



**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

<b>Fiscal Years</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Capital Expenditure	<u>\$175,669.</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>
<b>NET FISCAL IMPACT</b>	<b><u>\$175,669.</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
<b># ADDITIONAL FTE POSITIONS (Cumulative)</b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

**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:**

One (1) time capital expenditure from user fees with balance brought forward

**C. Department Fiscal Review:** Delia M. West

**III. REVIEW COMMENTS**

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

Sherry Brown  
3/26/15  
7/6/15  
OFMB

Jan J. Jacobson 7/15/15  
Contract Development and Control  
7-10-15 B. Wheeler

**B. Legal Sufficiency:**

Mark R. Smith 7/15/15  
Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
Department Director

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

ATTACHMENT - I  
Project Location Map

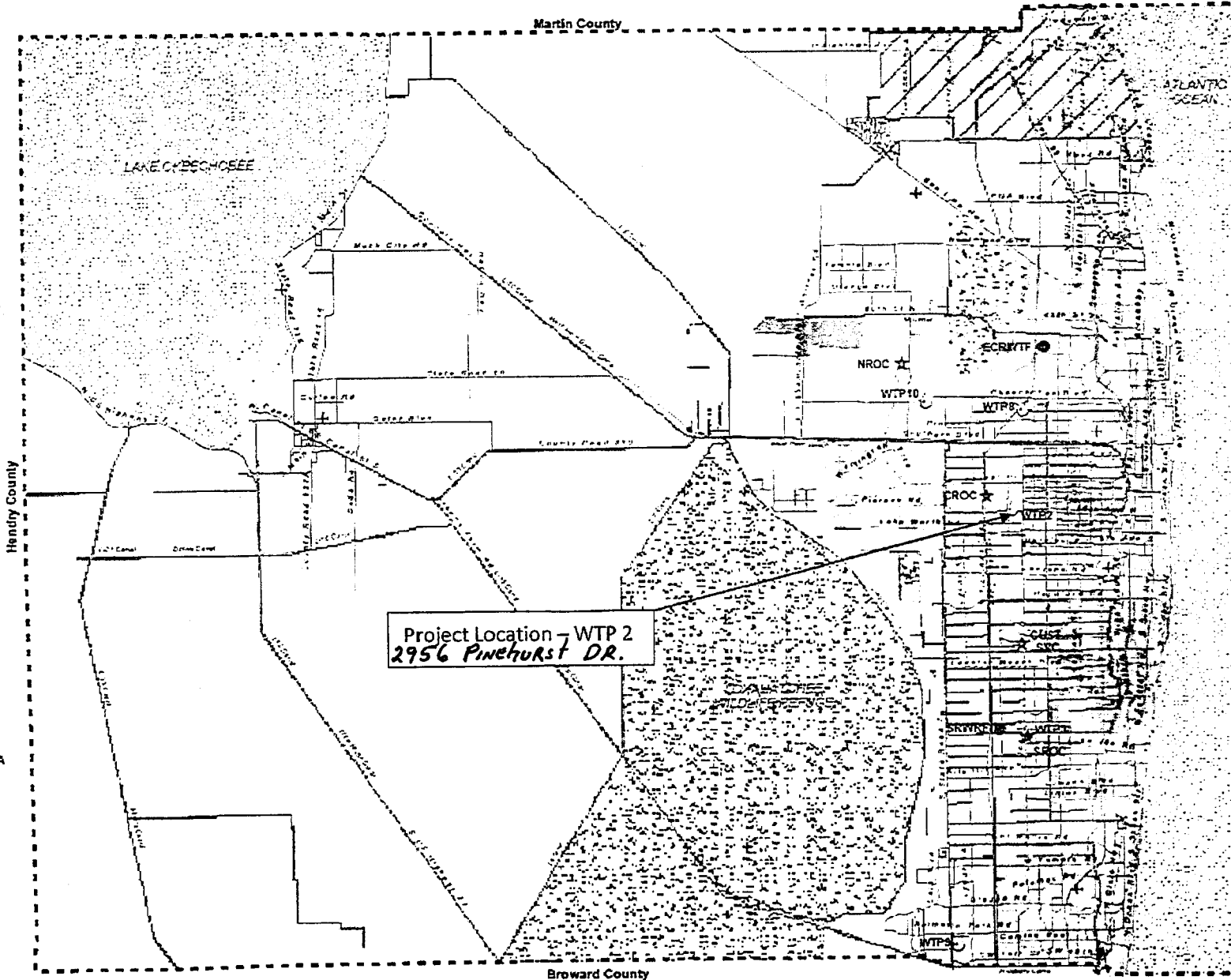


Palm Beach County  
Water Utilities  
Department  
Service Area (SA) and  
Major Facilities

