

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS**

AGENDA ITEM SUMMARY

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Meeting Date:	April 15, 2008	Consent [X]	Regular []
		Public Hearing []	

Submitted By: Water Utilities Department
Submitted For: Water Utilities Department

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I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Change Order No. 7 to the Contract with R.J. Sullivan, Corp. (R2006-0780) for the Water Treatment Plant No. 8 Expansion Project decreasing the contract price by \$44,500.56 and providing a fifty-nine (59) day time extension.

Summary: Change Order No. 7 authorizes the Contractor to perform various civil, mechanical, and electrical improvements for this project and to resolve conflicts with the proposed new facilities, and to comply with Building Department permit conditions. It also provides the Contractor with additional time (59 days) to accomplish the additional work. Other revisions are to provide operating staff with additional storage containers for materials and equipment, replacement of the volute of High Service Pump #1 and credits for deleting paving and grading and for the elimination of a hurricane hardening screen wall which is being deleted and replaced with hurricane shutters instead. Total change orders to date, excluding the \$1,712,386.46 sales tax recovery program change order, equal \$884,059.29 (4.75% increase). The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15.0% overall. This change order includes zero overall SBE participation. The contractor's cumulative SBE participation, including this change order, is 26.29% overall. (WUD Project No. 05-146) District 2 (JM)

Background and Justification: The County has been expanding its utility infrastructure to provide water and wastewater service to the Northern Region including the Beeline Community Development District, Seminole Improvement District and Seacoast Utility Authority. The Water Treatment Plant No. 8 Expansion will provide an additional 10 million gallons per day of potable water to accommodate the utility's expansion. On May 2, 2006, the Board approved the construction contract with R.J. Sullivan Corp. (R2006-0780). This change order will authorize additional electrical work to resolve conflicts, storage containers for the operating staff and replacement of a high service pump volute as well as a credit for eliminating a hurricane hardening screen wall and paving and grading work.

Attachments:

1. Location Map
2. Two (2) Original Change Order No. 7

Recommended By: *[Signature]* 3/21/08
 Department Director Date

Approved By: *[Signature]* _____
 Assistant County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2008	2009	2010	2011	2012
Capital Expenditures	<u>(\$ 44,500.56)</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>(\$ 44,500.56)</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 Nos.:

Fund 4011 Dept 721 Unit W001 Object 6541

Is Item Included in Current Budget? Yes No

Reporting Category N/A

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

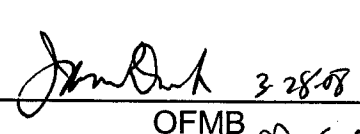
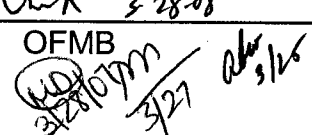
One-time capital expenditure from user fees and balance brought forward.

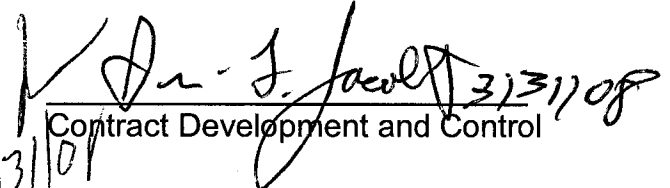
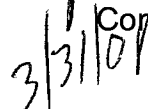
C. Department Fiscal Review:

Albera M West

III. REVIEW COMMENTS

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

 3/28/08
 OFMB


 3/31/08
 Contract Development and Control


B. Legal Sufficiency:

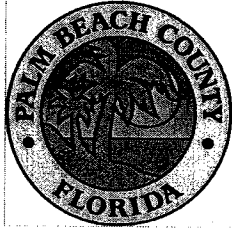
 4/1/08
 Assistant County Attorney

This item complies with current County policies.

C. Other Department Reviews:

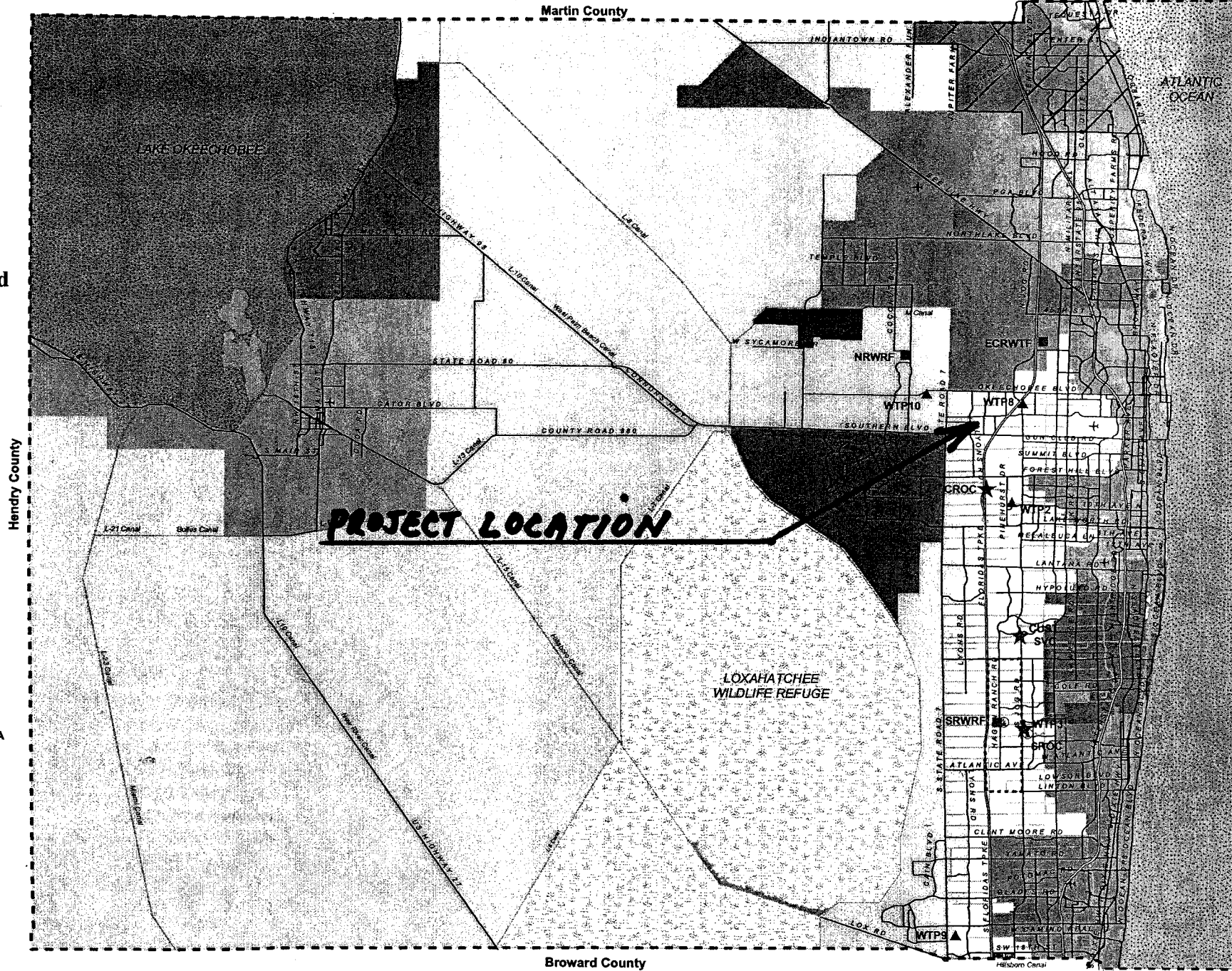
Department Director

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



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

Attachment 1



Legend

- P.B.C.W.U.D. SA
- MANDATORY RECLAIMED SA
- Palm Beach County Limits
- Administration
- Water Reclamation Facility
- Water Treatment Facility
- Wetlands



NOT TO SCALE

CHANGE ORDER

PROJECT: Water Treatment Plant No. 8 Expansion
WATER UTILITIES DEPT. PROJECT NO. WUD 05-146
DISTRICT NUMBER: 2
CHANGE ORDER NO.: 7

TO (Contractor):	DOCUMENT NO.	R2006-0780
RJ Sullivan Corp.	CONTRACT DATE:	May 2, 2006
2001 N.W. 22nd Street	NOTICE TO PROCEED:	October 2, 2006
Pompano Beach, Fl. 33069	BUDGET LINE ITEM:	4011-721-W001-6541

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

1. Provide two storage containers for operations staff to store equipment and materials (Work Directive #33)	\$9,422.00
2. Delete screen wall on south side of Sodium Hypochlorite Generation Building and install hurricane shutters over existing louvers in its place. (Work Directive #34)	(\$7,200.00)
3. Delete site work described in Schedule of Values Line Items 19E, 19H, 19J, 19K, 19N, 19O. (Work Directive #35)	(\$139,000.00)
4. Furnish & Install (F&I) electrical conduit & wiring to accommodate revised equipment layout for the Lime Silo Building. (Work Directive #36)	\$18,700.00
5. F&I 2-inch backflow preventer on potable water main to Lime Silo Building. (Work Directive #37)	\$1,286.00
6. F&I additional electrical conduit & wiring to accommodate revised location of the carbon dioxide solution feed panel. (Work Directive #38)	4,495.00
7. Furnish two 6-inch backflow preventers for the potable water mains into Softener #3. (Work Directive #40)	\$5,702.44
8. F&I electrical conduit & wiring for Filter control valves. (Work Directive #41)	\$30,372.00
9. F&I electrical conduit & wiring to Anionic Resin Exchange system control valves. (Work Directive #41)	\$15,827.00
10. F&I electrical conduit & wire for 18-inch Filter backwash control valve. (Work Directive #41)	\$6,738.00
11. F&I electrical revisions to Filter Building air condition units. (Work Directive #41)	\$9,065.00
12. Provide credit for electrical conduit & wire allowance specified in contract documents (Work Directive #41)	(\$38,578.00)
13. F&I pipe supports for lime slurry line to Softener #3 (Work Directive #42)	\$19,139.00
14. Furnish new volute for High Service Pump #1 (Work Directive #39)	\$19,531.00
Time extension to perform additional work not included in contract (59 days)	(0.00)
TOTAL	(\$44,500.56)

**Water Treatment Plant No. 8
Expansion
Project No. WUD 05-146
District Number: 2
Contract No. R2006-0780
Change Order No. 7**

The Original Contract Sum was.....	<u>\$18,620,000.00</u>
Net Change by previous Change Orders.....	<u>(\$783,826.61)</u>
The Contract Sum prior to this Change Order was.....	<u>\$17,836,173.39</u>
The Contract sum will be decreased by this Change Order...	<u>(\$44,500.56)</u>
The New Contract Sum with this Change Order will be.....	<u>\$17,791,672.83</u>
The Contract Time will be increased by 59 days.....	<u>59 Days</u>
The Date of Substantial Completion including this C.O.:...	<u>July 5, 2008</u>
The Date of Final Completion including this C.O.:.....	<u>October 3, 2008</u>

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


RJ Sullivan Corp.
CONTRACTOR

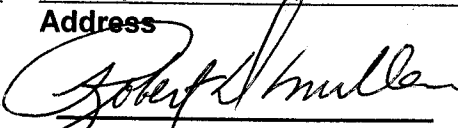
Palm Beach County Board of
County Commissioners
OWNER


P.O. Box 16097
W. Palm Beach, FL 33416
Address

2001 N.W. 22nd Street
Pompano Beach, FL 33069
Address

P.O. Box 16097
W. Palm Beach, FL 33416
Address


Signature
Vincent M. Riccobono, P.E.


Signature
Robert Mullen, Project Mgr.


