

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: December 15, 2015

Consent ☒ [X]

Regular ☐ []

Public Hearing ☐ []

Department: Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Change Order No. 3 to the Contract for the Water Treatment Plant (WTP) No. 2 Filter Replacement with MWH Constructors, Inc. (R2014-0150) in the amount of \$77,120.12 with a 45 calendar day time extension.

Summary: On February 4, 2014, the Board of County Commissioners (BCC) approved the Water Utilities Department Construction Contract for the WTP No. 2 Filter Replacement (Contract) with MWH Constructors, Inc. (R2014-0150). Change Order No. 3 provides for the removal of subsurface lime sludge encountered during the construction of the backwash water recovery basin, additional materials, fittings and labor to resolve conflicts with existing and proposed improvements, cleaning of existing piping in order to make proposed pipe connections and coating of proposed manholes for added protection from deterioration. Change Order No. 3 also includes a 45-day time extension that is necessary to accomplish the additional work. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15% overall. The Contract with MWH Constructors, Inc. provides for SBE participation of 17.83% overall. Change Order No. 3 has 2.52% overall SBE participation. The cumulative SBE participation, including Change Order No. 3 is 17.25% overall. MWH Constructors, Inc. is a Palm Beach County company. This project is included in the FY15-16 Capital Improvement Plan adopted by the BCC. (WUD Project No. 12-066) District 2 (MJ)

Background and Justification: The Water Utilities Department is currently administering a construction project (\$13,896,000) with MWH Constructors, Inc. for the replacement of the Filter System at WTP No. 2. Change Order No. 3 will remove existing subsurface lime sludge encountered in the proposed backwash water recovery basin, resolve conflicts due to unforeseen conditions and perform cleaning of existing piping found to be in need of maintenance when proposed piping connections were being performed.

Attachments:

1. Location Map
2. Two (2) Original Change Order No. 3

Recommended By: _____


Department Director

11-16-15
Date

Approved By: _____


Assistant County Administrator

12/8/15
Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	<u>\$77,120</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$77,120</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Budget Account No.:

Fund 4011 Dept 721 Unit W002 Object 6541

Is Item Included in Current Budget? Yes ☒ No

Reporting Category N/A

B. Recommended Sources of Funds/Summary of Fiscal Impact:

This project is funded by a grant from the State of Florida Department of Economic Opportunity through the Disaster Recovery Initiative Program.

C. Department Fiscal Review: *Delmar West*

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:

Sherry B...
OFMB
12/1/15

J. J. ... 12/3/15
Contract Development and Control
B. Wheeler 12-3-15

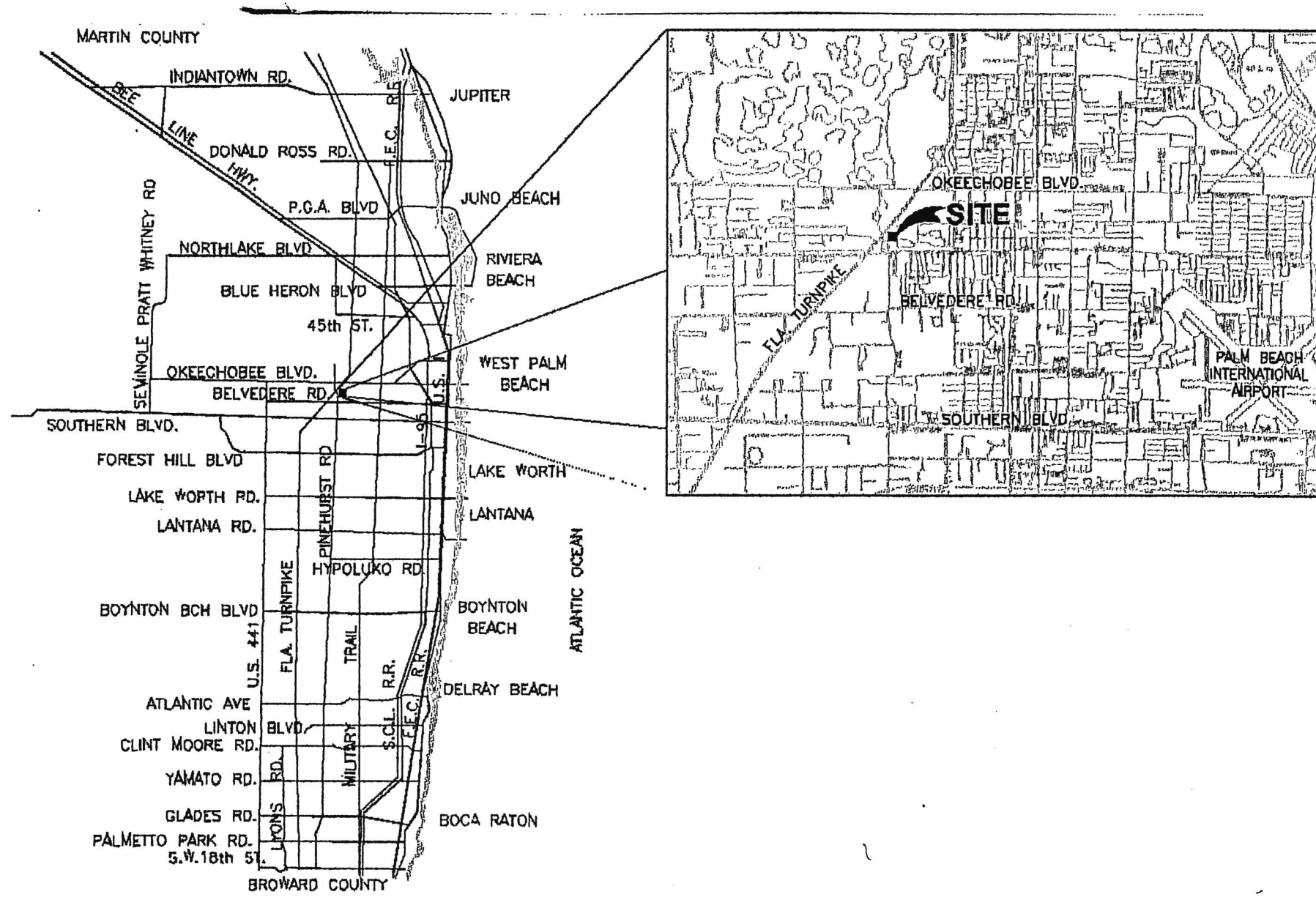
B. Legal Sufficiency:

