

RESOLUTION AUTHORIZING CONTRACT MODIFICATION #07 AND FINAL FOR THE W1234 SOLIDS/ FLOATABLES SCREENING FACILITY PROJECT

MOTIONED BY: SOARES
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 Weeks Marine, Inc., Cranford, N.J. in the amount of \$13,683,875.50 for the W1234 Solids/Floatables Screening Facility Project; and

WHEREAS, six previous contract modifications have been approved in the amount of \$2,094,602.31, increasing the total contract price to \$16,325,063.11; and

WHEREAS, this contract modification #07 and final has been requested in order to efficiently advance the project as described in the report identified as "Exhibit A", with the additional work being documented as required by Mott McDonald, the project engineer; and

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

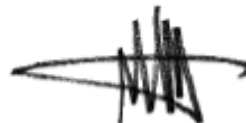
NOW, THEREFORE, BE IT RESOLVED that the Authority hereby authorizes the execution and implementation of said contract modification #07 and final in an amount not to exceed \$22,177.52, as the cost of additional work was offset by reductions in other originally contemplated work, materials disposal and materials required.

DATED: NOVEMBER 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 NOVEMBER 19, 2020



SECRETARY



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

Your Reference
S340952-22

Our Reference
373257AA01

111 Wood Avenue South
Iselin NJ 08830-4112
United States of America

T +1 (800) 832 3272
F +1 (973) 376 1072
mottmac.com/americas

**North Hudson Sewerage Authority
W1234 Solids/Floatables Screening Facility
Contract Modification No. 7 and Final**

October 14, 2020

Dear Mr. Pocci:

The purpose of this letter is to recommend Contract Modification No.7 (CM-007) to the W1234 Solids/Floatables Screening Facility project. CM-007 reconciles the final project quantities and establish the final contract amount. This change order also compensates the Contractor to repair and replace tide gates that were damages during intense storm events.

The following is a summary of the Contract Modification:

At the completion of the project there were numerous unused unit price items that have been summarized in the attached spreadsheet. This summary amounts to a credit of \$124,678.37.

As the result of intense storm events, three of the four tide gates that cover the additional outflow pipes that were added to the facility were knocked off. The Contractor was directed to locate and reset the doors and unfortunately, two of the doors could not be found. Therefore, the tide gates were reinforced and replaced. The cost of this work is \$146,855.88. It is important to note that additional outlets worked very well during the storms the service area encountered this past summer. The force and velocity that water leaves the outlets is excessive.

The following is a summary of the additions to the Contract:

- 1. Reconciliation of unit prices: \$ 124,678.37 (Credit)
- 2. Tide gate replacement: \$ 146,855.88
- Subtotal: \$ 22,177.51

The following is a summary of the Contract Status to date:

Original Contract Amount:	\$13,683,875.50
Previous Change Orders:	\$1,931,027.98
Contract Modification No. 6:	<u>\$ 22,177.51</u>
Revised Contract Amount:	<u>\$15,637,080.99</u>



This represents the final cost of the project and will close out the project.

The Authority's representatives have verified the Contractor's costs associated with this contract modification and we feel that the Contractor's prices are fair and within industry standards. Therefore, we recommend that the Authority approve this Contract at their next public meeting.

If you have any questions or comments, please let me know.

Very Truly Yours,

Mott MacDonald

A handwritten signature in blue ink, appearing to read 'Kevin Wynn'.

Kevin P. Wynn, PE, BCEE
Vice President
T 973-912-2537
kevin.wynn@mottmac.com

CONTRACT MODIFICATION PROPOSAL AND ACCEPTANCE

1. ISSUING OFFICE NHTSA	2. PROJECT NO. S340952-22	3. CONTRACT NO.	4. MODIFICATION NO. CM-007
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5. TO (CONTRACTOR) Weeks Marine, Inc. 4 Commerce Drive Cranford, NJ 07016	6. PROJECT LOCATION AND DESCRIPTION W1234 Solids/Floatables Screening Facility Weehawken, New Jersey
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7. A proposal is required for making the hereinafter described change in accordance with specification and drawing revision: cited herein or listed in attachment hereto. Submit your proposal in space indicated on Page 2, attach detailed breakdown of prime and sub-contract costs (See the clause of this contract entitled, "Changes". DO NOT start work under this proposed change until you receive a copy signed by the Contracting Officer or a directive to proceed).