Signature
Addie L. Greene, Chairperson

3-10-08

3/5/08

DATE
Approved As To Form and
Sufficiency:

DATE
Attest:
Clerk of Court

County Attorney

(Corporate Seal)

Deputy Clerk

Water Treatment Plant No. 8
Expansion
Project No. WUD 05-146
District Number: 2
Contract No. R2006-0780
Change Order No. 7

CHANGE ORDER CATEGORIZATION

OWNER INITIATED

QUANTITY OVERRUNS/UNDER-RUNS

DIFFERING SITE CONDITIONS

REQUEST BY ANOTHER AGENCY/OUTSIDE

ZONING/CODE/ORDINANCE CHANGES

ERRORS/OMISSIONS IN DESIGN

A. REIMBURSABLE

B. NON-REIMBURSABLE

**Water Treatment Plant No. 8
Expansion
Project No. WUD 05-146
District Number: 2
Contract No. R2006-0780
Change Order No. 7**

SCOPE OF WORK

- 7.1 Provide Two Storage Containers For Operating Staff to Store Equipment and Materials (Owner Initiated) – The storage containers are needed by plant operators for the storage of spare parts, materials and equipment associated with the expanded water treatment plant.
- 7.2 Delete Screen Wall on South Side of Sodium Hypochlorite Generation Building and Install Hurricane Shutters Over Existing Louvers in its Place (Owner Initiated). A credit is being taken to install shutters instead of a screen wall which would have been in conflict with existing plant process piping.
- 7.3 Delete Site Work Described in Schedule of Values Line Items 19E, 19H, 19J 19K, 19N, 19 (Owner Initiated) This work is being deleted and enhanced landscaping and site improvements will be performed by WUD landscape architect under an existing WUD annual contract.
- 7.4 F&I Electrical Conduit & Wiring to Accommodate Revised equipment Layout for Lime Silo Building (Errors/Omissions in Design) There was not sufficient space provided in the Lime Silo building to accommodate the lime slakers, equipment and electrical panels specified. Some of the panels and equipment had to be relocated outside the building.
- 7.5 F&I 2-Inch Backflow Preventer on Potable Water Main to Lime Silo Building (Errors/Omissions in Design). A backflow preventer required by the Building Code was not shown on the drawings.
- 7.6 F&I Additional Electrical Conduit and Wiring to Accommodate Revised Location of Carbon Dioxide Feed Panel (Owner Initiated). During the shop drawing phase of the project, the manufacturer of the carbon dioxide feed system recommended relocating the carbon dioxide injection point for better mixing and performance of the system.
- 7.7 Furnish Two Six Inch Backflow Preventers for the Potable Water main into Softener #3 (Errors/Omissions in Design) Backflow preventers required by the Building Code were not shown on the drawings.
- 7.8 F&I Electrical Conduit & Wiring (Errors/Omissions in Design) No conduit or wiring for the specified control valves was shown on the drawings.
- 7.9 to 7.11 F&I Electrical Revisions to Filter Building Air Conditioning Units (Errors/Omissions in Design) During shop drawing review the consultant directed the contractor to wire the air conditioning units to a different panel than that which was shown on the drawings.
- 7.12 Provide Credit for Electrical Conduit & Wire Allowance Specified in Contract Documents (Owner Initiated). The contract documents specify that the contractor include an allowance in the bid to account for unforeseen electrical conduit and wiring work.
- 7.13 F&I pipe supports for lime slurry line to Softener #3 (Errors/Omissions in Design). No pipe supports were shown on the drawings to support this elevated piping.
- 7.14 Furnish new volute for High Service Pump #1 (Owner Initiated). During change out of H.S. Pump #1 impeller it was discovered the pump volute was deteriorated and needs to be replaced.

Time extension to perform the additional work not included in contract (59 Days)

**Water Treatment Plant No. 8
Expansion
Project No. WUD 05-146
District Number: 2
Contract No. R2006-0780
Change Order No. 7**

COST SUMMARY

C.O.#	DESCRIPTION	ADDITIONS	(DELETIONS)	NET CHANGE
7.1	Provide Storage Containers	\$9,422.00	(\$0.00)	\$9,422.00
7.2	Delete Screen Wall	\$0.00	(\$7,200.00)	(\$7,200.00)
7.3	Delete Site Work	\$0.00	(\$139,000.00)	(\$139,000.00)
7.4	F&I Elect..Conduit to Accommodate Revised Equip. Layout in Lime Silo Building	\$18,700.00	(\$0.00)	\$18,700.00
7.5	F&I 2-inch Backflow Preventer	\$1,286.00	(0.00)	\$1,286.00
7.6	F&I Electrical Conduit & Wire for Revised Location of Carbon Dioxide Feed Panel	\$4,495.00	(0.00)	\$4,495.00
7.7	Furnish two 6-inch backflow preventers	\$5,702.44	(0.00)	\$5,702.44
7.8	F&I Electrical Conduit and Wiring for Filter Control Valves	\$30,372.00	(0.00)	\$30,372.00
7.9	F&I Electrical Conduit & Wire for Anionic System Control Valves	\$15,827.00	(0.00)	\$15,827.00
7.10	F&I Electrical Conduit & Wire for 18-inch Backwash Control Valve	\$6,738.00	(0.00)	\$6,738.00
7.11	F&I Electrical Revisions to Filter Bldg. A.C. Units	\$9,065.00	(0.00)	\$9,065.00
7.12	Provide Electrical Conduit & Wire Allowance	(0.00)	(\$38,578.00)	(\$38,578.00)
7.13	F&I Pipe Supports for Lime Slurry Line to Softener #3	\$19,139.00	(0.00)	\$19,139.00
7.14	F&I New Volute for High Service Pump #1	\$19,531.00	(0.00)	\$19,531.00
	Totals	\$140,277.44	(\$184,778.00)	(\$44,500.56)

CHANGE ORDER ADDITIONS/DELETIONS SUMMARY

PROJECT:	Water Treatment Plant No. 8 Expansion	<u>APPROVAL LIMITS:</u>						
CONTRACTOR:	RJ Sullivan Corp. 2001 N.W. 22nd St. Pompano Bch, Fl. 33069	DEPARTMENT HEAD		CONTRACT REVIEW COMMITTEE		DEPARTMENT HEAD PLUS CONTRACT REVIEW COMMITTEE		
PROJECT NO.:	WUD 05-146							
RESOLUTION NO.:	R2006-0780	(Amount)	(Days)	(Amount)	(Days)	(Amount)	(Days)	
DATE APPROVED:	May 2, 2006	INDIVIDUAL C.O.	\$50,000.00	25 Days	\$50,000.00	25 Days	\$100,000.00	N/A
CONTRACT AMOUNT:	\$18,620,000.00	CUMMULATIVE C.O.	\$100,000.00	50 Days	\$200,000.00	100 Days	\$200,000.00	N/A

C.O. #	DATE APPROVED	NET CHANGE	DEPARTMENT HEAD (ADDS PLUS DEDUCTS)		CONTRACT REVIEW COMMITTEE (ADDS PLUS DEDUCTS)		TOTAL DEPT. HEAD & CONTRACT REVIEW COMM. (ADDS PLUS DEDUCTS)		BOARD OF COUNTY COMMISSIONERS (ADDS PLUS DEDUCTS)		TOTALS
			AMOUNT	DAYS	AMOUNT	DAYS	AMOUNT	DAYS	AMOUNT	DAYS	
1	08/15/06	(\$1,712,386.46)	\$0.00	0	\$0.00	0	\$0.00	0	(\$1,712,386.46)	0	(\$1,712,386.46)
2	12/19/06	\$145,318.40	\$0.00	0	\$0.00	0	\$0.00	0	\$145,318.40	17	\$145,318.40
3	05/15/07	\$154,251.96	\$0.00	0	\$0.00	0	\$0.00	0	\$154,251.96	70	\$154,251.96
4	07/10/07	\$265,146.00	\$0.00	0	\$0.00	0	\$0.00	0	\$265,146.00	60	\$265,146.00
5	10/02/07	\$256,851.49	\$0.00	0	\$0.00	0	\$0.00	0	\$256,851.49	25	\$256,851.49
6	12/04/07	\$106,992.00	\$0.00	0	\$0.00	0	\$0.00	0	\$106,992.00	21	\$106,992.00
7	Pending	(\$44,500.56)	\$0.00	0	\$0.00	0	\$0.00	0	(\$44,500.56)	59	(\$44,500.56)
TOTAL		(\$828,327.17)	0	0	0	0	0	0	(\$828,327.17)	252	(\$828,327.17)

Notes:

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

SCHEDULE 1

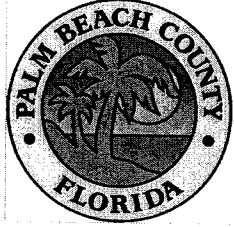
PARTICIPATION BY M/WBE SUBCONTRACTORS

PROJECT NAME: Water Treatment Plant No. 8 Expansion PROJECT NO.: WUD 05-146
 NAME OF PRIME CONTRACTOR: RJ Sullivan Corp. CHANGE ORDER NO. 7
 CONTACT PERSON: Mr. Robert D. Mullen PHONE NO: (954) 975-0388 FAX NO. (954) 975-3333
 CONTRACT DATE: May 2, 2006 DEPARTMENT: Water Utilities

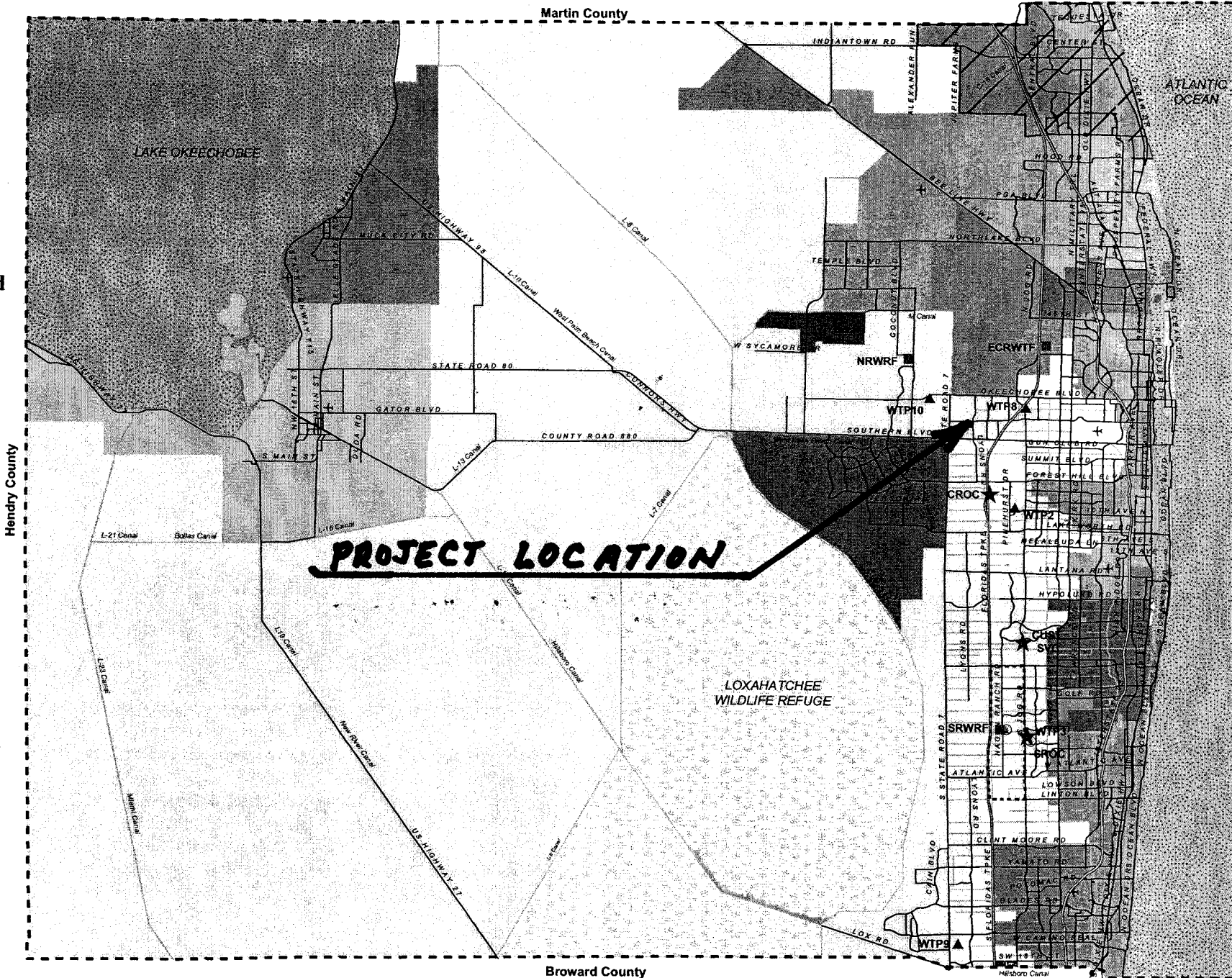
Name, Address and Phone Number of M/WBE	Type of Work To Be Performed	Subcontract Amount			
		Black	Hispanic	Women	Other (Please Specify)
1.		---	---	---	---
2.		---	---	---	---
3.		---	---	---	---
4.		---	---	---	---
5.		---	---	---	---
6.		---	---	---	---
7.		---	---	---	---
8.		---	---	---	---
9.		---	---	---	---
10.		---	---	---	---
Totals		\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

Original Contract Amount \$18,620,000.00 Original Participation \$4,677,619.00 Percent Participation 25.12%
 Adjusted Contract Amount \$17,791,672.83 Adjusted Participation \$4,677,619.00 Adjusted Percent Participation 26.29%

M/WBE



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



PROJECT LOCATION

- Legend**
- ▨ P.B.C.W.U.D. SA
 - MANDATORY RECLAIMED SA
 - - - - - Palm Beach County Limits
 - ★ Administration
 - Water Reclamation Facility
 - ▲ Water Treatment Facility
 - ⊙ Wetlands



NOT TO SCALE

**PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT**

WORK DIRECTIVE

To: R.J. Sullivan Corp.
2001 N.W. 22nd Street
Pompano Beach, FL 33069

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 33

In accordance with your proposal dated December 6, 2007 (PCO #49A copy attached) you are authorized to perform the following scope of work:

Provide the two storage containers currently on site at WTP 8 (#40-473B and S/N5410831).


