHIP TO

OMI Wastewater Services Inc.
1600 Adams Street
Hoboken, NJ 07030

ORDER NUMBER S60663	PAYMENT TERMS Net 30 Days Pending	CUSTOMER P/O NUMBER 10520-7-101246	INSTRUCTIONS
WRITTEN BY Kevin Fitzgerald	CONTACT Philip Reeve	SHIP VIA OUR TRUCK - PICK-UP REQUIRED	

PRODUCT/DESCRIPTION	QUANTITY OPEN	QUANTITY SHIPPED	QUANTITY BACKORDERED	PRICE	U/M	EXTENSION
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Model : CP3500-565-3
20" SUB TRASH PUMP 820 100HP CP 565 460V 3PH
Serial#: 3500.820-9130623

-----> Description Of Repair Job A <-----
ESTIMATE

-----> Solution Of Repair Job A <-----

This quote is for the shop repair of your equipment. Please read this proposal carefully.

We bill for any field service work as it is completed and therefore any charges for removal, installation, emergency, rush or any other chargeable service not specifically covered in this proposal is not included and is invoiced separately. If you are concerned that you may be missing charges for any service performed by us please contact our office at 732-469-4540.

Pumping Services provides free pick-up and delivery and estimates on all customer repairs if the repair is approved or a new unit is purchased. FREE PICK-UP AND DELIVERY IS LIMITED TO TRANSPORTATION OF YOUR EQUIPMENT TO AND FROM OUR SHOP DURING NORMAL WORKING HOURS VIA ONE OF OUR DELIVERY VEHICLES. IT DOES NOT INCLUDE ANY CHARGES FOR REMOVAL, INSTALLATION, EMERGENCY, RUSH OR ANY OTHER CHARGEABLE SERVICE PERFORMED BY OUR SERVICE DEPARTMENT.

*PART	1	1	0
IMPELLER REPAIR			
HUB DIAMETER			

-----> Description Of Repair Job B <-----
PUMP LOCATION: H21

Upon inspection found seals not holding for pressure test. The upper seal worn allowing oil to wash out the grease in the lower bearings. Oil entered into the stator housings. The lower bearing is loose in the bearing housing. The fit needs to be repaired. The lower sensor wires dropped and got caught in the rotor fins which cut the wires. found aluminum shavings into the stator windings. The stator needs to be rewound. The cooling jacket must be replaced, it is rotted and will not seal properly. The impeller hub is also rotted at the seal diameter and needs to be repaired. The pump needs to be reconditioned with parts listed.

-----> Solution Of Repair Job B <-----

Recondition pump following Pumping Services' procedures. The unit is cleaned, disassembled and estimated. Reassemble pump using parts listed.

We will pressure test seals for 20 minutes to ensure the integrity. Upon completion of test we will prepare surface of pump and paint.



Pumping Services, Inc.

201 Lincoln Boulevard Phone: (732) 469-4540
PO Box 117 Fax: (732) 469-5912
Middlesex, NJ 08846-0117

Electrical License #: EB 10794
www.pumpingservices.com

Invoice

INVOICE #	1111269
DATE	08/07/19
PAGE	2 of 3



PRODUCT/DESCRIPTION	QUANTITY OPEN	QUANTITY SHIPPED	QUANTITY BACKORDERED	PRICE	U/M	EXTENSION
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Pumping Services warranties this repair against defects in materials and workmanship for (9) months. Our warranty covers parts and shop labor.

Repair Amount

45,376.65

MACHININGJOB	1	1	0			
IMPELLER REPAIR						
HUB DIAMETER						
MACHININGJOB	1	1	0			
HOUSING REPAIR BEARING						
BORE						
4892438X	1	1	0			
STATOR 3500 IN HOUSING 100HP						
460V 3PH						
843587	1	1	0			
GROMMET 48MM ID 70MM OD						
843533	1	1	0			
GROMMET 17MM ID 35MM OD						
3822500	8	8	0			
WASHER, NBR						
40MM X 30MM X 4MM THICK						
VESTAN 350	53	53	0			
SUBMERSIBLE PUMP OIL GRADE 68						
3706602	1	1	0			
SEAL ASSEMBLY						
3148813	1	1	0			
WEAR RING BRONZE						
3452520	1	1	0			
WEAR RING,ROTATING S.S.35&3600						
827412	1	1	0			
O-RING NITRILE						
827513	2	2	0			
O-RING NITRILE						
827778	2	2	0			
O-RING NITRILE						
827899	2	2	0			
O-RING NITRILE						
827497	3	3	0			
O-RING NITRILE						
827897	1	1	0			
O-RING NITRILE						
827895	1	1	0			
O-RING NITRILE						
827407	1	1	0			
O-RING NITRILE						
827506	2	2	0			
O-RING NITRILE						
827489	2	2	0			
O-RING NITRILE						
827475	1	1	0			

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