Attachment 1

Legend

- ..... MANDATORY RECLAIMED SA
- Water Treatment Facility
- ★ Administration
- Water Reclamation Facility
- - - COUNTY LIMITS
- P.B.C.W.U.D. SA



CHANGE ORDER

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

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

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

- |   |              |
|---|--------------|
| 1. Extend project schedule 75 days due to the addition of a protective coating system to the walls and floor of the new Filter Building Clear Well  | \$0.00       |
| 2. Furnish and install (F&I) all material, equipment and labor to provide a protective CIM coating system on the walls and floor of the newly constructed Filter Building Clear Well using Plural Component Trowel On Application | \$175,669.30 |

Total:	<u>\$175,669.30</u>
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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>282,612.05</u>
The Contract Sum prior to this Change Order was .....	<u>\$14,178,612.05</u>
The Contract Sum will be <b>increased</b> by this Change Order .....	<u>\$175,669.30</u>
The New Contract Sum indicating this Change Order will be.....	<u>\$14,354,281.35</u>
The Contract Time will be <b>changed</b> by Seventy-Five <b>(75)</b> days .....	<u>75 Days</u>
The Date of Substantial Completion including this Change Order: .....	<u>October 24, 2015</u>
The Date of Final Completion including this Change Order: .....	<u>December 23, 2015</u>

Water Treatment Plant No. 2 Filter Replacement

Project No. WUD 12-066

District Number: 2

Contract No. R2014-0150

Change Order No. 2

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

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

Palm Beach County  
Board of County Commissioners  
OWNER

P.O. Box 16097

1000 Sawgrass Corp. Pkwy.  
Suite 120

301 N. Olive Avenue

West Palm Beach, FL 33416

Sunrise, FL 33324

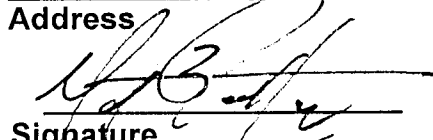
West Palm Beach, FL 33401

Address

Address

Address







Signature

Signature

Signature

Vincent M. Riccobono, P.E.

Thad Buckley, Southeast  
Regional Manager

Shelley Vana, Mayor

6-23-15

6/26/15

DATE

DATE

DATE

JCS

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**

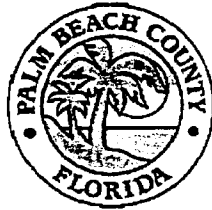
PROJECT:	<b>Water Treatment Plant No. 2 Filter Replacement</b>	<u>APPROVAL LIMITS:</u>							
CONTRACTOR:	<b>MWH Constructors, Inc.</b>								
PROJECT NO.:	<b>WUD 12-066</b>								
RESOLUTION NO.:	<b>R2014-0150</b>								
DATE APPROVED:	<b>February 4, 2014</b>								
CONTRACT AMOUNT:	<b>\$13,896,000.00</b>								

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	Pending	\$175,669.30							\$175,669.30	75	\$175,669.30	
<b>TOTAL</b>			<b>\$458,281.35</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$ 458,281.35</b>	<b>120</b>	<b>\$458,281.35</b>

- 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 = \$ 1,000 (Prior to Substantial Completion) and = \$ 500 (After Substantial Completion).