Lump Sum Fee: \$9,422.00

Time Allowed: 0 Calendar Days

Note: This Work Directive will be incorporated into a Change Order that will be submitted to the Contract Review Committee or the Board of County Commissioners for approval.

Authorized by: (Name) Vincent Riccobono, P.E.

(Title) Interim Director of Engineering

(Signature) 

(Date) 12-7-07

rj Sullivan
CORP.

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333

December 6, 2007

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Storage Containers

PCO #49A

Dear Mr. Riccobono,

As an option to our previous proposal to furnish three new storage containers, we offer to provide two used containers. These two storage containers are the ones that we are currently using on site for storage. They are rental units that we intend to return soon. We have built shelves in one unit that may be beneficial to PBC.

Storage Container - #40-473B	\$2,900
Storage Container - S/N 5410831	4,100
Sales Tax	455
Relocate On site	500
Subtotal	\$7,955
Mark-Up	1,193
Additional Bond & Insurance	274
Total	\$9,422

For the third container, you may select one of the previously quoted new containers at a price of \$10,733. Or, we can procure a price for another used one. The containers are available for your inspection during normal working hours. If you have an interest in this option, please let me know as soon as possible. Otherwise, we will be returning these units to the supplier in a few weeks.

Sincerely,



Robert D. Mullen
Project Manager

Cc: Proposed Change Order File

**PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT**

WORK DIRECTIVE

To: R.J. Sullivan Corp.
2001 N.W. 22nd Street
Pompano Beach, FL 33069

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 34

In accordance with your proposal dated November 30, 2007 (PCO #51, copy attached) you are authorized to perform the following scope of work:

Delete concrete block screen wall on the south side of the Sodium Hypochlorite Building shown on Sheet S-3 of the Phase II Hurricane Hardening drawings and provide two accordion storm shutters over the existing louvers.

Lump Sum Fee: \$(7,200.00) credit
Time Allowed: 0 Calendar Days

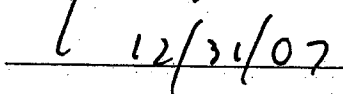
Note: This Work Directive will be incorporated into a Change Order that will be submitted to the Contract Review Committee or the Board of County Commissioners for approval.

Authorized by: (Name) Maurice Tobon, P.E.
(Title) Director of Engineering

(Signature)

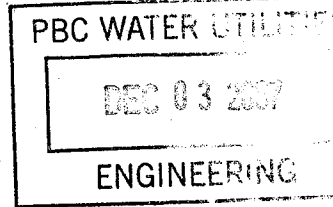


(Date)



rs Sullivan
CORP.

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333



November 30, 2007

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Shutters @ Sodium Hypo Bldg.

PCO #51

Dear Mr. Riccobono,

Pursuant to your recent request, we offer to furnish and install two accordion storm shutters on the south side of the Sodium Hypochlorite Building. These shutters will be installed over the existing louvers in lieu of constructing the 8" CMU Screen Wall shown on Sheet S-3 of the Phase II Hurricane Hardening project. For this change, we offer the lump sum credit of \$7,200.

If you wish for us to make this change, please issue your letter of acceptance and authorization for us to proceed.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert D. Mullen".

Robert D. Mullen
Project Manager

cc: Proposed Change Order File – Job 305

**PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT**

WORK DIRECTIVE

To: R.J. Sullivan Corp.
2001 N.W. 22nd Street
Pompano Beach, FL 33069

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 35

You are authorized to perform the following scope of work:

Delete the work associated with the following Item Numbers on the Schedule of Values:

- 19.E - Asphalt paving
- 19.H - Site Grading
- 19.J - Fill at perimeter berm
- 19.K - Shellrock road
- 19.N - Restoration
- 19.O - Slab at storage sheds

Lump Sum Fee: (\$139,000.00) credit
Time Allowed: 0 Calendar Days

Note: This Work Directive will be incorporated into a Change Order that will be submitted to the Contract Review Committee or the Board of County Commissioners for approval.

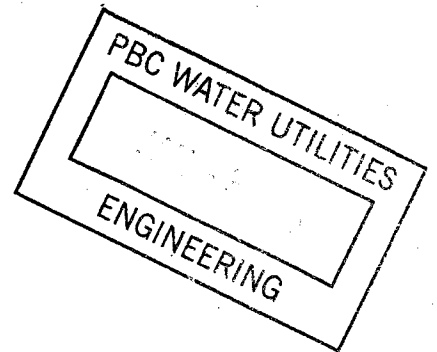
Authorized by: (Name) Maurice Tobon, P.E.
(Title) Director of Engineering

(Signature) 

(Date) 1/2/08

rs Sullivan
CORP.

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333



December 31, 2007

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Delete Paving & Sitework

PCO #53

Dear Mr. Riccobono,

Pursuant to your recent request, we offer to delete the following sitework from our Contract.

- Asphalt Paving
- Shell Rock Road
- Site Grading, Seeding, Sodding
- Silt Fence
- Perimeter Berm

Also deleted "Restoration" & "Storage Shed Slab" = \$39,000
For deleting the above items of work, we offer a lump sum credit of ~~\$100,000.~~ *\$139,000* *NR*

Please advise as soon as possible if you intend to accept this proposal. We will be ready to begin this work soon if you decide to leave it in our Contract.

Sincerely,

Handwritten signature of Robert D. Mullen in cursive.

Robert D. Mullen
Project Manager

cc: Chris Sullivan, RJS
Proposed Change Order File - Job 305



**Water Utilities Department
Engineering**
P.O. Box 16097
West Palm Beach, FL 33416-6097
(561) 493-6000
Fax: (561) 493-6113
www.pbcwater.com



**Palm Beach County
Board of County
Commissioners**
Addie L. Greene, Chairperson
Jeff Koons, Vice Chair
Karen T. Marcus
Robert J. Kanjian
Mary McCarty
Burt Aaronson
Jess R. Santamaria

County Administrator
Robert Weisman

*"An Equal Opportunity
Affirmative Action Employer"*



February 8, 2008

Robert Mullen
R. J. Sullivan Corp.
2001 N. W. 22nd Street
Pompano Beach, FL 33069

Re: WTP No. 8 Expansion
Project No. WUD 05-146
Work Directive No. 36

Dear Mr. Mullen:

Attached is Work Directive No. 36 for the above referenced project.

Sincerely,

A handwritten signature in cursive script, appearing to read "Vincent Riccobono".

Vincent Riccobono, P. E.
Construction Services Manager

cc: Maurice Tobon, P. E.
Bill Lapinsky
File 05-146

**PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT**

WORK DIRECTIVE

To: R.J. Sullivan Corp.
2001 N.W. 22nd Street
Pompano Beach, FL 33069

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 36

In accordance with your letter and proposal dated October 5, 2007
(PCO #46, copy attached), you are authorized to perform the following scope of work:

Furnish and install all labor, equipment and materials to make electrical modifications to the Lime Silo building to accommodate the revised equipment layout, as the equipment specified would not fit in the space provided on the design drawings.

Lump Sum Fee: \$18,700.00

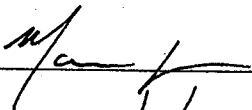
Time Allowed: 0 Calendar Days

Note: This Work Directive will be incorporated into a Change Order that will be submitted to the Contract Review Committee or the Board of County Commissioners for approval.

Authorized by: (Name) Maurice Tobon, P.E.

(Title) Director of Engineering

(Signature)

 _____

(Date)

2/8/08

rj Sullivan CORP.

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333

WD # 36

October 5, 2007

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Extra Electrical Work @ Lime Silo

PCO #46

Dear Mr. Riccobono,

Our electrical subcontractor advises us that the electrical requirements for the approved lime slaker layout have added work to the original scope. Therefore, in order to make the necessary changes, we will require a change order. Our quotation for the extra work is as follows.

Subcontractor Quotation	\$17,208.00
5% Mark-Up	860.00
<u>Additional Bond & Insurance</u>	<u>632.00</u>
Total	\$18,700.00

A copy of our subcontractor's proposal is enclosed for your reference. Please include this in the next change order.

Sincerely,



Robert D. Mullen
Project Manager

cc: Proposed Change Order File – Job 305



PROPOSAL FOR ELECTRICAL WORK

Edwards Electric Corp.

INDUSTRIAL ELECTRICAL CONTRACTING
7231 SOUTHERN BOULEVARD - C-2
WEST PALM BEACH, FLORIDA 33413
561 - 553-7000 • 561 - 583-8115 FAX
EC 0001100

To MR. BOB MULLEN
R.J. SULLIVAN CORP.
2001 N.W. 22ND STREET
POMPANO BEACH, FL. 33069

Proposal No. 844-CO#8
Date 10/5/2007

We hereby propose to furnish labor and material necessary to provide the Electrical Installation for the PBCO WTP SYSTEM & EXPANSION located at PALM BEACH COUNTY, FL.
in accordance with the following, expressly subject to the standard conditions stated on the reverse side of this proposal.

DESCRIPTION: LABOR AND MATERIAL COSTS FOR THE ADDITIONAL CONDUIT, WIRE AND TERMINATIONS REQUIRED BY THE SEPERATION OF THE LIMO SILO SLAKER PANELS DUE TO THE LACK OF NECESSARY SPACE.

REVISED WORK FOR CHANGES	\$29,406.71
DEDUCT FOR ORIGINAL CONTRACT WORK	\$12,198.60
TOTAL COST OF CHANGE	\$17,208.11

WE RESERVE OUR RIGHTS TO REQUEST A TIME EXTENSION WHEN THE FULL EXTENT AND IMPACT OF THIS CHANGE ORDER IS KNOWN
This proposal is based on the foregoing activity proceeding on a non-concurrent basis with all other activities.

This proposal may be withdrawn if not accepted within thirty days after this date. Any changes in the jobsite conditions may void this proposal. It is anticipated this proposal will require 12 additional working days to complete.

Accepted _____
By _____
Date _____

Edwards Electric Corp.
By [Signature]



Edwards Electric Corp.