Kevin P. Wynn, PE
Vice President, Mott MacDonald

Date Type Name and Title Signature

8. DESCRIPTION OF CHANGE: Pursuant to the clause of this contract covering changes, the contractor shall furnish all labour and material, and all work necessary to accomplish the following described work:

This Contract Modification adjusts the Contract Value for costs associated with the following three issues:

1. Additional work required to repair and replace the four tide gates
2. Final reconciliation of the unit prices

As a result of the above, the contract price is revised as follows:

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST
1	Reconciliation of Unit Prices	\$ (124,678.37)	1	\$ (124,678.37)
2	Tide Gate Replacement	\$ 146,855.88	1	\$ 146,855.88

TOTAL COST OF THIS MODIFICATION \$ 22,177.51

The contract time is hereby: increase decrease or remains the same by 120 calendar days as a result of this modification.

The foregoing modification is hereby accepted:

Weeks Marine, Inc. NHTSA Mott MacDonald
CONTRACTOR OWNER (NJPE SEAL) ENGINEER

BY: _____ BY: _____ BY: _____
DATE: _____ DATE: _____ DATE: _____

APPROVAL: NA STATE OF NEW JERSEY DATE

CONTRACT MODIFICATION PROPOSAL AND ACCEPTANCE

9. ISSUING OFFICE NHTSA	10. PROJECT NO. S340952-22	11. CONTRACT NO.	12. MODIFICATION NO. CM-007
13. CONTRACTOR'S PROPOSAL - CHANGE IN CONTRACT PRICE (Detailed breakdown, attach additional sheets as necessary)			
<p>(Proposed)</p> <p>Refer to Mott MacDonald's letter dated October 14, 2020.</p> <p>Refer to Attachment 1 - Spreadsheet of Asbuilt Quantities dated October 14, 2020.</p> <p>Refer to Attachment 2 - Proposal from Week Marine dated March 14, 2020</p> <p>Refer to Attachment 3 - Refer to email from Weeks Marine dated October 12, 2020</p>			
NET INCREASE \$22,177.51	NET DECREASE	CALENDAR DAYS INCREASE 120 DAYS	
DATE:	TYPE NAME AND TITLE: David Hafner, Vice President Weeks Marine, Inc.	SIGNATURE:	

CONTRACT MODIFICATION PROPOSAL AND ACCEPTANCE

14. ISSUING OFFICE & PROJECT NO. <p style="text-align: center;">NHSA S340952-22</p>	15. CONTRACT NO. <p style="text-align: center;">0</p>	16. MODIFICATION NO. <p style="text-align: center;">CM-007</p>
17. ORIGINAL CONTRACT BID PRICE..... \$ 13,683,875.50		
TOTAL OF PREVIOUS CHANGE ORDERS..... \$ 1,931,027.98		
TOTAL CONTRACT COST INCLUDING CHANGE ORDERS..... \$ 15,637,080.99		
18. NECESSITY FOR CHANGE AND REASON FOR OMISSION FROM PLANS AND SPECIFICATIONS:		
<p>Refer to Mott MacDonald's letter dated October 14, 2020.</p> <p>Refer to Attachment 1 - Spreadsheet of Asbuilt Quantities dated October 14, 2020.</p> <p>Refer to Attachment 2 - Proposal from Week Marine dated March 14, 2020</p> <p>Refer to Attachment 3 - Refer to email from Weeks Marine dated October 12, 2020</p>		
19. OTHER IMPACTS RESULTANT OF THIS CHANGE:		
NA		
20. RESUME OF NEGOTIATIONS OR RECOMMENDATIONS (Loanee's Representative):		
NA		
DATE:	TYPE NAME AND TITLE OF LOANEE'S REPRESENTATIVE: Fredric J. Pocci, P.E. Authority Engineer	SIGNATURE:

