

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

=====

<b>Meeting Date:</b>	<b>December 4, 2007</b>	<b>Consent [X]</b>	<b>Regular [ ]</b>
		<b>Public Hearing [ ]</b>	

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

=====

**I. EXECUTIVE BRIEF**

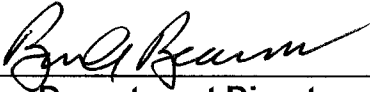
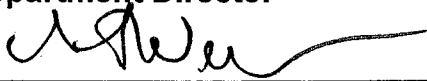
**Motion and Title:** Staff recommends motion to approve: Change Order No. 6 to the Contract with R.J. Sullivan, Corp. (R2006-0780) for the Water Treatment Plant No. 8 Expansion Project increasing the contract price by \$106,992 and providing a twenty one (21) day time extension.

**Summary:** Change Order No. 6 authorizes the Contractor to perform Phase II Hurricane Hardening (Sodium Hypochlorite and Vacuum Filter Buildings) various civil, mechanical, and electrical improvements, resolve conflicts with the proposed new facilities, and comply with Building Department permit conditions. It also provides the Contractor with additional time (21 days) to accomplish the additional work. The hurricane hardening includes shutters, impact resistant windows and concrete walls to make the above referenced buildings hurricane resistant. Other revisions are to relocate an electrical ductbank which was in conflict with the proposed Filter Building and to provide a conduit for instrumentation wiring for the new Sludge Thickener and Sodium Hypochlorite Storage Tank. Also included is a credit for a water softening unit which can be eliminated. Total change orders to date, excluding the \$1,712,386.46 sales tax recovery program change order, equal \$928,559.85 (5.10% 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 26.22% overall. (WUD Project No. 05-146) District 2 (JM)

**Background and Justification:** The Water Treatment Plant No. 8 Expansion will provide an additional 10 million gallons per day of potable water to accommodate existing and future customers. On May 2, 2006, the Board approved the construction contract with R.J. Sullivan Corp. (R2006-0780). This change order will authorize hurricane hardening for the Sodium Hypochlorite and Vacuum Filter Buildings which is prudent to prepare for category 4 or 5 storms, the relocation of an electrical ductbank which is in conflict with the proposed plant Filter Building and electrical conduit for the sodium hypochlorite storage tank and sludge thickener instrumentation wiring.

**Attachments:**

1. Location Map
2. Two (2) Original Change Order No. 6

<b>Recommended By:</b>		<u>11/6/07</u>
	<b>Department Director</b>	<b>Date</b>
<b>Approved By:</b>		<u>11/14/07</u>
	<b>Assistant County Administrator</b>	<b>Date</b>

**II. FISCAL IMPACT ANALYSIS**

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

<b>Fiscal Years</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Capital Expenditures	<u>\$106,992.00</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>\$106,992.00</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 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:** Debra M Met