INDUSTRIAL ELECTRICAL CONTRACTORS

Job Name: System 8 Lime Silo Delta
Job Number: System 8 Lime Silo Delta
Job Path: C:\Program Files\Accubid Data\JOBDATA
Job Category:
Bid Due Date: 10/2/2007 3:37:47 PM
Estimator: Steve Burcher
Telephone: 407-322-0424
Fax: 407-322-0424
Email: burcherst@hughes.net

Job address:

Client address:

** PROJECT NOTES **

DATE: 10/3/2007

JOB NAME: System 8 Lime Silo Delta
JOB #: System 8 Lime Silo Delta
JOB TYPE:

JOB PATH: C:\Program Files\Accubid Data\JOBDATA
DATABASE NAME: ACCUBID ELEC USA NECA IMP DB
ESTIMATOR: Steve Burcher

DATABASE : FLORIDA TARGET PRICED SEPTEMBER 2006

LABOR is BASED on AccuBid COLUMN # 2

	Bid Item Description	Total Material	Total Labor \$	Overhead	Markup	Total
1	PER CONTRACT	2,849.83	2,348.77			12,198.60
2	REVISED PER EQUIPMENT	6,951.18	22,485.85			29,408.71

JOB NAME - System 8 Lime Silo Delta

JOB # - System 8 Lime Silo Delta

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	Labor Type	Crew	Hours	Rate \$	SubTotal	Brdn %	Brdn Tot.	Total	Full Rate
1	FOREMAN	1.00	95.22	65.00	5,237.10	67.000	3,508.86	8,745.96	91.85
2	JOURNEYMAN	2.00	190.45	50.00	9,522.50	67.000	6,380.08	15,902.58	83.50
3	APPRENTICE	1.00	95.22	45.00	4,284.90	67.000	2,870.88	7,155.78	75.15
Totals		4.00	380.89	50.00	19,044.50	67.000	12,759.82	31,804.32	83.50

JOB NAME - System 8 Lime Silo Delta

JOB # - System 8 Lime Silo Delta

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2

Bid Item	Material(\$)	Mat(%)	Labor Hrs	Lab(%)
1 PER CONTRACT				
2 REVISED PER EQUIPMENT	2,849.82	29.08	112.00	29.40
Total	6,951.13	70.82	268.98	70.60
	8,800.95	100.00	380.98	100.00

PER CONTRACT

Description	Qty U	Net Price	Labor U	Total Mat(\$)	Total Hours
1 3/4" INSUL STL GRD BUSHING	14 C	434.20	11.25 C	50.79	1.58
2 1" INSUL STL GRD BUSHING	4 C	482.33	12.50 C	19.28	0.50
3 2" INSUL STL GRD BUSHING	4 C	973.29	22.50 C	38.93	0.90
4 3/4" GRC 316 S.S. STRUT CLAMP	14 C	288.10	6.38 C	41.73	0.89
5 1" GRC 316 S.S. STRUT CLAMP	4 C	313.50	7.00 C	12.54	0.28
6 2" GRC 316 S.S. STRUT CLAMP	4 C	508.20	10.75 C	20.33	0.43
7 3/4" GRC CUT & THREAD	28 C	0.00	37.50 C	0.00	10.50
8 1" GRC CUT & THREAD	8 C	0.00	42.50 C	0.00	3.40
9 2" GRC CUT & THREAD	8 C	0.00	67.50 C	0.00	5.40
10 3/4" PVC CTD GRC	105 C	324.34	7.50 C	340.85	7.88
11 1" PVC CTD GRC	30 C	419.89	8.50 C	125.97	2.55
12 2" PVC CTD GRC	30 C	843.03	16.25 C	252.91	4.88
13 3/4" PVC CTD KO HUB CONN	14 C	2,296.80	37.50 C	321.55	5.25
14 1" PVC CTD KO HUB CONN	4 C	2,871.00	43.75 C	114.84	1.75
15 2" PVC CTD KO HUB CONN	4 C	5,825.60	56.25 C	233.02	2.25
16 3/4" PVC CTD GRC CPLG	14 C	267.62	0.00 C	37.47	0.00
17 1" PVC CTD GRC CPLG	4 C	347.38	0.00 C	13.89	0.00
18 2" PVC CTD GRC CPLG	4 C	704.37	0.00 C	28.17	0.00
19 3/4" PVC CTD 90 DEG ELBOW	14 C	946.87	57.50 C	132.56	8.08
20 1" PVC CTD 90 DEG ELBOW	4 C	1,085.82	65.00 C	43.44	2.60
21 2" PVC CTD 90 DEG ELBOW	4 C	2,288.73	120.00 C	91.55	4.80
22 3/4" PVC	80 C	22.75	4.50 C	18.20	3.60
23 1" PVC	25 C	33.96	5.63 C	6.49	1.41
24 2" PVC	22 C	72.58	10.13 C	15.98	2.23
25 3/4" PVC FEM ADAPTER	14 C	18.03	12.50 C	2.52	1.75
26 2" PVC FEM ADAPTER	4 C	49.19	22.50 C	1.97	0.80
27 3/4" PVC COUPLING	14 C	8.24	0.00 C	1.29	0.00
28 1" PVC COUPLING	4 C	14.23	0.00 C	0.57	0.00
29 2" PVC COUPLING	4 C	34.47	0.00 C	1.38	0.00
30 3/4" PVC FIELD BEND - W/ CUT & REAM	14 C	0.00	55.00 C	0.00	7.70
31 1" PVC FIELD BEND - W/ CUT & REAM	4 C	0.00	62.50 C	0.00	2.50
32 2" PVC FIELD BEND - W/ CUT & REAM	4 C	0.00	110.00 C	0.00	4.40
33 3/4" LT FLEX	21 C	36.98	6.19 C	7.76	1.30
34 3/4" LT STRAIGHT CONN	7 C	189.50	21.25 C	13.97	1.49
35 3/4" LT 90 DEG CONN	7 C	322.58	21.25 C	22.58	1.49
36 #14 XHHW BLACK	240 M	189.28	5.38 M	45.43	1.29
37 #12 XHHW BLACK	477 M	269.84	6.44 M	126.71	3.07
38 18/2C SHLD PVC in CONDUIT	158 E	0.99	17.50 M	156.42	2.77
39 15-14 NYLON INSUL FORK RB14-BF	104 C	54.90	4.38 C	57.10	4.56
40 HEAT SHRINK WIRE MARKER, SMALL	104 C	71.50	3.50 C	74.38	3.64
41 POLYTWINE	127 M	11.85	3.75 M	1.50	0.48
42 1 5/8" E/S CHANNEL	11 C	2,931.40	17.50 C	322.45	1.83
43 1/4-20x 2 1/4 WEDGE ANCHOR - 1 1/8 MIN DEPTH	16 C	247.57	10.00 C	39.81	1.60
Totals				2,849.83	111.86

REVISED PER EQUIPMENT

Description	Qty U	Net Price	Labor U	Total Mat(\$)	Total Hours
1 1" GRC COUPLING	2 C	185.10	0.00 C	3.70	0.00
2 3/4" INSUL STL GRD BUSHING	22 C	434.20	11.25 C	95.82	2.48
3 1" INSUL STL GRD BUSHING	18 C	482.33	12.50 C	86.82	2.25

JOB NAME - System & Lime Silo Delta

JOB # - System & Lime Silo Delta

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	Description	Qty	U	Net Price	Labor	U	Total Mat(\$)	Total Hours
4	1 1/4" INSUL STL GRD BUSHING	8	C	688.61	15.00	C		
5	1 1/2" INSUL STL GRD BUSHING	4	C	729.94	18.75	C	53.49	1.20
6	3/4" GRC 316 S.S. STRUT CLAMP	24	C	298.10	6.38	C	29.20	0.75
7	1" GRC 316 S.S. STRUT CLAMP	18	C	318.50	7.00	C	71.54	1.53
8	1 1/4" GRC 316 S.S. STRUT CLAMP	8	C	348.50	8.25	C	56.43	1.28
9	1 1/2" GRC 316 S.S. STRUT CLAMP	4	C	428.80	9.25	C	27.72	0.58
10	3/4" GRC CUT & THREAD	44	C	0.00	37.50	C	17.07	0.37
11	1" GRC CUT & THREAD	38	C	0.00	42.50	C	0.00	16.50
12	1 1/4" GRC CUT & THREAD	18	C	0.00	48.75	C	0.00	15.30
13	1 1/2" GRC CUT & THREAD	8	C	0.00	57.50	C	0.00	7.80
14	3/4" PVC CTD GRC	165	C	324.34	7.50	C	0.00	4.60
15	1" PVC CTD GRC	135	C	419.89	8.50	C	535.16	12.38
16	1 1/4" PVC CTD GRC	60	C	469.33	9.88	C	568.65	11.48
17	1 1/2" PVC CTD GRC	30	C	558.61	13.25	C	275.60	5.93
18	3/4" PVC CTD KO HUB CONN	22	C	2,296.80	37.50	C	187.58	3.96
19	1" PVC CTD KO HUB CONN	18	C	2,871.00	43.75	C	505.30	8.25
20	1 1/4" PVC CTD KO HUB CONN	8	C	3,539.80	50.00	C	516.78	7.88
21	1 1/2" PVC CTD KO HUB CONN	4	C	3,773.00	50.00	C	283.18	4.00
22	3/4" PVC CTD GRC CPLG	28	C	287.62	0.00	C	150.92	2.00
23	1" PVC CTD GRC CPLG	18	C	347.35	0.00	C	89.58	0.00
24	1 1/4" PVC CTD GRC CPLG	8	C	404.59	0.00	C	62.52	0.00
25	1 1/2" PVC CTD GRC CPLG	4	C	481.60	0.00	C	32.37	0.00
26	3/4" PVC CTD 90 DEG ELBOW	22	C	946.87	57.50	C	19.26	0.00
27	1" PVC CTD 90 DEG ELBOW	18	C	1,085.92	65.00	C	208.61	12.65
28	1 1/4" PVC CTD 90 DEG ELBOW	8	C	1,334.09	75.00	C	195.47	11.70
29	1 1/2" PVC CTD 90 DEG ELBOW	4	C	1,508.16	100.00	C	106.73	6.00
30	3/4" PVC	145	C	22.75	4.50	C	64.33	4.00
31	1" PVC	78	C	83.95	5.63	C	32.99	6.53
32	1 1/4" PVC	32	C	43.65	6.50	C	26.83	4.45
33	1 1/2" PVC	20	C	49.23	8.60	C	13.97	2.08
34	3/4" PVC FEM ADAPTER	22	C	18.03	12.50	C	0.85	1.70
35	1 1/4" PVC FEM ADAPTER	8	C	33.97	17.50	C	3.97	2.75
36	1 1/2" PVC FEM ADAPTER	4	C	38.12	20.00	C	2.72	1.40
37	3/4" PVC COUPLING	22	C	9.24	0.00	C	1.44	0.80
38	1" PVC COUPLING	18	C	14.23	0.00	C	2.03	0.08
39	1 1/4" PVC COUPLING	8	C	18.88	0.00	C	2.58	0.00
40	1 1/2" PVC COUPLING	4	C	25.49	0.00	C	1.52	0.00
41	3/4" PVC FIELD BEND - W/ CUT & REAM	22	C	0.00	55.00	C	1.06	0.00
42	1" PVC FIELD BEND - W/ CUT & REAM	26	C	0.00	62.50	C	0.00	12.10
43	1 1/2" PVC FIELD BEND - W/ CUT & REAM	4	C	0.00	96.25	C	0.00	16.25
44	3/4" LT FLEX	54	C	36.96	6.19	C	0.00	3.85
45	1" LT FLEX	8	C	66.07	7.38	C	19.96	3.34
46	1 1/4" LT FLEX	6	C	88.39	11.13	C	3.96	0.44
47	3/4" LT STRAIGHT CONN	18	C	199.50	21.25	C	5.18	0.87
48	1" LT STRAIGHT CONN	2	C	359.46	21.25	C	35.91	3.83
49	1 1/4" LT STRAIGHT CONN	2	C	516.98	25.00	C	7.39	0.42
50	3/4" LT 90 DEG CONN	18	C	322.58	21.25	C	10.34	0.50
51	1" LT 90 DEG CONN	2	C	602.71	21.25	C	58.06	3.63
52	1 1/4" LT 90 DEG CONN	2	C	905.12	25.00	C	12.05	0.42
53	#14 XHHW BLACK	751	M	189.28		M	18.10	0.50
54	#12 XHHW BLACK	1,298	M	289.84		M	142.15	4.06
55	#8 XHHW BLACK	18	M	582.19		M	350.25	8.36
56	#6 XHHW BLACK	54	M	941.67		M	10.48	0.18
57	15/20 SHLD PVC IN CONDUIT	208	E	0.99	17.50	M	50.85	0.60
58	16-14 NYLON INSUL FORK RB14-8F	274	C	54.90	4.38	C	205.82	3.64
							150.43	12.00