[Signature] 12/4/15
Assistant County Attorney

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.



LOCATION MAP

PROJECT: WATER TREATMENT PLANT NO. 2 FILTER REPLACEMENT
WATER UTILITIES DEPARTMENT PROJECT NO. WUD 12-066
DISTRICT NUMBER: 2
CHANGE ORDER NO.: 3

TO (Contractor): MWH Constructors, Inc, 1000 Sawgrass Corporate Parkway, Suite 120 Sunrise, FL 33323	DOCUMENT NO. CONTRACT DATE: NOTICE TO PROCEED: BUDGET LINE ITEM:	R2014-0150 February 4, 2014 March 3, 2014 4011-721-W002-6541
------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------	---------------------------------------------------------------------------

You are directed to make the following changes in this contract:

- | | |
|------------------------------------------------------------------------------------------------|---------------|
| 1. Install two 22-1/2 bends to resolve conflict with existing 30" RCP Backwash Waste Line. | \$6,152.62 |
| 2. Clean and re-test existing 48" Water Main to be connected to proposed piping | \$11,687.81 |
| 3. Substitute 304 stainless steel (SS) nuts & bolts for 316 SS nuts & bolts in Filter Building | (\$28,210.30) |
| 4. Relocate existing 2-1/2 x 6" brine line (2 locations) to resolve conflicts | \$3,798.47 |
| 5. Provide interior coating (CIM waterproof membrane) for Manhole #8 | \$7,183.19 |
| 6. Removal of lime sludge from existing pond | \$47,007.93 |
| 7. Beam extension to incorporate a corbel for hollow core roof panels | \$29,500.40 |

Total:	\$77,120.12
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NOT VALID UNTIL SIGNED BY BOTH OWNER AND ENGINEER. SIGNATURE OF THE CONTRACTOR INDICATES HIS CONTRACT HEREWITH INCLUDING ANY ADJUSTMENT IN THE CONTRACT SUM OR CONTRACT TIME, AND NO ADDITIONAL COST OR TIME INDICATED HEREIN WILL BE RELATED TO THIS CHANGE

The Original Contract Sum was	<u>\$13,896,000.00</u>
Net Change by previous Change Orders	<u>\$458,281.35</u>
The Contract Sum prior to this Change Order was	<u>\$14,354,281.35</u>
The Contract Sum will be increased by this Change Order	<u>\$77,120.12</u>
The New Contract Sum indicating this Change Order will be.....	<u>\$14,431,401.47</u>
The Contract Time will be changed by Forty-Five <u>(45)</u> days	<u>45 Days</u>
The Date of Substantial Completion including this Change Order:	<u>November 8, 2015</u>
The Date of Final Completion including this Change Order:	<u>February 6, 2016</u>

Water Treatment Plant No. 2 Filter Replacement

Project No. WUD 12-066

District Number: 2

Contract No. R2014-0150

Change Order No. 3

Execution of this change order acknowledges final settlement of, and releases, all claims for costs and time associated, directly or indirectly, with the above stated modification(s), including all claims for cumulative delays or disruptions resulting from, caused by, or incident to such modification(s), and including any claim that the above stated modification(s) constitutes, in whole or part, a cardinal change to the contract.