**III. REVIEW COMMENTS**

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

John Omb 11-8-07  
OFMB  
11-8-07  
11/17/07

James J. Farrell 11/9/07  
Contract Development and Control  
11/8/07

**This item complies with current County policies.**

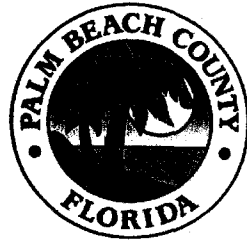
**B. Legal Sufficiency:**

James C. Murphy 11/14/07  
Assistant County Attorney

**C. Other Department Reviews:**

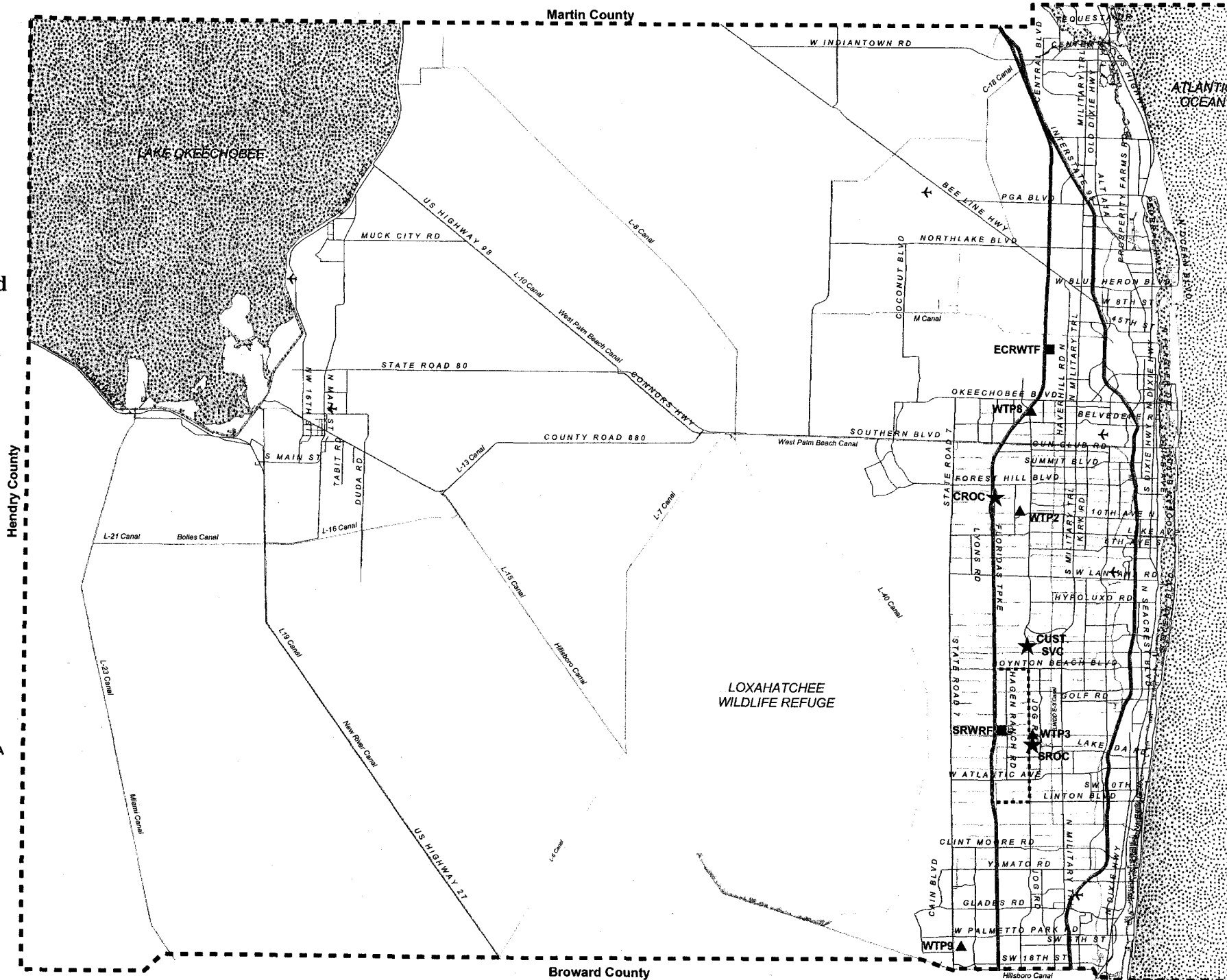
\_\_\_\_\_  
Department Director

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
- - - COUNTY LIMITS
- ★ Administration
- Water Reclamation Plant
- ▲ Water Treatment Plant
- ⊙ 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.: 6**