JOB NAME - System 8 Lime Silo Delta

JOB # - System 8 Lime Silo Delta

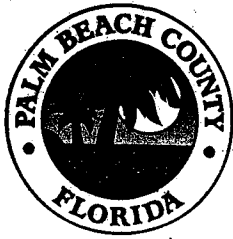
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	Description	Qty U	Net Price	Labor U	Total Mat(\$)	Total Hours
59	HEAT SHRINK WIRE MARKER, SMALL	274 C	71.50	3.50 C	195.91	9.59
60	POLYTWINE	276 M	11.85	3.75 M	3.27	1.03
61	6x6x4" LIFT-OFF CVR BOX NEMA 4	4 E	63.69	0.53 E	254.76	2.52
62	1 5/8" S/S CHANNEL	26 C	2,931.40	17.50 C	820.79	4.90
63	1/4-20x 2 1/4 WEDGE ANCHOR - 1 1/8 MIN DEPTH	104 C	247.57	10.00 C	257.47	10.40
64	3/8-16x 3 1/2 WEDGE ANCHOR - 1 1/2 MIN DEPTH	6 C	625.56	15.00 C	37.53	0.90
	Totals				6,951.16	258.92

JOB NAME - System 8 Lime Silo Delta

JOB # - System 8 Lime Silo Delta

10/3/2007 1:34:07 PM



**Water Utilities Department
Engineering**

P.O. Box 16097

West Palm Beach, FL 33416-6097

(561) 493-6000

Fax: (561) 493-6113

www.pbcwater.com



**Palm Beach County
Board of County
Commissioners**

Addie L. Greene, Chairperson

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Robert J. Kanjian

Mary McCarty

Burt Aaronson

Jess R. Santamaria

County Administrator

Robert Weisman

*"An Equal Opportunity
Affirmative Action Employer"*

printed on recycled paper

February 8, 2008

Robert Mullen
R. J. Sullivan Corp.
2001 N. W. 22nd Street
Pompano Beach, FL 33069

Re: WTP No. 8 Expansion
Project No. WUD 05-146
Work Directive No. 37

Dear Mr. Mullen:

Attached is Work Directive No. 37 for the above referenced project.

Sincerely,

A handwritten signature in cursive script, appearing to read "Vincent Riccobono".

Vincent Riccobono, P. E.
Construction Services Manager

cc: Maurice Tobon, P. E.
Bill Lapinsky
File 05-146

**PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT**

WORK DIRECTIVE

To: R.J. Sullivan Corp.
2001 N.W. 22nd Street
Pompano Beach, FL 33069

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 37

In accordance with your letter and proposal dated November 8, 2007 (PCO #48, copy attached), you are authorized to perform the following scope of work:

Furnish and install all labor, equipment and materials to provide a 2-inch backflow preventer on the potable water line to the proposed Lime Silo. The original design drawings did not call for a backflow preventer, however one is required by Code.

Lump Sum Fee: \$1,286.00

Time Allowed: 0 Calendar Days

Note: This Work Directive will be incorporated into a Change Order that will be submitted to the Contract Review Committee or the Board of County Commissioners for approval.

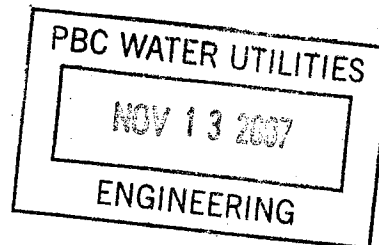
Authorized by: (Name) Maurice Tobon, P.E.
(Title) Director of Engineering

(Signature) Maurice Tobon
(Date) 2/8/08

rs Sullivan
CORP.

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333

WD # 37



November 8, 2007

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Backflow Preventer @ Lime Silo

PCO #48

Dear Mr. Riccobono,

In accordance with your response to RFI #87, we offer the following proposal to install a 2" backflow preventer on the water supply line to the new lime silo. Our quotation for this extra work is as follows.

Two-Inch Backflow Preventer	400
Misc. Piping Material	200
Labor (8MH @ 40.00)	320
<u>RJS Supervision</u>	<u>160</u>
Subtotal	1,080
Mark-Up	162
<u>Additional Bond & Insurance</u>	<u>44</u>
Total	\$1,286

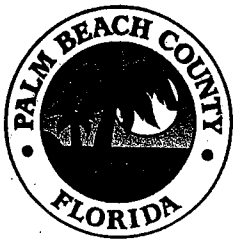
If you would like for us to perform this extra work, please provide written acceptance of this proposal and authorization for us to proceed.

Sincerely,

A handwritten signature in cursive script, appearing to read "Robert D. Mullen".

Robert D. Mullen
Project Manager

Cc: Proposed Change Order File Job 305



**Water Utilities Department
Engineering**

P.O. Box 16097

West Palm Beach, FL 33416-6097

(561) 493-6000

Fax: (561) 493-6113

www.pbcwater.com



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February 8, 2008

Robert Mullen
R. J. Sullivan Corp.
2001 N. W. 22nd Street
Pompano Beach, FL 33069

Re: WTP No. 8 Expansion
Project No. WUD 05-146
Work Directive No. 38

Dear Mr. Mullen:

Attached is Work Directive No. 38 for the above referenced project.

Sincerely,

A handwritten signature in black ink, appearing to read "Vincent Riccobono".

Vincent Riccobono, P. E.
Construction Services Manager

cc: Maurice Tobon, P. E.
Bill Lapinsky
File 05-146

**PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT**

WORK DIRECTIVE

To: R.J. Sullivan Corp.
2001 N.W. 22nd Street
Pompano Beach, FL 33069

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 38

In accordance with your letter and proposal dated November 12, 2007
(PCO #50, copy attached), you are authorized to perform the following scope of work:

Furnish and install all labor, equipment and materials to additional conduit and wire for
the revised location of the CO2 solution Feed Panel as directed in RFI #93 (copy
attached).

Lump Sum Fee: \$4,495.00

Time Allowed: 7 Calendar Days

Note: This Work Directive will be incorporated into a Change Order that will be
submitted to the Contract Review Committee or the Board of County Commissioners for
approval.

Authorized by: (Name) Maurice Tobon, P.E.

(Title) Director of Engineering

(Signature) _____

(Date) _____

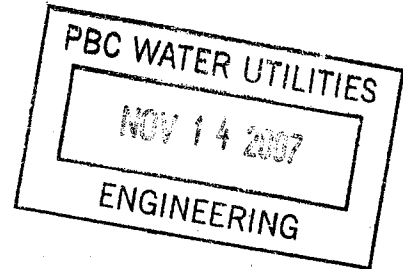
M/Tobon

2/8/08

rj Sullivan
CORP.

UD #38

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333



November 12, 2007

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Electrical for New CO2 Solution Feed Panel

PCO #50

Dear Mr. Riccobono,

Pursuant to your response to RFI #93, our electrical subcontractor advises us that he has extra cost to add the electrical conduit and wire for the new CO2 Solution Feed Panel. Our quotation for the extra work is as follows.

Subcontractor Quotation	\$3,976
RJS Supervision	160
5% Mark-Up	207
Additional Bond & Insurance	152
<u>Total</u>	<u>\$4,495</u>

In addition to the above extra cost, we will also require a change order to make the necessary piping changes described in the RFI response. Due to the uncertainty of existing underground piping in this area, we would prefer to perform the piping work on a time and Material basis. We will also require a time extension of 7 calendar days to perform this extra work. A copy of our subcontractor's proposal is enclosed for your reference.

If you wish for us to perform this extra work, please issue your letter of acceptance and authorization for us to proceed.

Sincerely,

A handwritten signature in cursive script that reads "Robert D. Mullen".

Robert D. Mullen
Project Manager

cc: Proposed Change Order File – Job 305



PROPOSAL FOR ELECTRICAL WORK

Edwards Electric Corp.

INDUSTRIAL ELECTRICAL CONTRACTING
7231 SOUTHERN BOULEVARD - C-2
WEST PALM BEACH, FLORIDA 33413
561 - 683-7066 • 561 - 683-8115 FAX
EC 0001100

To MR. BOB MULLEN
R.J. SULLIVAN CORP.
2001 N.W. 22ND STREET
POMPANO BEACH, FL.33069

Proposal No. 844-CO#10
Date 11/12/2007

We hereby propose to furnish labor and material necessary to provide the Electrical Installation for the
PBCO WTP SYSTEM 8 EXPANSION located at PALM BEACH COUNTY, FL.
in accordance with the following, expressly subject to the standard conditions stated on the reverse side of this proposal.

DESCRIPTION: LABOR AND MATERIAL COSTS TO PROVIDE CONDUIT, WIRE AND TERMINATIONS TO THE SOLUTION FEED PANEL.

Table with columns for item description, quantity, unit, rate, and total cost. Includes categories like MATERIAL, SALES TAX, LABOR, and SUB-TOTAL.

TOTAL WE RESERVE OUR RIGHTS TO REQUEST A TIME EXTENSION WHEN THE FULL EXTENT AND IMPACT OF THIS CHANGE ORDER IS KNOWN

This proposal is based on the foregoing activity proceeding on a non-concurrent basis with all other activities.

This proposal may be withdrawn if not accepted within thirty days after this date. Any changes in the jobsite conditions may void this proposal. It is anticipated this proposal will require 3 additional working days to complete.

Accepted
By
Date

Edwards Electric Corp.
By [Signature]

Request for Information**PALM BEACH COUNTY
WATER TREATMENT PLANT No. 8 EXPANSION
WUD Project No. 05-146**

To:
Vince Riccobono
Palm Beach County W.U.D.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

From:
Bob Mullen
R. J. Sullivan Corp.
2001 NW 22nd Street
Pompano Beach, FL 33069

RFI No. 93

Date Submitted: Nov. 7, 2007

Date Required: Nov. 10, 2007

Drawing No: CD-5

Specification Section: 11346

Subject: Water Supply for New CO2 Solution Feed panel

Information Required

Drawing CD-5 shows us running a new 1" CO2 line from the existing CO@ tank to the injection point at the new Filters. However, as recommended by Tomco, the injection point was relocated to the Softener effluent. No location was shown for the new solution panel, but we had previously discussed mounting it near the existing CO2 panel at the Ozone Contact Basin. No water supply is shown for the new CO@ solution Feed Panel. The existing system is gas, no water. How should we proceed?

RESPONSE: (11/09/07)

See Comments from Review submittal dated 9/21/06.
(attached to e-mail)

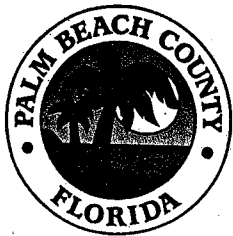
Additional wire is required for PH probe/indicator

Panel will require a 2 inch PVC potable water feed.

Additional wire is needed to lighting panel in electrical room for new transfer pumps as noted

Route solution feed to 36 inch softener 3 effluent pipe.

As discussed with Chris Sullivan locate panel next to electrical room for new transfer pumps,
route solution feed to softener 3.



**Water Utilities Department
Engineering**

P.O. Box 16097

West Palm Beach, FL 33416-6097

(561) 493-6000

Fax: (561) 493-6113

www.pbcwater.com



**Palm Beach County
Board of County
Commissioners**

Addie L. Greene, Chairperson

Jeff Koons, Vice Chair

Karen T. Marcus

Robert J. Kanjian

Mary McCarty

Burt Aaronson

Jess R. Santamaria

County Administrator

Robert Weisman

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February 28, 2008

Robert Mullen
R. J. Sullivan Corp.
2001 N. W. 22nd Street
Pompano Beach, FL 33069

Re: WTP No. 8 Expansion
Project No. WUD 05-146
Work Directive No. 40 (Revised 2/28/08)

Dear Mr. Mullen:

Attached is Work Directive No. 40 for the above referenced project.

Sincerely,

A handwritten signature in cursive script, appearing to read "Vincent Riccobono".