Palm Beach County Water
Utilities Department
ENGINEER

P.O. Box 16097

West Palm Beach, FL 33416

Address

Signature

Vincent M. Riccobono, P.E.

10-16-15

DATE

MWH Constructors, Inc.
S.E. Regional Manager
CONTRACTOR

1000 Sawgrass Corp. Pkwy.

Suite 120

Sunrise, FL 33324

Address

Signature

Thad Buckley, Southeast
Regional Manager

10-16-15

DATE

Palm Beach County
Board of County Commissioners
OWNER

301 N. Olive Avenue

West Palm Beach, FL 33401

Address

Signature

, Mayor

JCS

DATE

Approved as to Form and Legal Sufficiency

By: _____
County Attorney

Attest: Sharon R. Bock, Clerk and Comptroller

By: _____
Deputy Clerk

CHANGE ORDER ADDITIONS/DELETIONS SUMMARY

PROJECT:	Water Treatment Plant No. 2 Filter Replacement	APPROVAL LIMITS:						
CONTRACTOR:	MWH Constructors, Inc.	DEPARTMENT HEAD		CONTRACT REVIEW COMMITTEE		DEPARTMENT HEAD PLUS CONTRACT REVIEW COMMITTEE		
PROJECT NO.:	WUD 12-066							
RESOLUTION NO.:	R2014-0150	(Amount)	(Days)	(Amount)	(Days)	(Amount)	(Days)	
DATE APPROVED:	February 4, 2014	INDIVIDUAL C.O.	\$50,000.00	30 Days	\$100,000.00	90 Days	\$100,000.00	N/A
CONTRACT AMOUNT:	\$13,896,000.00	CUMMULATIVE C.O.	\$100,000.00	30 Days	\$200,000.00	120 Days	\$200,000.00	N/A

C.O. #	DATE APPROVED	NET CHANGE	DEPARTMENT HEAD		CONTRACT REVIEW COMMITTEE		TOTAL DEPT. HEAD & CONTRACT REVIEW COMM.		BOARD OF COUNTY COMMISSIONERS		TOTALS
			(ADDS PLUS DEDUCTS) AMOUNT	DAYS	(ADDS PLUS DEDUCTS) AMOUNT	DAYS	(ADDS PLUS DEDUCTS) AMOUNT	DAYS	(ADDS PLUS DEDUCTS) AMOUNT	DAYS	
01	04-07-15	\$282,612.05	\$0	0	\$0	0	\$0	0	\$282,612.05	45	\$282,612.05
02	08-18-15	\$175,669.30	\$0	0	\$0	0	\$0	0	\$175,669.30	75	\$175,669.30
03	Pending	\$77,120.12	\$0	0	\$0	0	\$0	0	\$77,120.12	45	\$77,120.12
TOTAL		\$535,401.47	\$0	\$0	\$0	0	0	0	\$535,401.47	165	\$535,401.47

Notes:

1. Net Change reflects the net amount of additions plus deductions.
2. Adds plus Deducts reflects the net value of unrelated changes for use in determining the approval authority for the Change Order.
3. Liquidated Damages = \$ 2,000 (Prior to Substantial Completion) and = \$ 1,000 (After Substantial Completion).

Change Order No. 2 Summary and Categorization

WUD Project No. 12-066: Water Treatment Plant No. 2 Filter Replacement
Contract No. R2014-0150

C.O.	C.O.	Scope of Work	Additions	(Deletions)	Net Change
#3	Code				
	D	Additional Fittings to resolve conflicts with existing utilities	\$6,152.62	\$ -	\$ 6,152.62
	D	Cleaning of Existing 48 " Water main	\$11,687.81	\$ -	\$ 11,687.81
	O	Substitute 304 Stainless Steel Nuts and Bolts for 316 Stainless Steel		\$28,210.30	\$ (28,210.30)
	D	Relocate Existing Brine Line to Resolve Piping Conflict	\$3,798.47	\$ -	\$ 3,798.47
	O	Provide Interior Coating for Manhole # 8	\$7,183.19	\$ -	\$ 7,183.19
	D	Lime Sludge Removal	\$47,007.93	\$ -	\$ 47,007.93
	O	Beam Extension in Filter Bldg. to incorporate a corbel for hollow core roof panels	\$29,500.40	\$ -	\$ 29,500.40
				\$ -	\$ -
		Total	\$ 105,330.42	\$ 28,210.30	\$ 77,120.12

CHANGE ORDER CATEGORIZATION CODE

- ☒ OWNER INITIATED
- ☒ DIFFERING SITE CONDITIONS
- ☐ ZONING/CODE/ORDINANCE CHANGES
- ☐ ERRORS/OMISSIONS/IN DESIGN

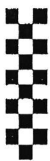
- ☐ QUANTITY OVERRUNS/UNDER-
- ☐ REQUEST BY ANOTHER AGENCY
- ☐ REIMBURSABLE
- ☐ NON-REIMBURSABLE