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

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

- |  |              |
|--|--------------|
| 1. Furnish & install (F&I) electrical ductbank to permanently replace the temporary wiring for the CO2 system. The original ductbank was in conflict with the Filter Building and the CO2 system electrical wiring was temporarily re-routed around the conflict. (Work Directive #31)                           | \$17,858.00  |
| 2. F&I a 4-inch rigid conduit in the ductbank from RIO-2 in the Filter Building electrical room to Hand Hole 9B. (Work Directive #30) This conduit was not shown on the Drawings and is needed to accommodate the instrumentation wiring for the proposed Sludge Thickener and Sodium Hypochlorite Storage Tank. | \$23,026.00  |
| 3. F&I hurricane hardening improvements shown on Sheets S-1 to S-9 of the drawings entitled "PHASE II: PROPOSED LOUVER SCREEN WALLS AND HURRICANE HARDENING (HYPOCHLORITE & VACUUM FILTER BUILDINGS) prepared by Bridge Design Associates dated June 13, 2007. (Work Directive # 29)                             | \$67,608.00  |
| 4. Delete the water softener specified for the sodium hypochlorite generation system. (Work Directive # 32) - CREDIT   | (\$1,500.00) |

Time extension to perform additional work not included in contract (21 days)	\$0.00
--	--------

Total:	<u>\$106,992.00</u>
--------	---------------------

**Water Treatment Plant No. 8  
Expansion  
Project No. WUD 05-146  
District Number: 2  
Contract No. R2006-0780  
Change Order No. 6**

NOT VALID UNTIL SIGNED BY BOTH OWNER AND ENGINEER. SIGNATURE OF THE CONTRACTOR INDICATES HIS AGREEMENT 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 .....	<b><u>\$18,620,000.00</u></b>
Net Change by previous Change Orders .....	<b><u>(\$1,404,521.59)</u></b>
The Contract Sum prior to this Change Order was.....	<b><u>\$17,729,181.39</u></b>
The Contract Sum will be increased by this Change Order .....	<b><u>\$106,992.00</u></b>
The New Contract Sum indicating this Change Order will be .....	<b><u>\$17,836,173.39</u></b>
The Contract Time will be increased by 21 days .....	<b><u>21 Days</u></b>
The Date of Substantial Compl. including this Change Order: .....	<b><u>May 7, 2008</u></b>
 The Date of Final Completion including this Change Order:.....	 <b><u>Aug. 5, 2008</u></b>

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

Palm Beach County Water  
Utilities Department  
**ENGINEER**

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

Address



Signature

Vincent M. Riccobono, P.E.

10-25-07

DATE

RJ Sullivan Corp.

**CONTRACTOR**

2001 N.W. 22nd Street  
Pompano Beach, Fl. 33069

Address



Signature

Robert Mullen, Project Mgr.

Oct 23, 2007

DATE

Palm Beach County Board of  
County Commissioners  
**OWNER**

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

Address

Signature

Addie L. Greene, Chairperson

DATE

**Water Treatment Plant No. 8  
Expansion  
Project No. WUD 05-146  
District Number: 2  
Contract No. R2006-0780  
Change Order No. 6**

**Approved As To Form and  
Sufficiency:**

**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. 6**

**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. 6**

**SCOPE OF WORK**

- 6.1 Furnish & Install (F&I) Electrical Ductbank to Permanently Replace the Temporary Wiring for the CO2 System (Differing Site Conditions) – Excavation in the location of the new Filter building revealed an existing ductbank for the CO2 System which was in conflict with the new Filter building. In a previous change order, the ductbank was removed and temporary direct bury wiring was installed to keep the CO2 system up and running during construction of the Filter Building. The work in this C.O. is to install a new permanent ductbank to replace the temporary wiring installed previously.
- 6.2 F&I a 4-Inch Rigid Conduit in the Ductbank From RIO-2 in the Filter Building to Hand Hole 9B (Errors/Omissions in Design) A conduit is required but not shown on the drawings for instrumentation wiring which is specified for the proposed sludge thickener and hypochlorite storage tank. Code requires this conduit to be installed in a ductbank.
- 6.3 F&I Hurricane Hardening Improvements Shown on Sheets S-1 to S-9 of the Drawings Entitled "PHASE II: PROPOSED LOUVER SCREEN WALLS AND HURRICANE HARDENING" prepared by Bridge Design Associates, Dated June 13, 2007 (Owner Initiated) This enhancement at WTP 8 is in conjunction with hurricane hardening projects at several of the WUD facilities and includes improvements such as structural walls, shutters and impact resistant windows to provide greater protection from hurricanes.
- 6.4 Delete the Water Softener Specified for the Sodium Hypochlorite Generation System (Owner Initiated) This change is a credit to delete a water softener which is not needed. The WTP 8 plant water system can provide water to the sodium hypochlorite generation system which meets the hardness requirements of the equipment.