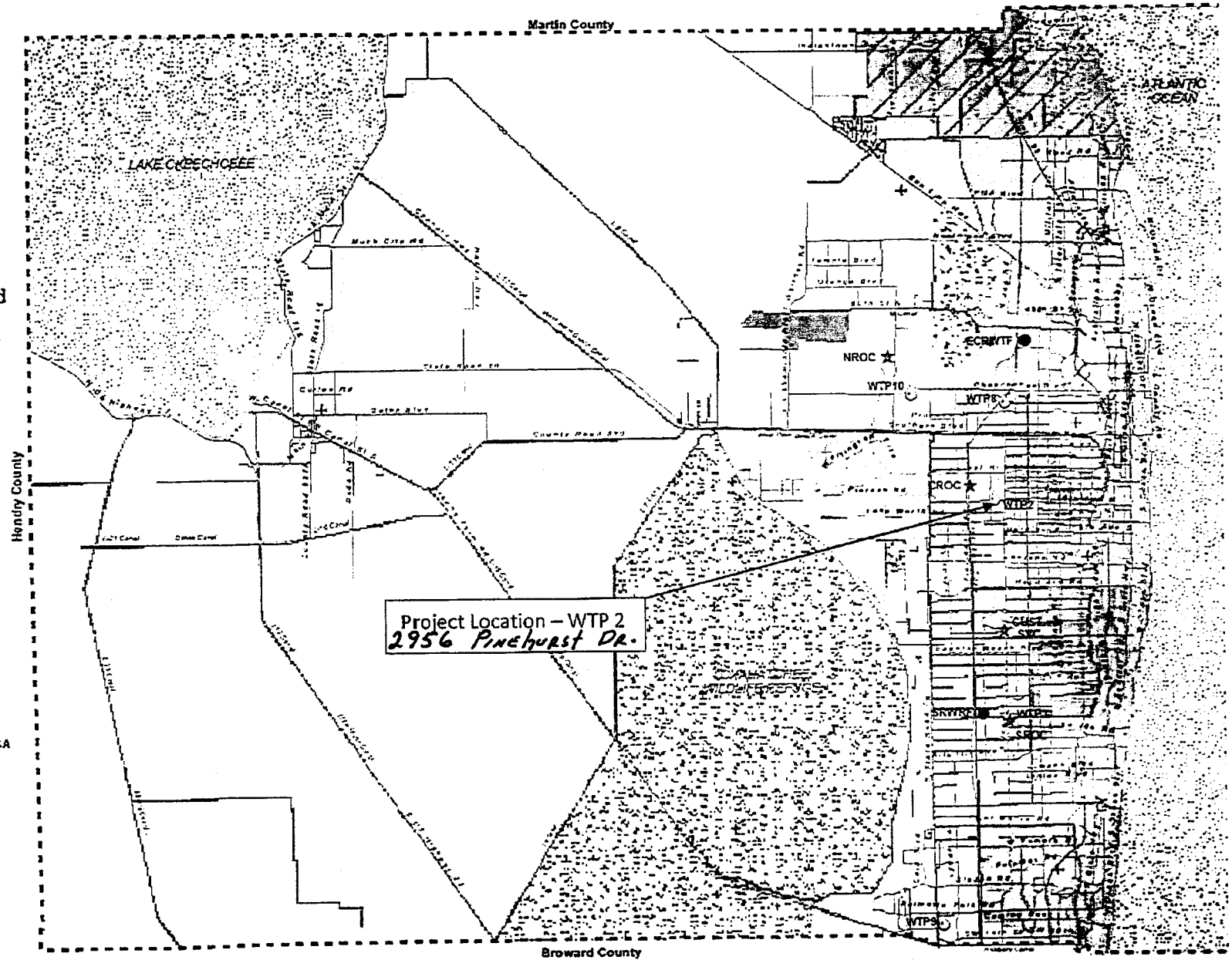
# Project Location Map



Palm Beach County  
Water Utilities  
Department  
Service Area (SA) and  
Major Facilities

### Legend

- ..... MANDATORY RECLAIMED SA
- Water Treatment Facility
- ★ Administration
- Water Reclamation Facility
- - - COUNTY LIMITS
- P.B.C.W.U.D. SA





**MWH**  
**CONSTRUCTORS**

June 18, 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 #19 - "Interior CIM Coating of Filter Building Clear-well" Revised**

Gentlemen:

As requested by Palm Beach County MWH Constructors has developed the attached cost proposal for the addition of the CIM specialty coating to the walls and floors of the Filter Building Clear-well and several value added credits as listed below. The attached "Lump Sum" cost proposal is in the amount of **\$ 175,669.30** for the additional labor, materials and equipment required to install the CIM water-proofing membrane inside the clear well and other value credits as described below and detailed in the attachments.