Vincent Riccobono, P. E.
Construction Services Manager

cc: Maurice Tobon, P. E.
Bill Lapinsky
File 05-146

**PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT**

WORK DIRECTIVE

To: R.J. Sullivan Corp.
2001 N.W. 22nd Street
Pompano Beach, FL 33069

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 40 (Revised 2/28/2008)

Furnish two 6-inch reduced pressure backflow preventers and two pieces of 6-inch Flg. X P.E. pipe for the potable water main at Softener #3. The drawings did not show backflow preventers which are required by Code. Installation will be by County forces.

Lump Sum Fee: \$5,702.44


Time Allowed: 0 Calendar Days

Note: This Work Directive will be incorporated into a Change Order that will be submitted to the Contract Review Committee or the Board of County Commissioners for approval.

Authorized by: (Name) Maurice Tobon, P.E.

(Title) Director of Engineering

(Signature)



(Date)

2/28/08

rj Sullivan
CORP.

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333

February 28, 2008

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Backflow Preventers for Lime Softener #3

PCO #64


Dear Mr. Riccobono,

In accordance with the County's instructions, we have supplied two (2) 6-inch backflow preventers and associated piping for the County's use at Lime Softener #3. R. J. Sullivan Corp. is supplying material only. Installation is not included in this proposal. Our price for this material is as follows.

Two (2) Backflow Preventers from HD Supply @ \$2,104.93 ea.	\$4,209.86
Two pieces of 6" Fig x PE Pipe from R/G Wrenches	461.10
R. J. Sullivan Corp. Expense to Pick up & Deliver Pipe	120.00
<hr/> Subtotal	\$4,790.96
Mark-Up	718.64
<hr/> Additional Bond & insurance	192.84
<hr/> Total	\$5,702.44

Copies of invoices are included for your reference. Please include this in the next Change Order.

Sincerely,


Robert D. Mullen
Project Manager

Cc: Proposed Change Order File



Local Service, Nationwide

Branch	Account	Salesperson	Invoice Date	Invoice Number
039	014039	JEFF BROUILLETTE	2/15/08	6729631

HDSWW - W PALM BEACH FL
 Branch - 039
 1101 W 17th Street
 Riviera Beach FL 33404 0000
 561/848-4396

Remit to:

HD SUPPLY WATERWORKS, LTD.
 PO BOX 100467
 ATLANTA, GA

INVOICE

30384-0467

Total Amount Due
2,104.93

Shipped to:

|||||
 R J SULLIVAN
 2001 NW 22ND ST
 POMPANO BEACH FL 33069 1391

004/0491 PALM BEACH COUNTY WTP
 01152 1500 JOG ROAD
 WEST PALM BEACH, FL

Return Top Portion With Payment For Faster Credit

Thank You For The Opportunity To Serve You.
 We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO No.	Job Name	Job No.	Bill of Lading	Shipped Via	Order Number
2/06/08	2/06/08		PBC WTP			DIRECT	6729631

Product Code	Description	Quantity Ordered	Quantity Shipped	Back-Ordered	Price	Per	Amount
/00006292765	HD SUPPLY WATERWORKS PO#-3624816 6" COLT C-400 RP W/NRS GATES BID SEQ# 20 <i>NEED - 2</i>	2	1	1	1985.78000	EA	1,985.78

				Terms		Subtotal
				NET 30		1,985.78
Freight	Delivery	Handling	Restock	Misc	Tax	Invoice Total
					119.15	2,104.93

THANK YOU FOR YOUR ORDER
 VISIT
 WATERWORKS.HDSUPPLY.COM
 FOR OTHER SERVICES OFFERED

X 2 = 4,209.86
 Please pay this amount

HDSWW - W PALM BEACH FL
 Branch - 039
 1101 W 17th Street
 Riviera Beach FL 33404 0000

03591

Page: 1

Invoice: 6729631

**R/G WRENCHES
& EXTENSIONS, INC.**
2941 NE 7th Terrace
POMPANO BEACH, FL 33064

(954) 973-0840
FAX (954) 973-1444

INVOICE

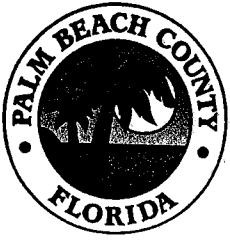
19203

TO R. J. Sullivan Corp.
2001 NW 22nd St.
Pompano Beach FL 33069

DATE: 2-6-08 ORDER NO: Chris
SHIP TO: _____

SALESPERSON	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS	
Chris	2-12-08	T.T.		Net 10 th	
QUANTITY	DESCRIPTION		UNIT PRICE	TOTAL	
1	6" Flg. x PE. 12'0"			267 ⁰⁰	
1	6" Flg. x PE. 6'0"			169 ⁰⁰	
	Willie Harris			TAX	26 ¹⁰
				TOTAL	461 ¹⁰

THANK YOU



**Water Utilities Department
Engineering**

P.O. Box 16097

West Palm Beach, FL 33416-6097

(561) 493-6000

Fax: (561) 493-6113

www.pbcwater.com



**Palm Beach County
Board of County
Commissioners**

Addie L. Greene, Chairperson

Jeff Koons, Vice Chair

Karen T. Marcus

Robert J. Kanjian

Mary McCarty

Burt Aaronson

Jess R. Santamaria

County Administrator

Robert Weisman

February 22, 2008

Robert Mullen
R. J. Sullivan Corp.
2001 N. W. 22nd Street
Pompano Beach, FL 33069

Re: WTP No. 8 Expansion
Project No. WUD 05-146
Work Directive No. 41

Dear Mr. Mullen:

Attached is Work Directive No. 41 for the above referenced project.

Sincerely,

A handwritten signature in cursive script, appearing to read "V. Riccobono".

Vincent Riccobono, P. E.
Construction Services Manager

cc: Maurice Tobon, P. E.
Bill Lapinsky
File 05-146

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printed on recycled paper

**PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT**

WORK DIRECTIVE

To: R.J. Sullivan Corp.
2001 N.W. 22nd Street
Pompano Beach, FL 33069

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 41

This Work Directive incorporates five PCO's. (copies attached):
PCO #55 , 56, 57, 58 - Dated February 13, 2008
PCO #63: - Dated February 20, 2008

1. Furnish and install wiring for Filter control valves as proposed in PCO #55, which was not shown on Drawings and as directed in response to RFI #89 (copy attached).
Lump Sum Price: \$30,372.00
2. Furnish and install wiring for Anionic Resin Exchange System control valves as proposed in PCO #56 which were not shown on Drawings and as directed in response to RFI #89 (copy attached).
Lump Sum Price: \$15,287.00 *827 UR*
3. Furnish and install conduit and wire for 18-inch Filter backwash control valve as proposed in PCO #57. Conduit and wiring not shown on Drawings.
Lump Sum Price: \$6,738.00
4. Furnish and install electrical revisions to feed Filter building air conditioning units as directed by Engineer in response to review of Shop Drawing 15500-001E (copy attached).
Lump Sum Price: \$9,065.00
5. Provide credit for conduit and wiring allowance in Section 16000 of the Contract Documents.
Credit: (\$38,578.00)

Time Allowed: 52 Calendar Days

Note: This Work Directive will be incorporated into a Change Order that will be submitted to the Contract Review Committee or the Board of County Commissioners for approval.

Authorized by: (Name) Maurice Tobon, P.E.

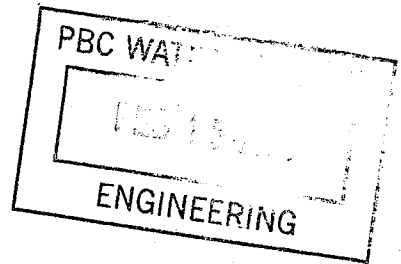
(Title) Director of Engineering

(Signature) M. Tobon

(Date) 2/22/08

rj Sullivan
CORP.

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333



February 13, 2008

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Additional Wiring for Filter Control Valves

PCO #55

Dear Mr. Riccobono,

Pursuant to your response to RFI #89, our electrical subcontractor has installed the additional wiring for the control valves at the new Filters. Our quotation for the extra work is as follows.

Subcontractor Quotation	\$27,638
RJS Supervision	300
5% Mark-Up	1,407
<u>Additional Bond & Insurance</u>	<u>1,027</u>
Total	\$30,372

In addition to the above extra cost, we will also require a time extension of 52 calendar days. The time extension is necessary to perform the extra work plus the time needed to reschedule F. B. Leopold's service technician to check-out and start-up their equipment. Please include this in the next Change Order.

Sincerely,

Robert D. Mullen
Project Manager

cc: Proposed Change Order File – Job 305



PROPOSAL FOR ELECTRICAL WORK

Edwards Electric Corp.

INDUSTRIAL ELECTRICAL CONTRACTING
7231 SOUTHERN BOULEVARD - C-2
WEST PALM BEACH, FLORIDA 33413
561 - 683-7066 • 561 - 683-8115 FAX
EC 0001100

To MR. BOB MULLEN
R.J. SULLIVAN CORP.
2001 N.W. 22ND STREET
POMPANO BEACH, FL.33069

Proposal No. 844-CO#14
Date 2/5/2008

We hereby propose to furnish labor and material necessary to provide the Electrical Installation for the
PBCO WTP SYSTEM 8 EXPANSION located at PALM BEACH COUNTY, FL.
in accordance with the following, expressly subject to the standard conditions stated on the reverse side of this proposal.

DESCRIPTION: LABOR AND MATERIAL COSTS TO PULL WIRE AND TERMINATE FILTER
CONTROL VALVES TO PROVIDE ADDITIONAL I/O AS REQUIRED.

Table with columns for item description, quantity, unit, rate, and cost. Includes categories like MATERIAL, SALES TAX, LABOR, and SUB-TOTAL.

TOTAL \$27,638.00
WE RESERVE OUR RIGHTS TO REQUEST A TIME EXTENSION WHEN THE FULL EXTENT AND IMPACT OF THIS CHANGE ORDER IS KNOWN

This proposal is based on the foregoing activity proceeding on a non-concurrent basis with all other activities.

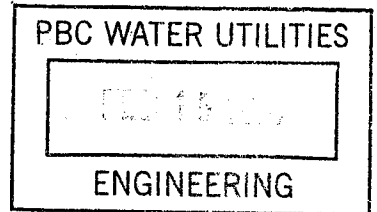
This proposal may be withdrawn if not accepted within thirty days after this date. Any changes in the jobsite conditions may void this proposal. It is anticipated this proposal will require 11 additional working days to complete.

Accepted
By
Date

Edwards Electric Corp.
By [Signature]

rs Sullivan
CORP.

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333



February 13, 2008

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Additional Wiring for Anionic Resin Exchange System Control Valves - PCO #56

Dear Mr. Riccobono,

Pursuant to your response to RFI #89, our electrical subcontractor has installed the additional wiring for the control valves at the new Anionic Resin Exchange System. Our quotation for the extra work is as follows.

Subcontractor Quotation	\$14,264
RJS Supervision	300
5% Mark-Up	728
<u>Additional Bond & Insurance</u>	<u>535</u>
Total	\$15,827

In addition to the above extra cost, we will also require a time extension of 7 calendar days to perform this extra work. Please include this in the next Change Order.

Sincerely,

Robert D. Mullen
Project Manager

cc: Proposed Change Order File - Job 305



PROPOSAL FOR ELECTRICAL WORK

Edwards Electric Corp.

INDUSTRIAL ELECTRICAL CONTRACTING
7231 SOUTHERN BOULEVARD - C-2
WEST PALM BEACH, FLORIDA 33413
561 - 683-7066 • 561 - 683-8115 FAX
EC 0001100

To MR. BOB MULLEN
R.J. SULLIVAN CORP.
2001 N.W. 22ND STREET
POMPANO BEACH, FL.33069

Proposal No. 844-CO#15
Date 2/5/2008

We hereby propose to furnish labor and material necessary to provide the Electrical Installation for the
PBCO WTP SYSTEM 8 EXPANSION located at PALM BEACH COUNTY, FL.
in accordance with the following, expressly subject to the standard conditions stated on the reverse side of this proposal.

DESCRIPTION: LABOR AND MATERIAL COSTS TO PULL WIRE AND TERMINATE ANIONIC
SYSTEM VALVES AND TRANSMITTERS TO PROVIDE ADDITIONAL I/O AS REQUIRED.

Table with columns for item description, quantity, unit, rate, and total cost. Includes categories like MATERIAL, SALES TAX, LABOR, and SUB-TOTAL.