PARTICIPATION BY M/WBE SUBCONTRACTORS

Name, Address and Phone Number of SBE / MWBE	Type of Work To Be Performed	Subcontract Amount			
		Black	Hispanic	Women	Other (Please Specify)
PipeCon Corporation, Inc 1852 N.W. 21 st Street Pompano Beach, FL 33069 (954) 971-1195	Install 22-1/2 Fittings	_____	_____	_____	<u>\$1,949.14 (SBE)</u>
Totals		<u>\$ 0.00</u>	<u>\$0.00</u>	<u>\$ 0.00</u>	<u>\$1,949.14</u>

Original Contract Amount	<u>\$13,896,000.00</u>	Original Participation	<u>\$2,478,000.00</u>	Percent Participation	<u>17.83%</u>
Current Contract Amount	<u>\$14,354,281.35</u>	Current Participation	<u>2,488,000.00</u>	Percent Participation	<u>17.33%</u>
Adjusted Contract Amount	<u>\$14,431,407.47</u>	Adjusted Participation	<u>\$2,489,949.14</u>	Adjusted Percent Participation	<u>17.25%</u>

M/WBE

OSBA SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE

This document must be completed by ALL SBE-M/WBE's and submitted with this bid packet. Specify in detail, the particular work items to be performed and the dollar amount and/or percentage for each work item. SBE credit will only be given for items which the SBE-M/WBE's is certified to perform. Failure to properly complete Schedule 2 will result in your SBE participation not being counted.

PROJECT NUMBER: 12-068

PROJECT NAME: Water Treatment Plant No. 2 Filter Replacement

TO: MWH Constructors, Inc

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise ☒Minority Business Enterprise ☐Black ☐ Hispanic ☐ Women ☐ Caucasian ☐ Other (Please Specify) ☒ SBE

Date of Palm Beach County Certification: 06/03/14

The undersigned is prepared to perform the following described work in connection with the above project. Additional Sheets May Be Used As Necessary

Line Item/ Lot No. Item Description	Qty/Units	Unit Price \$	Total Price/ Percentage
1 22 1/2 Bends Labor	1	1,949.14	1,949.14 / 2.5%

at the following price or percentage \$

and will enter into a formal agreement for work with you contingent upon your execution of a contract with Palm Beach County.

If undersigned intends to sub-subcontract any portion of this job to a certified SBE-M/WBE or a non-SBE subcontractor, please list the name of that subcontractor and the amount below.

Price or Percentage: N/A
(Name of Subcontractor)

The Prime affirms that it will monitor the SBE-M/WBE listed to ensure the SBE-M/WBE perform the work with their own work force. The undersigned SBE-M/WBE Prime or SBE-M/WBE subcontractor affirms that it has the resources necessary to perform the work listed without subcontracting to a non-certified SBE or any other certified SBE subcontractors except as noted above.

The undersigned subcontractor understands that the provision of this form to Prime Bidder does not prevent Subcontractor from providing quotations to other bidders.

PipeCon Corporation, Inc

Print name of
SBE-M/WBE CompanyBy: Richard L. Berg
(Signature)Richard L. Berg / President
Print name/title of person executing on behalf
of SBE-M/WBEDate: 10/15/15



MWH.
CONSTRUCTORS

C.O. #3
Item #1

September 3, 2015

Palm Beach County, Water Utilities Department
Engineering Division
8100 Forest Hill Boulevard
West Palm Beach, FL 33416

Attn: Vincent M. Riccobono, P.E. – Construction Services

Re: **WTP #2. Filter Replacement, MWHC Job No. 30500465**
MWHC PCO #10 - "(2) Additional 22 Degree Bends" Revised

Gentlemen:

Attached, please find MWH Constructor's (MWHC) "Lump Sum" cost proposal in the amount of \$ **6,152.62** for the additional labor and equipment required to install (2) additional 22-1/2 degree bends provided by the County in order to accommodate the existing conditions associated with the elevations of the existing 30" RCP backwash waste line and the existing 30" WM. Please see the attached sketches for a detailed explanation of why these addition costs are justified. We are currently working on the disinfection and Health Department clearance of the already installed sections of piping (see yellow "high-lighted" sections), upon completion the tie work can be completed after approval of the additional materials covered under this proposal.

The following conditions and clarifications that apply to this proposal:

1. This "Lump Sum" cost proposal has been prepared in accordance with Article 44.A.3.b of our Contract.
2. Overtime work is excluded, except as specifically outline in the attached break-down.
3. This quotation is valid for twenty-one (21) days, after which it will be re-quoted only upon written request.
4. This proposal excludes any cost for changes made to, or required to be made to, any contract drawings or documents other than those specifically transmitted to MWHC for the purpose of providing this proposal, unless such costs are specifically referenced in the attached.
5. Excluded from this proposal are any electrical, mechanical or instrumentation costs for removal, relocation, or replacement of existing utilities or services not specifically included herein.