**Summary of Changes:**

1. Cost Break-Down for the addition of CIM coating in the clear-well on the walls and floors with the use of the Plural-Component Trowel on Application to match the area completed in Filter #2 on the south wall, on the east side of the gullet walls: **Add \$ 195,669.30** (see attached break-down).
2. Value added credit for the application of Wunderfixx (See Attached) concrete coating/patching material on all exposed exterior concrete surfaces of the filter building in lieu of stucco. The coated areas in question will be finished to match the walls of the Filter Pipe Gallery which has recently been completed. A total credit of **(\$ 10,000.00)** has been offered as follows: (\$ 54,000 Deduct for Stucco) + (\$ 44,000 Add to Lopresto Builders, See Attached).
3. Credit for installation of coatings on Filter Floors (see attached) **(\$ 10,000.00)**.
4. Total Change Order Amount: **Add \$ 175,669.30**

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.

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**  
**6/18/2015**

3. MWHC will require a 75 day time extension to complete the work outline in this change order proposal.
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.

Sincerely,

MWH Constructors, Inc.



Thad Buckley  
Southeast Regional Manager.

Attachments: (8) Pages.





# AMHERST MAINTENANCE, INC.

## *PROPOSAL*

June 18, 2015

MWH Constructors  
1000 Sawgrass Corporate Parkway  
Sunrise Fl 33323

Attention: Thad Buckley

Re: Additional Coating at the Clearwell concrete walls and floors at Palm Beach County Water Utilities Department, West Palm Beach Florida, Water treatment plant #2 Filter Replacement.

**SCOPE OF WORK** -Coating approximately 9,000 square feet of floors, walls and columns at the Clearwell as per Section 09960 (High Performance Coating).

### 1. WALLS AND COLUMNS

- a. High pressure wash walls and columns at a rate of 40,000 psi to achieve a CSP-5 surface profile
- b. Apply Tnemec Series 218 Mortar Clad Epoxy at a rate of 1/16"
- c. Apply 50 mils of CIM 1000 TG by trowel.

### 2. SLAB/FLOOR

- a. High pressure wash slab at a rate of 20,000 to 30,000 psi to achieve a CSP-2 surface profile.
- b. Apply (only if recommended by CIM Manufacturer) 61-TN primer.
- c. Apply 50 mils of CIM 1000 TG by trowel.

**TOTAL AMOUNT \$155,000.00**

**Price includes all labor, materials, scaffoldings, insurances, licenses, bonding and supervision.**

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920 Harbor Lake Court, Safety Harbor Florida 34695  
Phone (727) 781-6500 Fax (727) 726-8729 Email: AmherstMaintenance@verizon.net

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## **EQUIPMENT COSTS ASSOCIATED WITH THIS PROPOSAL**

1. **NLB-Ultra High Pressure Diesel powered water blaster 50 gallons of diesel per day)**
  2. **Scaffolding**
  3. **Hopper guns**
  4. **Ingersoll Rand 375 Air Compressor (50 gallons of diesel per day)**
  5. **Misc small tools**
  6. **Fans- generate air flow**
  7. **Instruments to record Dew point, humidity and PH in concrete.**
  8. **Dumpster**
-



PC#: 090
5770 N MILITARY TRL
WEST PALM BEACH, FL 33407-184
561-682-9888

SUNBELT RENTALS, INC.

Salesman: 09000 WEST PALM BEACH (090)
Typed By: DBAGLIO

Job Site:

WATER PLANT
12300 FOREST HILL BLVD
WELLINGTON, FL 33414 5785

C#: 954-846-0401 J#: 954-605-6711

Customer: 456669

MWH CONSTRUCTORS INC
1000 SAWGRASS CORPORATE PKWY S
SUNRISE, FL 33323

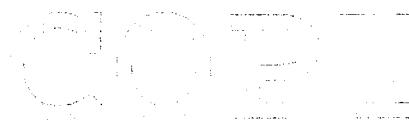
QUOTE



Contract #.. 52903169
Contract dt. 6/08/15
Date out.... 6/15/15 8:00 AM
Est return.. 7/13/15 8:00 AM
Job Loc..... 12300 FOREST HILL BLVD
Job No..... 1 - WATER PLANT
P.O. #..... 30500465
Ordered By.. BUCKLEY, THAD
NET DUE UPON RECEIPT

Table with columns: QTY, EQUIPMENT #, Min, Day, Week, 4 Week, Amount. Includes equipment list (TRIPOD LIGHT STAND, HIGH VOLUME FAN), SALES ITEMS (ENVIRONMENTAL RENTAL PROTECTION PLAN), and a total amount of 1573.00.