North Hudson Sewerage Authority
W1234 Solids/Floatables Screening Facility
Loan No. S340952-22
Attachment No. 1
October 14, 2020
Contract Modification No. 7 - As-Built Quantities

Item No.	Description	Contract Value	Percent Complete	As-Built	Remainder
56	Trash Guard Vault Door	\$ 2,600.00	0%	\$ -	\$ 2,600.00
57	Trash Guard Vault Door	\$ 9,400.00	0%	\$ -	\$ 9,400.00
58	PC Stop Plate Vault	\$ 9,400.00	0%	\$ -	\$ 9,400.00
59	Stop Plate Precast Slab	\$ 9,400.00	0%	\$ -	\$ 9,400.00
74	CSO Level Control	\$ 30,000.00	0%	\$ -	\$ 30,000.00
	Unit Price Items				
1	Furnish and Install 65-Ton Piles	\$ 2,155,300.00	99.20%	\$ 2,138,156.13	\$ 17,143.87
2	Furnish and Install Sheet Piles	\$ 648,125.00		\$ 700,867.50	\$ (52,742.50)
4	Dredging & Transportation of Contaminated Material	\$ 287,673.50		\$ 287,673.50	\$ -
5	Loading and Transportation of Contaminated Material	\$ 172,654.00		\$ 172,654.00	\$ -
6	Disposal of Contaminated Material	\$ 446,605.00		\$ 353,206.24	\$ 93,398.76
8	Allowance for 150,000.00 pound GVE roll-off truck	\$ 350,000.00		\$ 236,521.00	\$ 113,479.00
9	Allowance for material inspection and special inspections	\$ 50,000.00		\$ -	\$ 50,000.00
10	Allowance of Utility Connections	\$ 175,000.00		\$ 163,730.97	\$ 11,269.03
11	Allowance environmental and final restoration	\$ 100,000.00		\$ 75,990.66	\$ 24,009.34
12	Allowance for railroad flagman	\$ 30,000.00		\$ -	\$ 30,000.00
					\$ 124,678.37



March 14, 2020

North Hudson Sewerage Authority
1600 Adams Street
Hoboken, NJ 07030

Attention: Fred Pocci

Mott MacDonald
111 Wood Avenue South
Iselin, NJ 08830-4112

Attention: Kevin Wynn

Reference: None

Subject: NHSA, W1234 Screening Facility, Change Order No. 10, Price Proposal for Replacement of Tide Gates

Dear Mr. Pocci:

Weeks Marine, Inc. proposes the lump sum price of \$146,484.63 to provide additional materials and work associated with the replacement of two tide flap valves and the retro-fit of two rigid flap valves. This additional work will add nine (9) calendar days to the schedule.

This additional work includes:

1. Additional mobilization.
2. Additional (2) 54"x54" Rubber Flap Doors.
3. Additional (2) Counterweight system to retro-fit existing Rigid Flap Valves.
4. Additional labor and equipment.

This work is based on conference calls between Mott MacDonald's, WMI and Alfa Laval on 08/16/2019 and 01/23/2020.

If you have any questions, please feel free to contact me.

Very truly yours,

Sofia O'Brien
Project Manager
Weeks Marine, Inc.



Weeks Marine, Inc

<i>Modifications to Cofferdam</i> <i>ITEM OF WORK</i>	<i>QTY</i>		<i>UNIT COST</i>	<i>MARKED UP</i> <i>UNIT PRICE</i>	<i>CONTRACT</i> <i>UNIT PRICE</i>	<i>TOTAL CHANGE</i>	<i>TIME</i>
SCOPE ADDITIONS				<i>Overhead 10%</i> <i>& Profit 10%</i>			
Install (2) New Rubber Flaps Install (2) Counterweight Assemblies	1	LS					9.0
Labor	1	LS	\$ 66,014.30	\$ 79,877.30		\$ 79,877.30	
Equipment	1	LS	\$ 18,243.38	\$ 22,074.49		\$ 22,074.49	
Construction Materials	1	LS	\$ 8,570.00	\$ 10,369.70		\$ 10,369.70	
Permanent Materials	1	LS	\$ 28,234.00	\$ 34,163.14		\$ 34,163.14	
					SUB-TOTAL:	\$ 146,484.63	
					SUB-TOTAL:	\$ 146,484.63	9.0

CHANGE ORDER TOTAL: \$ 146,484.63

January 29, 2020

To: All Bidding Contractors.
FTA: Estimating Department or Project Manager.