If you have any comments or questions, please do not hesitate to call me at 954-605-6711.

PCO No 10 - Additional 22 Degree Bends 060315A.docx

490 Sawgrass Corporate Parkway
Suite 300
Sunrise, Florida 33325 United States

TEL 954 846 0401
FAX 954 846 0424
www.mwhglobal.com

Palm Beach County, WTP#2 Filter Replacement
9/3/2015

C.O. #3
Item #1

Sincerely,

MWH Constructors, Inc.



Thad Buckley
Southeast Regional Manager.

Attachments: (10) Pages.

C.O. #3
Item #1



MWH®

CONSTRUCTORS

BUILDING A BETTER WORLD

Job Name Palm Beach County WTP#2 Filter Replacement

Job No. 30500465

PCO # 10

Date 09/03/15

RECAPITULATION

Sheet No.	Sheet Identification	Material	Base Labor	Eq & Tools \$
1	(2) 22-1/2 Degree Bends Mat. & Field Foreman	0.00	189.00	22.44
Totals: Material Cost - Labor Hours		0.00	189.00	22.44
CATEGORY		BASE LABOR RATE		SUBTOTALS
Operator	\$37.50	Labor Cost		189.00
Operator (OT)	\$56.25	Material Cost		0.00
Journeyman	\$37.50	Tools & Constr. Equipment		22.44
Journeyman (OT)	\$56.25	Subcontractors	Pipcon	5,511.69
Working Foreman	\$47.25			
Working Foreman (OT)	\$70.88	Sales Tax	6%	1.35
Superintendent	\$71.39	Gen. Administration		0.00
Superintendent (OT)	\$107.09	SubTotal		5,724.48
General Construction Labor	\$30.00	Burden		Included
General Construction Labor (OT)	\$45.00	Gen. Mark-Up	15%	31.92
Carpenter	\$40.00	Sub. Mark-Up	5%	275.58
Carpenter (OT)	\$60.00	SubTotal		6,031.98
Project Manager	\$77.88	Bond	1%	60.32
Project Manager (OT)	\$116.82	Insurance	1%	60.32
		Total		\$6,152.62



MWH
CONSTRUCTORS

FILE

C.O. # 3
Item # 2

December 26, 2014

Palm Beach County, Water Utilities Department
Engineering Division
8100 Forest Hill Boulevard
West Palm Beach, FL 33416

Attn: Vincent M. Riccobono, P.E. – Construction Services
Re: **WTP #2. Filter Replacement, MWHC Job No. 30500465**
MWHC PCO #03 - "Clean-Out of Existing 48" WM"

Gentlemen:

Attached, please find MWH Constructor's (MWHC) cost proposal in the amount of **\$ 11,687.81** for the additional labor, materials and equipment required to clean-out and re-bacteriologically test the existing 48" WM.

The following conditions and clarifications that apply to this proposal:

1. Overtime work is excluded, except as specifically outline in the attached break-down.
2. The MWHC request additional direct contract time of (28) calendar days to complete this work.
3. Excluded from this proposal are any electrical, mechanical or instrumentation costs for removal, relocation, or replacement of existing utilities or services not specifically included herein.

If you have any comments or questions, please do not hesitate to call me at 954-605-6711.

Sincerely,

MWH Constructors, Inc.


Thad Buckley
Southeast Regional Manager.

Attachments: (18) Pages.

C.O. # 3
Item # 2



Job Name Palm Beach County WTP#2 Filter Replacement

Job No. 30500465

PCO # 3R2 - T&M

Date 12/26/14

RECAPITULATION

Sheet No.	Sheet Identification	Material	Base Labor	ODJC
1	MWHC Direct Costs - 54" WM Clean-Out	1,386.13	1,427.80	1,838.00
Totals: Material Cost - Labor Hours		1,386.13	1,427.80	1,838.00
CATEGORY		BASE LABOR RATE		SUBTOTALS
Operator	\$37.50	Labor Cost		1,427.80
Operator (OT)	\$56.25	Material Cost		1,386.13
Journeyman	\$37.50	Tools & Constr. Equipment		1,838.00
Journeyman (OT)	\$56.25	Subcontractors Johnson Env.		2,402.50
Working Foreman	\$47.25	Pipe-Con		3,466.20
Working Foreman (OT)	\$70.88	Sales Tax 6%		193.45
Superintendent	\$71.39	Gen. Administration		0.00
Superintendent (OT)	\$107.09	SubTotal		10,714.08
General Construction Labor	\$30.00	Burden		Included
General Construction Labor (OT)	\$45.00	Gen. Mark-Up 15%		451.11
Carpenter	\$40.00	Sub. Mark-Up 5%		293.44
Carpenter (OT)	\$60.00	SubTotal		11,458.63
Project Manager	\$77.88	Bond 1%		114.59
Project Manager (OT)	\$116.82	Insurance 1%		114.59
		Total		\$11,687.81