Handwritten notes: 5.25 Light Stand, 8.625 FANS/BLK N/C, 195.00



Rate your rental experience www.sunbeltrentals.com/survey

IF THE EQUIPMENT DOES NOT WORK PROPERLY, NOTIFY THE OFFICE AT ONCE
MULTIPLE SHIFTS OR OVERTIME RATES MAY APPLY
CUSTOMER IS RESPONSIBLE FOR REFUELING, DAMAGES AND REPAIRS
1. The total charges are an estimate based on the estimated rental period provided by Customer.
2. Customer assumes all risks associated with the Equipment during the Rental Period, including injury and damage to persons, property and the Equipment.
3. Customer is responsible for and shall only permit properly trained, authorized individuals, who are not impaired (under the influence of drugs or alcohol), to use the Equipment.
4. If the Equipment does not operate properly, is not suitable for Customer's intended use, does not have operating and safety instructions or Customer has any questions regarding use of the Equipment, Customer shall not use the Equipment and shall contact Sunbelt immediately.
5. Misuse of the Equipment or using damaged or malfunctioning Equipment may result in serious bodily injury or death.
6. Customer has received, read, understands and agrees to the estimated charges herein and all the terms and conditions of this Contract, including the Release and Indemnification provision in Section 7 and the Environmental Fee in Section 14, which can also be found at www.sunbeltrentals.com/rentalcontract. \* Delivery/Pickup Surcharge fee explanation is available at www.sunbeltrentals.com/surcharge
7. Customer must contact Sunbelt to request pickup of Equipment, retain the Pick Up Number given by Sunbelt and will be responsible for Equipment until actually retrieved by Sunbelt.
8. For operations in California: Customer is renting equipment registered under the California Air Resources Board (CARB) Portable Equipment Registration Program (PERP). The operator of the Equipment is subject to the requirements of the PERP regulation and local Air Pollution Control District rules. Under the PERP Regulation, the Customer is required to keep a copy of the rental agreement and CARB registration certificate, including operating conditions and notification requirements, with the Equipment at all times. Customer must also complete the log provided with the Equipment as required by PERP and returning the log with the Equipment (see www.arb.ca.gov/portable/portable.htm). By signing this Contract, the Customer acknowledges receipt of these documents.
Customer is declining Rental Protection Plan \_\_\_\_\_ (Customer Initials)
Customer Signature Date Name Printed Delivered By Date






PC#: 080  
 21100 SHERIDAN ST  
 FORT LAUDERDALE, FL 33332-230  
 954-447-3365

**SUNBELT RENTALS, INC.**  
 Salesman: 09000 WEST PALM BEACH (090)  
 Typed By: DBAGLIO

Job Site:  
 WATER PLANT  
 12300 FOREST HILL BLVD  
 WELLINGTON, FL 33414 5785  
  
 C#: 954-846-0401 J#: 954-605-6711

Customer: 456669  
 MWH CONSTRUCTORS INC  
 1000 SAWGRASS CORPORATE PKWY S  
 SUNRISE, FL 33323

**QUOTE**



Contract #.. 52903557  
 Contract dt. 6/08/15  
 Date out.... 6/15/15 8:00 AM  
 Est return.. 7/13/15 8:00 AM  
 Job Loc..... 12300 FOREST HILL BLVD  
 Job No..... 1 - WATER PLANT  
 P.O. #..... 30500465  
 Ordered By.. BUCKLEY, THAD  
 NET DUE UPON RECEIPT