TOTAL \$14,264.00
WE RESERVE OUR RIGHTS TO REQUEST A TIME EXTENSION WHEN THE FULL EXTENT AND
IMPACT OF THIS CHANGE ORDER IS KNOWN
This proposal is based on the foregoing activity proceeding on a non-concurrent basis with all other activities.

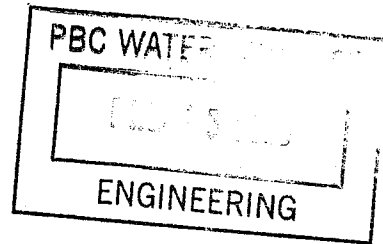
This proposal may be withdrawn if not accepted within thirty days after this date. Any changes in the jobsite conditions may void this proposal. It is anticipated this proposal will require 5 additional working days to complete.

Accepted _____
By _____
Date _____

Edwards Electric Corp.
By [Signature]

rs Sullivan
CORP.

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333



February 13, 2008

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Electrical for 18" Filter Backwash Control Valve

PCO #57

Dear Mr. Riccobono,

No conduit or wire was shown for the new 18" filter backwash control valve in the Filter Pipe Gallery. Our electrical subcontractor has completed the additional electrical work required for this valve. Our quotation for the extra work is as follows.

Subcontractor Quotation	\$5,900
RJS Supervision	300
5% Mark-Up	310
<u>Additional Bond & Insurance</u>	<u>228</u>
Total	\$6,738

In addition to the above extra cost, we will also require a time extension of 7 calendar days to perform this extra work. Please include this in the next Change Order.

Sincerely,

A handwritten signature in cursive script that reads "Robert D. Mullen".

Robert D. Mullen
Project Manager

cc: Proposed Change Order File – Job 305



PROPOSAL FOR ELECTRICAL WORK

Edwards Electric Corp.

INDUSTRIAL ELECTRICAL CONTRACTING
7231 SOUTHERN BOULEVARD - C-2
WEST PALM BEACH, FLORIDA 33413
561 - 683-7066 • 561 - 683-8115 FAX
EC 0001100

To MR. BOB MULLEN
R.J. SULLIVAN CORP.
2001 N.W. 22ND STREET
POMPANO BEACH, FL.33069

Proposal No. 844-CO#13
Date 2/5/2008

We hereby propose to furnish labor and material necessary to provide the Electrical Installation for the PBCO WTP SYSTEM 8 EXPANSION located at PALM BEACH COUNTY, FL. in accordance with the following, expressly subject to the standard conditions stated on the reverse side of this proposal.

DESCRIPTION: LABOR AND MATERIAL COSTS TO INSTALL ALL CONDUIT, WIRE AND TERMINATIONS TO FEED BACKWASH VALVE IN THE FILTER GALLERY NOT SHOWN ON ELECTRICAL DRAWINGS.

Table with columns for item description, quantity, unit, rate, and total cost. Includes categories like MATERIAL, SALES TAX, LABOR, and SUB-TOTAL.

TOTAL \$5,900.00

WE RESERVE OUR RIGHTS TO REQUEST A TIME EXTENSION WHEN THE FULL EXTENT AND IMPACT OF THIS CHANGE ORDER IS KNOWN

This proposal is based on the foregoing activity proceeding on a non-concurrent basis with all other activities.

This proposal may be withdrawn if not accepted within thirty days after this date. Any changes in the jobsite conditions may void this proposal. It is anticipated this proposal will require 5 additional working days to complete.

Accepted _____

Edwards Electric Corp.

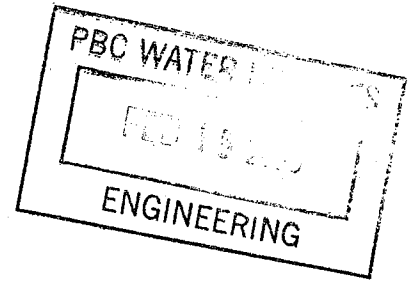
By _____

Date _____

By [Signature]

rs Sullivan
CORP.

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333



February 13, 2008

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Revisions to Electrical for AC Units in Filter Electrical Room

PCO #58

Dear Mr. Riccobono,

In accordance with the Engineer's comments to review of Shop Drawing Submittal #15500-001D, our electrical subcontractor has completed the electrical revisions necessary to feed the air conditioning units in the new electrical room from Panel FLP-1 due change in voltage. Our quotation for the extra work is as follows.

Subcontractor Quotation	\$8,041
RJS Supervision	300
5% Mark-Up	417
<u>Additional Bond & Insurance</u>	<u>307</u>
Total	\$9,065

In addition to the above extra cost, we will also require a time extension of 7 calendar days to perform this extra work. Please include this in the next Change Order.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert D. Mullen".

Robert D. Mullen
Project Manager

cc: Proposed Change Order File – Job 305



SHOP DRAWING REVIEW

To: Dave Prah
From: Paul Pouliot/Emilio Gacharich
Date: October 2, 2007
Subject: Palm Beach County
Water Treatment Plant #8 Expansion
S.D. Submittal # D-15500-001-E
S.D. Description: HVAC
CDM Job # 6711-52478

STATUS OF S.D. – Approved as Noted - Resubmit

COMMENTS:

1. As previously requested, re-submittal shall include a complete detailed written response to each comment below, including the attached Electrical comments, or it will not be reviewed. If requested items will be submitted under a separate heading, indicate as such. Note that comments not addressed by the equipment/material suppliers shall be addressed by the Contractor.
2. This submittal is a re-submittal of D-15500-001-D and should be labeled D-15500-001-E.
3. Re-submittal shall only address the comments below and include the requested information only. A complete re-submittal is not required.
4. Signed and sealed drawings and calculations submitted for air cooled condensing unit tie down method are not acceptable. Calculations reference Florida Building Code 2001 and ASCE 7-98. Current versions of these applicable codes are Florida Building Code 2004 and ASCE 7-02. Provide updated signed and sealed calculations for record purposes. (As previously noted, seal shall be an original crimped seal as required by the State of Florida. Photocopies are not acceptable).
5. As previously requested, the Contractor shall verify quantities and sizes of submitted air distribution devices to ensure that all items shown on the drawings are provided. The following items are noted, but do not relieve the contractor of this responsibility:

- a. Quantity of 20x20 supply registers (SR) is 3. This includes the plenum mounted supply registers for air handling units AHU-1, AHU-2, and the new supply register shown on sheet H-5 for the existing air handling unit located in the Existing Control Building Main Electrical Room.
 - b. Size of plenum mounted return filters grilles for air handling units AHU-1 and AHU-2 shall be 20x24 as shown on detail E/HD-2. Submittal data indicates 20x20.
 - c. Heavy duty aluminum exhaust/return grille shall be provided at the existing wall opening in place of the ductwork that is being removed at the Existing Sodium Hypochlorite Building as shown on sheet H-4.
6. As previously requested, provide submittal data for aluminum jacketing for all piping insulation as specified (15500 2.10.B.3). Response of N/A is not acceptable. All piping shall be provided with aluminum jacketing as specified.
 7. Type "L" piping will be allowed for refrigerant piping only. Confirm that condensate piping will be Type "K" as specified.
 8. Confirm that the previously submitted Honeywell T631C1053 will be used for the exhaust fan thermostats (EF-3, EF-4, EF-5). This thermostat was included in submittal D-15500-001-A.
 9. Submitted Honeywell T451/T651 is not acceptable for the high temperature thermostat. High temperature set point is 95°F (15500 2.17.C.1.g). The range for the submitted thermostats only goes up to 86°F. This thermostat is not acceptable for the exhaust fans either, which have a set point of 85°F. Refer to 15500 2.16.H.
 10. As previously requested, provide submittal data for ductwork, vibration isolators, ductwork insulation, pipe sleeves, filters, layout drawings, control drawings/diagrams, other required control components, and all other items required for a complete and operational system as specified. If these items will be submitted under a separate heading, indicate as such. Note the following:
 - a. Response of ductwork N/A and insulation N/A is not acceptable. Galvanized steel ductwork with externally mounted fiberglass board insulation is required to construct the supply and return plenums for air handling units AHU-1 and AHU-2. Refer to detail E/HD-2 and specification sections 15500 2.13 and 2.10.D.
 - b. Response of "all other (items) as specified" is not acceptable. Layout drawings, submittal data sheets for all other components, and control drawings/wiring diagrams shall be provided for review per the requirements of 15500 1.03.A.
 11. The following previous Electrical review comments shall be addressed/confirmed by the Contractor. Response of N/A is not acceptable:

a.

For AHU-1, AHU-2, ACCU-1 and ACCU-2, Contractor should route wire and conduit to FLP-1 instead of MCC-1. In the conduits for AHU-1 and AHU-2, delete 1 of the #12 conductors. In the conduits for ACCU-1 and ACCU-2, delete 1 of the #8 conductors (equipment is 208V, 1 phase instead of 480V, 3 phase).

b.

In panelboard FLP-1, Contractor should provide 2 - 15A,2P circuit breakers for the AHU's and 2 - 45A,2P circuit breakers for the ACCU's. Also refer to review comments for S.D. # D-16470-001-A on combining circuits in panelboard FLP-1 to obtain the necessary spare poles for these new circuit breakers.



PROPOSAL FOR ELECTRICAL WORK

Edwards Electric Corp.

INDUSTRIAL ELECTRICAL CONTRACTING
7231 SOUTHERN BOULEVARD - C-2
WEST PALM BEACH, FLORIDA 33413
561 - 683-7066 • 561 - 683-8115 FAX
EC 0001100

To MR. BOB MULLEN
R.J. SULLIVAN CORP.
2001 N.W. 22ND STREET
POMPANO BEACH, FL.33069

Proposal No. 844-CO#12
Date 2/5/2008

We hereby propose to furnish labor and material necessary to provide the Electrical Installation for the PBCO WTP SYSTEM 8 EXPANSION located at PALM BEACH COUNTY, FL.

in accordance with the following, expressly subject to the standard conditions stated on the reverse side of this proposal.

DESCRIPTION: LABOR AND MATERIAL COSTS TO INSTALL ALL CONDUIT, WIRE AND TERMINATIONS TO FEED AIR CONDITIONING UNITS FOR NEW ELECTRIC ROOM FROM PANEL FLP-1 DUE TO CHANGE IN VOLTAGE.

Table with columns for item description, quantity, unit, rate, and total cost. Includes categories like MATERIAL, LABOR, and SUB-TOTAL.

TOTAL WE RESERVE OUR RIGHTS TO REQUEST A TIME EXTENSION WHEN THE FULL EXTENT AND IMPACT OF THIS CHANGE ORDER IS KNOWN

This proposal is based on the foregoing activity proceeding on a non-concurrent basis with all other activities.

This proposal may be withdrawn if not accepted within thirty days after this date. Any changes in the jobsite conditions may void this proposal. It is anticipated this proposal will require 5 additional working days to complete.

Accepted By Date

Edwards Electric Corp.

By [Signature]

rj Sullivan
CORP.

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333

February 20, 2008

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

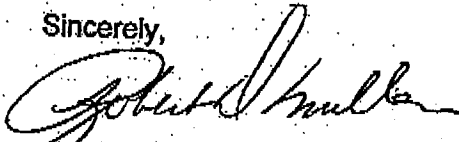
Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Credit for Conduit & Wire Allowance

PCO #63

Dear Mr. Riccobono,

Our electrical subcontractor offers a credit of \$38,578 for the conduit and wire allowance specified in Section 16000.

Sincerely,



Robert D. Mullen
Project Manager

Cc: Proposed Change Order File

Feb. 18. 2008 2:58PM

EDWARDS ELECTRIC CORP.

No. 2477 P. 1



PROPOSAL FOR ELECTRICAL WORK

Edwards Electric Corp.

INDUSTRIAL ELECTRICAL CONTRACTING
7231 SOUTHERN BOULEVARD - C-2
WEST PALM BEACH, FLORIDA 33413
561 - 683-7088 • 561 - 683-8118 FAX
EC 0001100

To MR. BOB MULLEN
R.J. SULLIVAN CORP.
2001 N.W. 22ND STREET
POMPANO BEACH, FL 33069

Proposal No. 844-CO#16
Date 2/18/2008

We hereby propose to furnish labor and material necessary to provide the Electrical Installation for the PBCO WTP SYSTEM & EXPANSION located at PALM BEACH COUNTY, FL.

in accordance with the following, expressly subject to the standard conditions stated on the reverse side of this proposal.