MWH®
CONSTRUCTORS

C.O. #3
Item #3

January 28, 2015

Palm Beach County, Water Utilities Department
Engineering Division
8100 Forest Hill Boulevard
West Palm Beach, FL 33416

Attn: Vincent M. Riccobono, P.E. – Construction Services
Re: **WTP #2. Filter Replacement, MWHC Job No. 30500465**
MWHC PCO #05 - "Credit for 304SS vs 316SS Nuts & Bolts"

Gentlemen:

MWH Constructor's (MWHC) is pleased to offer the attached "Lump Sum" **credit** proposal in the amount of **(\$ 28,210.30)** for supplying 304SS nuts and bolts in lieu of the 316SS nuts and bolts specified.

If you have any comments or questions, please do not hesitate to call me at 954-605-6711.

Sincerely,

MWH Constructors, Inc.



Thad Buckley
Southeast Regional Manager.

Attachments: (4) Pages.

Nut - Bolt - Gasket Take-Off
Palm Beach County WTP#2

Gary Morgan

Sales - Ferguson Plant Division

1950 NW 18th St | Pompano Beach, FL 33069

Tel (954) 973-8100 | Cell (954) 707-1058

Fax (954) 917-3134 | Gary.Morgan2@Ferguson.com



C.O. #3
Item #3

Location TAG	Qty	Size	NB /G	Description	By	Material Type	ange Types (1/ F1 F2	Notes	316SS	Net	304SS	Net
GCY01 - 2.5 MGT	6	30	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP DIP		\$ 516.09	\$ 3,096.55	\$ 388.51	\$ 2,331.03
GCY02 - Water Can	6	4	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP DIP		\$ 10.00	\$ 60.00	\$ 6.90	\$ 41.38
GCY02 - Water Can	24	3	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP DIP		\$ 5.17	\$ 124.14	\$ 3.45	\$ 82.76
GCY03 - BR Line	3	8	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP DIP		\$ 16.90	\$ 50.69	\$ 13.79	\$ 41.38
M1, M2	16	18	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP BFV	DIP Sizes B	\$ 170.11	\$ 2,721.84	\$ 98.85	\$ 1,581.61
M1, M2	8	18	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP DIP		\$ 170.11	\$ 1,360.92	\$ 98.85	\$ 790.80
M10, M11	16	24	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP BFV	DIP Sizes B	\$ 337.93	\$ 5,406.90	\$ 229.89	\$ 3,678.16
M10, M11	28	24	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP DIP		\$ 337.93	\$ 9,462.07	\$ 229.89	\$ 6,436.78
M12	2	24	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP MAG		\$ 337.93	\$ 675.86	\$ 229.89	\$ 459.77
M12	5	24	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP DIP		\$ 337.93	\$ 1,689.66	\$ 229.89	\$ 1,149.43
M12	2	24	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP BFV	DIP Sizes B	\$ 337.93	\$ 675.86	\$ 229.89	\$ 459.77
M13	11	24	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP DIP		\$ 337.93	\$ 3,717.24	\$ 229.89	\$ 2,528.74
M15, M16	16	24	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP BFV	DIP Sizes B	\$ 337.93	\$ 5,406.90	\$ 229.89	\$ 3,678.16
M17, M19	19	24	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP DIP		\$ 337.93	\$ 6,420.69	\$ 229.89	\$ 4,367.82
M18	9	24	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP DIP		\$ 337.93	\$ 3,041.38	\$ 229.89	\$ 2,068.97
M20	4	12	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP DIP		\$ 40.69	\$ 162.76	\$ 29.89	\$ 119.54
M20	2	12	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP BFV	DIP Sizes B	\$ 40.69	\$ 81.38	\$ 29.89	\$ 59.77
M3	10	36	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP DIP		\$ 1,089.66	\$ 10,896.55	\$ 858.62	\$ 8,586.21
M3	1	24	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP DIP		\$ 337.93	\$ 337.93	\$ 229.89	\$ 229.89
M30 - BW & TR PS	6	14	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP VTP	DIP Sizes B	\$ 60.92	\$ 365.52	\$ 45.98	\$ 275.86

Nut - Bolt - Gasket Take-Off
Palm Beach County WTP#2

Gary Morgan

Sales - Ferguson Plant Division
1950 NW 18th St | Pompano Beach, FL 33069
Tel (954) 973-8100 | Cell (954) 707-1058
Fax (954) 917-3134 | Gary.Morgan2@Ferguson.com