QTY	EQUIPMENT #	Min	Day	Week	4 Week	Amount
1.00	GAS DETECTOR 0730018	118.00	200.00	500.00	1900.00	1900.00
						<i>8 = 14.75/hr</i>
<b>SALES ITEMS:</b>						
Qty	Item number	Unit	Price			
1	ENVIRONMENTAL ENVIRONMENTAL RENTAL PROTECTION PLAN	EA				N/C  285.00
Sub-total:						2185.00
Tax:						114.00
Total:						2299.00
<b>COPI</b>						
***** * <b>Rate your rental experience <a href="http://www.sunbeltrentals.com/survey">www.sunbeltrentals.com/survey</a></b> * *						
IF THE EQUIPMENT DOES NOT WORK PROPERLY, NOTIFY THE OFFICE AT ONCE			MULTIPLE SHIFTS OR OVERTIME RATES MAY APPLY		CUSTOMER IS RESPONSIBLE FOR REFUELING, DAMAGES AND REPAIRS	
1. The total charges are an estimate based on the estimated rental period provided by Customer. 2. Customer assumes all risks associated with the Equipment during the Rental Period, including injury and damage to persons, property and the Equipment. 3. Customer is responsible for and shall only permit properly trained, authorized individuals, who are not impaired (under the influence of drugs or alcohol), to use the Equipment. 4. If the Equipment does not operate properly, is not suitable for Customer's intended use, does not have operating and safety instructions or Customer has any questions regarding use of the Equipment, Customer shall not use the Equipment and shall contact Sunbelt immediately. 5. Misuse of the Equipment or using damaged or malfunctioning Equipment may result in serious bodily injury or death. 6. Customer has received, read, understands and agrees to the estimated charges herein and all the terms and conditions of this Contract, including the Release and Indemnification provision in Section 7 and the Environmental Fee in Section 14, which can also be found at <a href="http://www.sunbeltrentals.com/rentalcontract">www.sunbeltrentals.com/rentalcontract</a> . * Delivery/Pickup Surcharge fee explanation is available at <a href="http://www.sunbeltrentals.com/surcharge">www.sunbeltrentals.com/surcharge</a> 7. Customer must contact Sunbelt to request pickup of Equipment, retain the Pick Up Number given by Sunbelt and will be responsible for Equipment until actually retrieved by Sunbelt. 8. For operations in California: Customer is renting equipment registered under the California Air Resources Board (CARB) Portable Equipment Registration Program (PERP). The operator of the Equipment is subject to the requirements of the PERP regulation and local Air Pollution Control District rules. Under the PERP Regulation, the Customer is required to keep a copy of the rental agreement and CARB registration certificate, including operating conditions and notification requirements, with the Equipment at all times. Customer must also complete the log provided with the Equipment as required by PERP and returning the log with the Equipment (see <a href="http://www.arb.ca.gov/portable/portable.htm">www.arb.ca.gov/portable/portable.htm</a> ). By signing this Contract, the Customer acknowledges receipt of these documents.						
Customer is declining Rental Protection Plan _____ (Customer Initials)						
Customer Signature	Date	Name Printed	Delivered By	Date		



# AMHERST MAINTENANCE, INC.

## **DEDUCT**

June 5, 2015

MWH Constructors  
1000 Sawgrass Corporate Parkway  
Sunrise Fl 33323

Attention: Thad Buckley

Re: **DEDUCT** - filter slab coating at Palm Beach County Water Utilities Department,  
West Palm Beach Florida, Water treatment plant #2 Filter Replacement.

1. Deduct is calculated based on the minimal work that needs to be performed on the filter slabs in correlation to the walls. The walls are 97% of the work due to the labor, materials and height. The slabs in this particular contract are always cleaned and coated last. The Ultra High Pressure wash (UHP) of the floor not only abrades the slab to a surface profile of a CSP-2 that is required for slabs but also cleans the slabs that were going to be performed due to the dirt and debris from the walls. Tnemec series 218 is also not required due to the out gassing that is minimal to nothing compared to the walls. Only two coats of Tnemec Series 141 is the final requirement.

TOTAL DEDUCT AMOUNT \$8,000.00

~~(10,000)~~

Per MWHC

~~#~~

Price includes all labor, materials, scaffoldings, insurances, licenses, bonding and supervision.

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920 Harbor Lake Court, Safety Harbor Florida 34695  
Phone (727) 781-6500 Fax (727) 726-8729 Email: AmherstMaintenance@verizon.net

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