Re: Hudson River, Weehawkin, NJ
Specification: None
Alfa Laval Quote No.: 07302019 r2



10470 Deer Trail Drive
Houston, TX 77038 - USA
(800) 362 - 9041

Dear Gentlemen,

We are very pleased to offer our bid for the supply of the specified parts to retrofit the Coplastix Rigid Flap Valve to fulfill the requirements as detailed in the specifications, based upon our Coplastix Design. The Coplastix equipment offered comes complete, ready for installation by the contractor unless noted otherwise. If you disagree with the take-off contained herein, you must advise us.

1. MATERIALS

316SS. Counter weight

Item #1

Qty.: Four (4)
Size: 54" x 54" Rigid Flap Valve (existing)
Equipment: Counter Weight to mount on flap valve.
Price: \$5,172.00 Total for all four.

Item #2

Qty.: One (1)
Size: 54" x 54" Rigid Flap Valve (existing)
Equipment: Parts needed to reinstall **one** flap valve door. Not sure if you need one or two kits.
Price: \$473.00 each kit, includes bronze washers and bushings, and 316SS hardware for lower part of hinge to connect to door. It is assumed all parts for top of hinge still in place.

4ea. Needed

Item #3

Qty.: One (1)
Size: 54" x 54" Rigid Flap Valve (existing)
Equipment: Parts needed to replace rigid door with rubber door, includes door, support angles, and hardware.
Price: \$10,335.00 each

2ea. Needed

NOTES AND EXCEPTIONS:

- A. Equipment offered is Coplastix Standard Design.
- B. Alfa Laval AS-H excludes installation.
- C. **Not included**, mounting eyebolts.
- D. **No Service Included.** If needed, see service terms.
- E. **We make no warranty or claim that the above design will totally stop all movement of the flap valve door.** We do not have flow design programs to recreate the application.

DO NOT assume any item not listed above is included in our proposal.

Contact (Doug Thomas) Tel # (281) 543-1094 for placing order.
F.O.B. Houston, Texas, FFA to job site. **NO TAXES INCLUDED.**

Unless otherwise specified in this proposal, all installation of equipment supplied by Alfa Laval, Inc. shall be installed by others.

Taxes:

The quoted price does not include any local, state or federal taxes, permits or other fees. Any taxes or fees that may apply must be added to the quoted price and paid by the buyer.

Note: Alfa Laval, Inc. is only registered to collect and remit sales tax in the following states: Arizona, Arkansas, California, Florida, Georgia, Indiana, Kentucky, Louisiana, Massachusetts, New Jersey, North Carolina, Ohio, Texas and Washington. Taxable projects located in states outside of these will need to accrue and remit these taxes directly to the respective state.

Proposal Acceptance:

This proposal is offered for acceptance within thirty (30) days from date of this quotation or date of bid opening, whichever is the later date. Prices are subject to review thereafter. Prices are firm, based upon receipt of a Letter of Intent or Purchase Order and notice to proceed within this thirty (30) day period and the review and return of submittal drawings to Alfa Laval within thirty (30) days. Delays caused by slow return of submittals and/or other manufacturing delays caused by the contractor, owner, owner's agent or engineer may result in additional charges of 1% per month for such delays or part thereof.

Submittal Drawings (1 week from receipt of written Purchase Order)

Mechanical submittal and drawings on the preceding equipment will be submitted in accordance with the required delivery date of the equipment and after receipt of a firm purchase order. Note: A purchase order signed by both Alfa Laval, Inc. and the purchase order originator must be executed prior to any submittal being forwarded.

Shipment:

Shipment on the preceding equipment can be made within four (4) weeks from receipt of approved submittals.