Time extension to perform the additional work not included in contract (21 Days)



**Water Treatment Plant No. 8**  
**Expansion**  
**Project No. WUD 05-146**  
**District Number: 2**  
**Contract No. R2006-0780**  
**Change Order No. 6**

**COST SUMMARY**

<b>C.O.#</b>	<b>DESCRIPTION</b>	<b>ADDITIONS</b>	<b>(DELETIONS)</b>	<b>NET CHANGE</b>
6.1	F&I Electrical Ductbank to Permanently replace the Temporary Wiring for the CO2 System.	\$17,858.00	(\$0.00)	\$17,858.00
6.2	F&I 4-Inch Rigid Conduit in the Ductbank from RIO-2 in Filter Building Electrical Room to Hand Hole 9B.	\$23,026.00	(\$0.00)	\$23,026.00
6.3	F&I Hurricane Hardening Improvements Shown on Sheets S-1 to S-9 of the Drawings Entitled "PHASE II: PROPOSED LOUVER SCREEN WALLS and HURRICANE HARDENING (HYPOCHLORITE and VACUUM FILTER BUILDINGS)" Prepared by Bridge Design Associates, Dated June 13, 2007.	\$67,608.00	(\$0.00)	\$67,608.00
6.4	Delete Water Softener for the Sodium Hypochlorite Generation System.	(0.00)	(\$1,500.00)	(\$1,500.00)
	Extend time for substantial & final completion by 21 days	(0.00)	(0.00)	(0.00)
	<b>Totals</b>	<b>\$108,492.00</b>	<b>(\$1,500.00)</b>	<b>\$106,992.00</b>

**CHANGE ORDER ADDITIONS/DELETIONS SUMMARY**

PROJECT: Water Treatment Plant No. 8  
Expansion  
CONTRACTOR: RJ Sullivan Corp.  
2001 N.W. 22nd St.  
Pompano Bch, Fl. 33069

APPROVAL LIMITS:

PROJECT NO.:	WUD 05-146		DEPARTMENT HEAD		CONTRACT REVIEW COMMITTEE		DEPARTMENT HEAD PLUS CONTRACT REVIEW COMMITTEE	
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	Pending	\$106,992.00	\$0.00	0	\$0.00	0	\$0.00	0	\$106,992.00	21	\$106,992.00
<b>TOTAL</b>		<b>(\$783,826.61)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(\$783,826.61)</b>	<b>193</b>	<b>(\$783,826.61)</b>

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. 6  
 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 \$17,836,173.39 Adjusted Participation \$4,677,619.00 Adjusted Percent Participation 26.23%

**PALM BEACH COUNTY  
WATER UTILITIES DEPARTMENT**

**WORK DIRECTIVE**

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

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 31

In accordance with your letter and proposal dated July 16, 2007  
(PCO #41, copy attached), you are authorized to perform the following scope of work:

Furnish and install all labor, equipment and materials to relocate the existing CO2 system electrical ductbank. This ductbank was in conflict with the location of the new Filter Building.

Lump Sum Fee: \$17,858.00  
Time Allowed: 11 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)



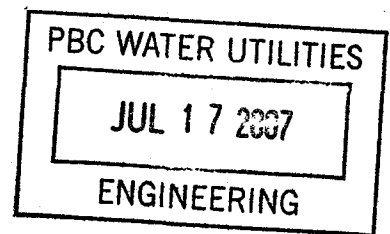
(Date)

10-5-07

# **rj Sullivan**

CORP.