C.O. #3
Item #3

Location TAG	Qty	Size	NB /G	Description	By	Material Type	ange Types (1/		Notes	316SS	Net	304SS	Net
							F1	F2					
M30 - BW & TR PS	6	16	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	CKV	DIP Sizes	\$ 80.46	\$ 482.76	\$ 61.49	\$ 368.97
M30 - BW & TR PS	6	16	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	DIP	DIP Sizes	\$ 115.00	\$ 690.00	\$ 89.00	\$ 534.00
M30 - BW & TR PS	6	16	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	FL-ADPT	DIP Sizes	\$ 115.00	\$ 690.00	\$ 89.00	\$ 534.00
M30 - BW & TR PS	22	16	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	BFV	DIP Sizes	\$ 80.46	\$ 1,770.11	\$ 61.49	\$ 1,352.87
M30 - BW & TR PS	13	30	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	DIP		\$ 516.09	\$ 6,709.20	\$ 388.51	\$ 5,050.57
M30 - BW & TR PS	12	12	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	DIP		\$ 40.69	\$ 488.28	\$ 29.89	\$ 358.62
M30 - BW & TR PS	8	24	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	DIP		\$ 337.93	\$ 2,703.45	\$ 229.89	\$ 1,839.08
M4	7	48	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	DIP		\$ 1,706.90	\$ 11,948.28	\$ 1,275.86	\$ 8,931.03
M40 - BWW PS	8	8	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	DIP		\$ 16.90	\$ 135.17	\$ 13.79	\$ 110.34
M40 - BWW PS	16	6	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	DIP		\$ 16.90	\$ 270.34	\$ 13.79	\$ 220.69
M40 - BWW PS	2	4	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	DIP		\$ 10.00	\$ 20.00	\$ 6.90	\$ 13.79
M5 - M8	32	12	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	DIP		\$ 40.69	\$ 1,302.07	\$ 29.89	\$ 956.32
M5 - M8	16	12	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	MAG		\$ 40.69	\$ 651.03	\$ 29.89	\$ 478.16
M5 - M8	16	12	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	BFV	DIP Sizes	\$ 40.69	\$ 651.03	\$ 29.89	\$ 478.16
M9	11	36	NB	Nut & Bolt Set	IWF	316SS - B8M	DIP	DIP		\$ 1,089.66	\$ 11,986.21	\$ 858.62	\$ 9,444.83
											\$ 96,252.76		\$ 69,639.26

Cost Delta	\$ 26,613.49
Sales Tax	6% \$ 1,596.81
Total Credit	\$ 28,210.30



MWH.
CONSTRUCTORS

C.O. #3
Item #4

December 23, 2014

Palm Beach County, Water Utilities Department
Engineering Division
8100 Forest Hill Boulevard
West Palm Beach, FL 33416

Attn: Vincent M. Riccobono, P.E. – Construction Services
Re: **WTP #2. Filter Replacement, MWHC Job No. 30500465**
MWHC PCO #04 - "Existing Brine Line Relocation in (2) Locations Rev A"

Gentlemen:

Attached, please find MWH Constructor's (MWHC) "Lump Sum" cost proposal in the amount of \$ **3,798.47** for the additional labor, materials and equipment required to relocate the existing 2-1/2" x 6" Brine Line in (2) locations. This work will be completed in two separate events as our work schedule dictates, as (1) relocation is currently holding up the completion of the 16" SE line to the South Softener Treatment Unit. We have released the materials per the direction of Carollo during a recent project coordination meeting.

The following conditions and clarifications that apply to this proposal:

1. This "Lump Sum" cost proposal has been prepared in accordance with Article 44.A.3.b of our Contract.
2. Overtime work is excluded, except as specifically outline in the attached break-down.
3. The MWHC request additional direct contract time of (2) calendar days to complete this work. In addition, upon receipt of an approved change order by Palm Beach County, we reserve our right to request additional contract time as a result of these changes upon including this work into the approved CPM Schedule.
4. This quotation is valid for twenty-one (21) days, after which it will be re-quoted only upon written request.
5. This proposal excludes any cost for changes made to, or required to be made to, any contract drawings or documents other than those specifically transmitted to MWHC for the purpose of providing this proposal, unless such costs are specifically referenced in the attached.
6. Excluded from this proposal are any electrical, mechanical or instrumentation costs for removal, relocation, or replacement of existing utilities or services not specifically included herein.

If you have any comments or questions, please do not hesitate to call me at 954-605-6711.

490 Sawgrass Corporate Parkway
Suite 300
Sunrise, Florida 33325 United States

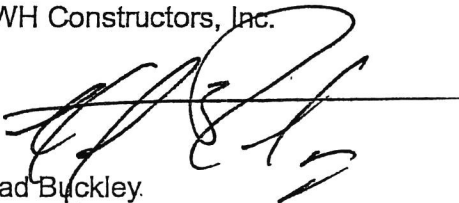
TEL 954 846 0401
FAX 954 846 0424
www.mwhglobal.com

Palm Beach County, WTP#2 Filter Replacement
12/23/2014

CO. #3
Item #4

Sincerely,

MWH Constructors, Inc.