Payment Terms:

100% net 30 days (subject to credit approval) and as such no provision for retainage will be allowed under the terms of this project. These payment terms are not contingent upon payment from owner to Purchaser. Shipments such as embedded metal or partial items will be invoiced as shipped on a prorated price to be determined by Alfa Laval, Inc.

If Purchaser delays shipment, Alfa Laval, Inc. may invoice and pass title to the Purchaser; Purchaser agrees to remit the amount due at the times stated, as if the equipment had shipped. All costs of storage shall be at the Purchaser's expense.

Escalation Charges:

In the event that delivery of equipment cannot be made on the scheduled delivery date agreed upon between Alfa Laval and buyer and as evidenced by the terms of the contract, due to buyer delay, Alfa Laval reserves the right to assess reasonable escalation charges to the project at the rate of 1% per month of the contract value for each month that the project is delayed.

Terms:

Alfa Laval's Standard Terms and Conditions are enclosed and apply in their entirety. All applicable sales, use or other taxes are to be paid by buyer. If any taxes are to be paid by seller, the quotation price shall automatically be increased by the same amount. Failure to pay invoices promptly when due nullifies Alfa Laval, Inc. obligation to perform work under warranty, installation and start-up in a timely manner.

The contractor explicitly agrees that subject to acceptance by the consulting engineer and/or the owner, Alfa Laval, Inc. may substitute a stand-by letter of credit in lieu of cash retainages required in the plans and specifications and contract documents, and 100% of the cash released by such acceptance will flow through immediately to Alfa Laval, Inc. All orders are subject to credit approval prior to acceptance of contract and/or purchase order.

General Notes:

There is no provision included in the quoted price, unless noted, for field erection supervision, tests, inspections or adjustment of equipment. If factory representative is required for any of these services, please refer to "Service Terms" enclosed. The equipment offered by Alfa Laval, Inc. is our standard design, materials and manufacture. In the event that these items of

January 29, 2020
Hudson River, Weehawkin, NJ
Alfa Laval Quote No.: 07302019 r2
Page 4

equipment are subject to any alteration in design or materials or manufacture by the contractor, owner, owner's agent or engineer, such alterations shall be subject to change in the contract price and/or delivery schedule.

We wish to thank you for the opportunity of offering this proposal. Should you have any questions, please feel free to contact our representative or us noted below.

Sincerely,

Doug Thomas

Doug Thomas
Business Development Manager Fluid Control

Kevin Wynn

From: Dave A. Vosseller <DAVosseller@WeeksMarine.Com>
Sent: Monday, October 12, 2020 5:31 PM
To: Kevin Wynn
Cc: Adam D. Wallach
Subject: FW: NHSA - W1234
Attachments: 2020.03.14_WMI W1234 CO New Tide Gates Proposal.pdf

Kevin,

After reviewing the discussed credit associated with counterbalancing the two original doors we agree that a credit of \$6258.12 is owed. Therefore, our total proposal for the replacement of the four flap gate doors with rubber doors is \$146,855.88. See below

\$153,114.00
- \$6258.12

\$146,855.88

Any questions let me know. We look forward to receiving the change order. I also presume this final change order will take into consideration any time issues so there is not issue with liquidated damages or late completions.

Thanks,

Dave Vosseller VP
Northeast Area Manager, construction
Weeks Marine, Inc.
908027204010
908-419-2251

From: Kevin Wynn <Kevin.Wynn@mottmac.com>
Sent: Monday, October 12, 2020 11:56 AM
To: Dave A. Vosseller <DAVosseller@WeeksMarine.Com>
Subject: NHSA - W1234

*****CAUTION: EXTERNAL SENDER*****

Dave:

I determined the credit from this document.

It look like the counter weights were \$5,172.00 plus a markup for a total of \$6,258.12.

Thanks Kevin

Kevin P. Wynn, PE, PP, CME

Vice President

D 973-912-2537

kevin.wynn@mottmac.com



Mott MacDonald
111 Wood Avenue South
Iselin
NJ 08830-4112
United States of America

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