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



July 16, 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  
Relocate Ductbank for CO2

PCO #41

Dear Mr. Riccobono,

This quotation is for relocating the existing duct bank for the CO2 system that had been moved to avoid a conflict with the new Filters.

Concrete (10 CY @ 145/CY)	1,450
Crane w/Operator (3hrs @ 140/Hr)	420
RJS Supervision	600
<u>Subtotal</u>	<u>2,470</u>
15% Mark-up on RJS Work	371
Electrical subcontractor quotation	13,727
5% Mark-up on Subcontractor	686
<u>Additional Bond &amp; Insurance</u>	<u>604</u>
Total	\$17,858

We shall also require a time extension 11 calendar days. A copy of our subcontractor's quotation is enclosed for your reference. If this proposal meets with your approval, 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: Brian Shields, PBC WUD  
Proposed Change Order File



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#6
Date 7/11/2007

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 RELOCATE EXISTING DUCTBANK TO CO2 TANK. ORIGINAL DUCTBANK WAS IN CONFLICT WITH THE NEW FILTER BUILDING.

Table with columns for item description, quantity, unit, rate, and total cost. Includes categories like MATERIAL, GEAR, EXCAVATOR/OPERATOR, LABOR, and SUB-TOTALS.

TOTAL \$13,727.00

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 8 additional working days to complete.

Accepted \_\_\_\_\_

Edwards Electric Corp.

By \_\_\_\_\_

Date \_\_\_\_\_

By [Signature]

# rj Sullivan Corp

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

Bill To:

PALM BEACH COUNTY

Work Performed At:

W.T.P. # 8
CO2 electrical duct bank.

Date 6-4-07	Your Work Order No.	Our Bid No. 020
----------------	---------------------	--------------------

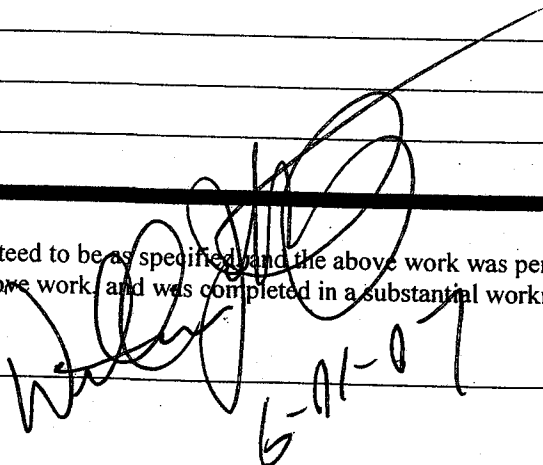
## DESCRIPTION OF WORK PERFORMED

10 YDS concrete  
3 HRS crane w/ operator.

Pour concrete around duct bank that was temporarily moved out of way of new filter.

All Material guaranteed to be as specified and the above work was performed in accordance with the drawings and specifications provided for the above work, and was completed in a substantial workmanlike manner.

Authorized by:



**PALM BEACH COUNTY  
WATER UTILITIES DEPARTMENT**

**WORK DIRECTIVE**

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

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 32

In accordance with your letter and proposal dated October 4, 2007  
(PCO #45, copy attached), you are authorized to perform the following scope of work:

Delete the specified water softener for the sodium hypochlorite generation system.

Lump Sum Fee: (\$1,500.00) 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) Vincent Riccobono, P.E.  
(Title) Interim Director of Engineering

(Signature) 

(Date) 10-5-07



OCT.04.2007 14:46

#7426 P.001 /001

**rj Sullivan**  
CORP.

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

October 4, 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 Water Softener

PCO #45

Dear Mr. Riccobono,

In accordance with your instructions, we have deleted the water softener for the sodium hypochlorite generation system. The credit to delete the softener is the lump sum amount of \$1,500.00.

Sincerely,



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. 22<sup>nd</sup> Street  
Pompano Beach, FL 33069

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 30

In accordance with your letter and proposal dated July 16, 2007  
(PCO #38, copy attached), you are authorized to perform the following scope of work:

Furnish and install all labor, equipment and materials to add an additional 4-inch rigid conduit needed for instrumentation wiring for the proposed sludge tank and the NaOCl storage tanks. The drawings did not show this conduit and it shall be installed in the duct bank from RIO -2 in Filter Building electric room to Hand Hole 9B.