A handwritten signature in black ink, appearing to read 'Thad Buckley', is written over a horizontal line.

Thad Buckley.
Southeast Regional Manager.

Attachments: (2) Pages.

C.O. #3
Item #4



MWH®

CONSTRUCTORS

BUILDING A BETTER WORLD

Job Name Palm Beach County WTP#2 Filter Replacement

Job No. 30500465

PCO # 4 RevA

Date 12/23/14

RECAPITULATION

Sheet No.	Sheet Identification	Material	Base Labor	Eq & Tools \$
1	Existing Brine Pipe Relocation	1,487.74	1,661.25	0.00
Totals: Material Cost - Labor Hours		1,487.74	1,661.25	0.00

CATEGORY	BASE LABOR RATE	SUBTOTALS	
Operator	\$37.50	Labor Cost	1,661.25
Operator (OT)	\$56.25	Material Cost	1,487.74
Journeyman	\$37.50	Tools & Constr. Equipment	0.00
Journeyman (OT)	\$56.25	Subcontractors	0.00
Working Foreman	\$47.25		0.00
Working Foreman (OT)	\$70.88	Sales Tax 6%	89.26
Sr. Working Foreman	\$71.39	Gen. Administration	0.00
Sr. Working Foreman (OT)	\$107.09	Self-Perform SubTotal	3,238.25
General Construction Labor	\$30.00	Burden	Included
General Construction Labor (OT)	\$45.00	Gen. Mark-Up 15%	485.74
Carpenter	\$40.00	Sub. Mark-Up 10%	0.00
Carpenter (OT)	\$60.00	SubTotal	3,723.99
Project Manager	\$77.88	Bond 1%	37.24
Project Manager (OT)	\$116.82	Insurance 1%	37.24
		Total	\$3,798.47

C.O. #3
Item #5



MWH®
CONSTRUCTORS

June 10, 2015

Palm Beach County, Water Utilities Department
Engineering Division
8100 Forest Hill Boulevard
West Palm Beach, FL 33416

Attn: Vincent M. Riccobono, P.E. – Construction Services

Re: WTP #2. Filter Replacement, MWHC Job No. 30500465
MWHC PCO #12 Revised - "Interior Coating of MH #8"

Gentlemen:

Attached, please find MWH Constructor's (MWHC) Revised "Lump Sum" cost proposal in the amount of **\$ 7,183.19** for the additional labor, materials and equipment required to install the CIM water-proofing membrane inside Manhole #8. This additional coating was requested in the field by Carollo, please advise us as soon as possible if we are authorized to proceed with this additional work.

The following conditions and clarifications that apply to this proposal:

1. This "Lump Sum" cost proposal has been prepared in accordance with Article 44.A.3.b of our Contract.
2. Overtime work is excluded, except as specifically outline in the attached break-down.
3. This quotation is valid for twenty-one (21) days, after which it will be re-quoted only upon written request.
4. This proposal excludes any cost for changes made to, or required to be made to, any contract drawings or documents other than those specifically transmitted to MWHC for the purpose of providing this proposal, unless such costs are specifically referenced in the attached.
5. Excluded from this proposal are any electrical, mechanical or instrumentation costs for removal, relocation, or replacement of existing utilities or services not specifically included herein.

If you have any comments or questions, please do not hesitate to call me at 954-605-6711.

Sincerely,

MWH Constructors, Inc.

PCO No 12 - Interior Coating of Manhole #8.docx

490 Sawgrass Corporate Parkway
Suite 300
Sunrise, Florida 33325 United States

TEL 954 846 0401
FAX 954 846 0424
www.mwhglobal.com

C.O. # 3
Item # 5

Palm Beach County, WTP#2 Filter Replacement
6/10/2015



Thad Buckley
Southeast Regional Manager.

Attachments: (10) Pages.

PAGE 2

Operator	\$56.25	Material Cost	0.00
Operator (OT)	\$56.25	Tools & Constr. Equipment	0.00
Journeyman	\$37.50	Subcontractors Amherst	6,500.00
Journeyman (OT)	\$56.25		
Working Foreman	\$47.25	Sales Tax 6%	0.00
Working Foreman (OT)	\$70.88	Gen. Administration	0.00
Superintendent	\$71.39	SubTotal	6,689.00
Superintendent (OT)	\$107.09	Burden Included	
General Construction Labor	\$30.00	Gen. Mark-Up 15%	28.35
General Construction Labor (OT)	\$45.00	Sub. Mark-Up 5%	325.00
Carpenter	\$40.00	SubTotal	7,042.35
Carpenter (OT)	\$60.00	Bond 1%	70.42
Project Manager	\$77.88	Insurance 1%	70.42
Project Manager (OT)	\$116.82	Total	\$7,183.19