DESCRIPTION: **LABOR AND MATERIAL ALLOWANCE AS OUTLINED IN SPECIFICATION SECTION 16000 L01 O. THIS COST IS TO BE DEDUCTED FROM PENDING CHANGE ORDERS.**

MATERIAL				\$17,489.00	
FIXTURES				\$0.00	
SUBCONTRACTOR				\$0.00	
SALES TAX	@	6%		\$17,489.00	
				<u>\$1,049.34</u>	
				\$18,538.34	
MATERIAL OVERHEAD	@	0%		\$0.00	
MATERIAL PROFIT	@	0%		\$0.00	
RENTAL				\$0.00	
MATERIAL SUB-TOTAL					\$18,538.34
LABOR-FORMAN	0	MHS @	\$75.00	\$0.00	
LABOR-JW	160	MHS @	\$45.00	\$7,200.00	
LABOR-APP	160	MHS @	\$30.00	\$4,800.00	
				<u>\$12,000.00</u>	
FRINGE (PT&I)		67%		<u>\$8,040.00</u>	
CLEAN-UP		0.00%		\$0.00	
EXPENDABLE TOOLS, TRAVEL, & TEL EXP		0.00%		\$0.00	
WARRANTY		0.00%		\$0.00	
				<u>\$20,040.00</u>	
LABOR OVERHEAD		0%		\$0.00	
LABOR PROFIT		0%		\$0.00	
SUB-TOTAL					\$20,040.00
TOTAL					\$38,578.00

WE RESERVE OUR RIGHTS TO REQUEST A TIME EXTENSION WHEN THE FULL EXTENT AND IMPACT OF THIS CHANGE ORDER IS KNOWN

This proposal is based on the foregoing activity proceeding on a non-concurrent basis with all other activities.

This proposal may be withdrawn if not accepted within thirty days after this date. Any changes in the jobsite conditions may void this proposal. It is anticipated this proposal will require _____ additional working days to complete.

Accepted _____

Edwards Electric Corp.

By _____

Date _____

By *David B. Lyman*



**Water Utilities Department
Engineering**

P.O. Box 16097

West Palm Beach, FL 33416-6097

(561) 493-6000

Fax: (561) 493-6113

www.pbcwater.com



**Palm Beach County
Board of County
Commissioners**

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Jeff Koons, Vice Chair

Karen T. Marcus

Robert J. Kanjian

Mary McCarty

Burt Aaronson

Jess R. Santamaria

County Administrator

Robert Weisman

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Affirmative Action Employer"*



printed on recycled paper

March 3, 2008

Robert Mullen
R. J. Sullivan Corp.
2001 N. W. 22nd Street
Pompano Beach, FL 33069

Re: WTP No. 8 Expansion
Project No. WUD 05-146
Work Directive No. 42

Dear Mr. Mullen:

Attached is Work Directive No. 42 for the above referenced project.

Sincerely,

A handwritten signature in black ink, appearing to read "V. Riccobono".

Vincent Riccobono, P. E.
Construction Services Manager

cc: Maurice Tobon, P. E.
Bill Lapinsky
File 05-146

**PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT**

WORK DIRECTIVE

To: R.J. Sullivan Corp.
2001 N.W. 22nd Street
Pompano Beach, FL 33069

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 42

In accordance with your letter and proposal dated February 14, 2008
(PCO #60, copy attached), you are authorized to perform the following scope of work:

Furnish and install all labor, equipment and materials to construct pipe supports for the
new lime slurry line to Softener #3 as no support system was shown on the drawings.

Lump Sum Fee: \$19,139.00

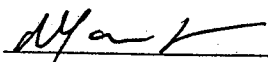
Time Allowed: 0 Calendar Days

Note: This Work Directive will be incorporated into a Change Order that will be
submitted to the Contract Review Committee or the Board of County Commissioners for
approval.

Authorized by: (Name) Maurice Tobon, P.E.

(Title) Director of Engineering

(Signature)

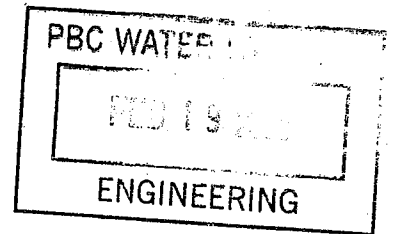


(Date)

2/29/08

rj Sullivan
CORP.

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333



February 14, 2008

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Supports for Elevated Lime Slurry Riping

PCO #60

Dear Mr. Riccobono,

In accordance with your response to RFI #91, we will furnish and install lime slurry supports to the new Lime Softener #3. Our proposal to perform this extra work is as follows.

Aluminum Pipe Supports	\$6,780
SS Unistrut, All Thread & Fasteners	500
Concrete, Rebar & Forms for Footings	1,000
Labor (160 man hours at \$40.00/mh)	6,400
Manlift	800
<u>RJS Supervision</u>	<u>600</u>
Subtotal	\$16,080
15% Mark-Up	2,412
<u>Additional Bond & Insurance</u>	<u>647</u>
Total	\$19,139

If you would like for us to perform this extra work, please issue your written acceptance of this proposal and authorization to proceed. This work must be complete before starting up the Lime Softener #3.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert D. Mullen".

Robert D. Mullen
Project Manager

cc: Proposed Change Order File - Job 305

PALM BEACH Iron WORKS, INC

STRUCTURAL STEEL ORNAMENTAL & MISCELLANEOUS
FABRICATION & ERECTION
ALUMINIUM EXPANDED METAL DIAMOND PLATE

7768 Belvedere Rd., West Palm Beach, FL 33411
PHONE 561-683-1816 FAX 561-689-9085

WTP#8 Expan.

TO: R. J. SULLIVAN CORP

Date 1-7-08

Address:

JOB: ALUMINUM PIPE SUPPORTS

— Lime Slurry Piping

City: W. P. B.

State FL

Zip

P.O.

Phone: CHRIS CELL 954-292-3403

fax 561-615-9834

ATTN: CHRIS

PROPOSAL TERMS:

COD

Advance Deposit

Net 30 Days

Net 10th

Contract

PRICES SUBJECT TO CHANGE AFTER 30 DAYS.

PROPOSAL

Labor and materials to furnish the following:

(5) five 6" sch 80 aluminum pipe supports 15'-0" long with bolttable cap plates and plain bottoms.

Price is based on possibly splicing three of the five supports with full penetration welds to save on material and due to material availability at time of order.

Price \$ 6,780.00 / tax include

SIGNATURE ACKNOWLEDGES A CONTRACTUAL AGREEMENT

Accepted :by

Firm:

By:

THANKS

Palm Beach Iron Works

By JIM R FIGGINS JR

Name

Jim R Figgins Jr 1-7-08



**Water Utilities Department
Engineering**
P.O. Box 16097
West Palm Beach, FL 33416-6097
(561) 493-6000
Fax: (561) 493-6113
www.pbcwater.com

**Palm Beach County
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March 5, 2008

Robert Mullen
R. J. Sullivan Corp.
2001 N. W. 22nd Street
Pompano Beach, FL 33069

Re: WTP No. 8 Expansion
Project No. WUD 05-146
Work Directive No. 39 (Revised 3/5/08)

Dear Mr. Mullen:

Attached is Work Directive No. 39 for the above referenced project.

Sincerely,

A handwritten signature in black ink, appearing to read "V. Riccobono".

Vincent Riccobono, P. E.
Construction Services Manager

cc: Maurice Tobon, P. E.
Bill Lapinsky
File 05-146

**PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT**

WORK DIRECTIVE

To: R.J. Sullivan Corp.
2001 N.W. 22nd Street
Pompano Beach, FL 33069

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 39 (Revised March 5, 2008)

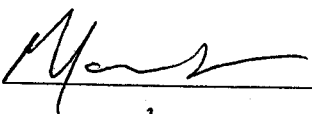
In accordance with your letter and proposal dated
(PCO #62B, copy attached), you are authorized to perform the following scope of work:

Furnish new volute for H.S. Pump #1 as shown in quote received from Carter &
Verplank.

Lump Sum Fee: \$ 19,531.00
Time Allowed: 0 Calendar Days

Note: This Work Directive will be incorporated into a Change Order that will be
submitted to the Contract Review Committee or the Board of County Commissioners for
approval.

Authorized by: (Name) Maurice Tobon, P.E.
(Title) Director of Engineering

(Signature)  _____
(Date) 3/4/08

rj Sullivan
CORP.

2001 N.W. 22nd Street
Pompano Beach, FL 33069
(954) 975-0388
FAX (954) 975-3333

March 5, 2008

Mr. Vince Riccobono
Palm Beach County Water Utilities Dept.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Re: Palm Beach County Water WUD Project No. 05-146
WTP No. 8 Expansion
Replacement Casing for High Service Pump #1

PCO #62C

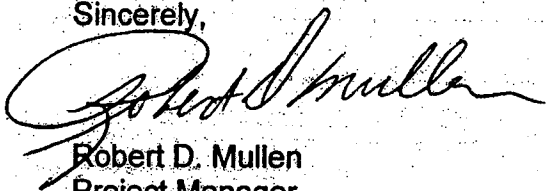
Dear Mr. Riccobono,

In accordance with your recent request, we are pleased to offer our quotation to supply a complete replacement casing for High Service Pump #1. No labor is included in this proposal.

New Casing	\$15,174.20
Sales Tax	935.45
Freight	300.00
<hr/> Subtotal	16,409.65
Mark-Up	2,461.35
<hr/> Additional Bond & Insurance	660.00
<hr/> Total	<hr/> \$19,531.00

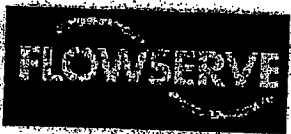
The approximate delivery time for the new casing is 14 to 16 weeks from the date of release. A copy of the Flowserve quote is enclosed for your reference. If you would like for us to perform this extra work, please issue your written acceptance of this proposal and your authorization to proceed.

Sincerely,



Robert D. Mullen
Project Manager

cc: Proposed Change Order File - Job 305



QUOTE ACKNOWLEDGEMENT

Requested by: Jack Cantos

Flowserve Quote # 95X-00345	Quote Date 2008-02-13	Industry 500000	Tax Code 0200
BILL TO CARTER & VERPLANCK, INC. PO BOX 24169 TAMPA, FL 33623-4169 US		SHIP TO CARTER/VERPLANCK 4910 W. CYPRESS ST. TAMPA, FL 33607-3802 US	
Customer Account # 167000	Customer Reference # BUZ	Customer Reference Date 2008-02-13	Promise Date 2008-06-04
Payment Terms	Ship Via YOUR CHOICE	Shipping Terms	Delivery Terms

This quote is subject to our standard terms and conditions. Please refer to our website for more information. All prices are Net per customer and will be held firm (6) weeks from 2008-02-13. No other items are included in this quote unless specifically noted. All items are priced in USD.

Item	Product Detail	Lead Time	Qty	Unit Price	Extension
0010	Part #: E450AD078 Desc: CASING COMPLETE CCN: 69999994 Serial #: 9909MS000604-1 Pump Type: LNN Prod: 041T QUOTE BOTH CASING HALVES.	14 WEEKS	1	\$17,629.00	\$14,984.65 USD
0011	Part #: H466KS053 Desc: CASING JOINT CCN: 63001713 Serial #: 9909MS000604-1 Pump Type: LNN Prod: 922T PRC. G. HAIFLEY 2-25-08	6 WEEKS	1	\$223.00	\$189.55 USD

Order value gross material only. All prices are Net per customer and will be held firm (6) six weeks from 2008-02-13

	Total:	\$15,174.20 USD
--	--------	--------------------

Tue Feb 26 06:19:37 MST 2008

This quote is subject to any changes made in the referenced machine prior to its shipment. All agreements contingent.

Page: 1

FL Sales Tax	910.45
PRC TAX	25.00
<hr/>	
Freight	16109.65 300.00
Total	<u>16,409.65</u>