Lump Sum Fee: \$23,026.00  
Time Allowed: 10 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

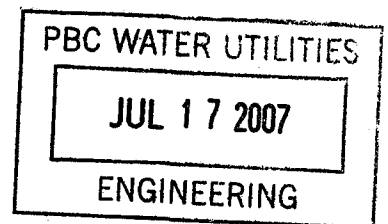
(Signature) 

(Date) 10-5-07

**rj Sullivan**

CORP.

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



July 16, 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  
Additional Conduit at Filter Building

PCO #38

Dear Mr. Riccobono,

As discussed during previous progress meetings and in accordance with your letter dated June 7, 2007 we are submitting our proposal to add a 4-inch rigid conduit in the ductbank from the new Filter Building to Hand Hole #9B. The scope of work is further defined in a letter from Edwards Electric Corp. dated May 30, 2007. A copy of their letter is enclosed for your reference. Our quotation for this extra work is as follows.

Electrical subcontractor quotation	\$20,588
RJS Supervision	600
5% Mark-up	1,059
<u>Additional Bond &amp; Insurance</u>	<u>779</u>
Total	\$23,026

We shall also require a time extension 10 calendar days. A copy of our subcontractor's quotation is enclosed for your reference. If this proposal meets with your approval, 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: Brian Shields, PBC WUD  
Proposed Change Order File



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#7
Date 7/11/2007

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 ADD A 4 INCH RIDGID CONDUIT IN THE DUCTBANK FROM THE NEW FILTER BUILDING TO SLUDGE TANK #3.

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 8 additional working days to complete.

Accepted \_\_\_\_\_

Edwards Electric Corp.

By \_\_\_\_\_

Date \_\_\_\_\_

By [Signature]



**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

Warren H. Newell

Mary McCarty

Burt Aaronson

Jess R. Santamaria

**County Administrator**

Robert Weisman

June 7, 2007

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

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

Dear Mr. Mullen:

This letter is in response to your correspondence of May 8, 2007 regarding the addition of Electric Conduit at the Filter Building Electrical Room.

The scope outlined by the electrical subcontractor is satisfactory. Provide us with a detail of the cost to include man hours, equipment and materials.

Sincerely,

Vincent Riccobono, P. E.  
Construction Services Manager

cc: Bill Lapinsky  
File 05-146

*"An Equal Opportunity  
Affirmative Action Employer"*

**rj Sullivan**  
CORP.

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

May 8, 2007

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

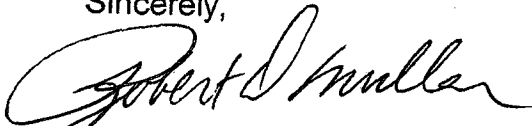
Re: Palm Beach County Water WUD Project No. 05-146  
WTP No. 8 Expansion  
Additional Conduit at Filter Building

PCO #38

Dear Mr. Riccobono,

As discussed during the last progress meeting, our electrical subcontractor has summarized the proposed changes necessary to add an additional conduit at the new Filter Building Electrical Room. A copy of their letter is enclosed for your reference. Please let us know if you are in agreement with the scope of work as outlined in their letter. Once the scope of work is agreed to, we will submit our proposal for your consideration.

Sincerely,



Robert D. Mullen  
Project Manager

Cc: Brian Shields, PBC WUD  
Proposed Change Order File



*Edwards Electric Corp.*

INDUSTRIAL ELECTRICAL CONTRACTORS

May 30, 2007

Mr. Bob Mullen  
R.J. Sullivan Corp.  
2001 N.W. 22<sup>nd</sup> Street  
Pompano Beach, Fl. 33069

Subject: EEC Job No.844 – PBCO System 8 WTP Expansion

Re: Electrical Duct Bank

Dear Bob,

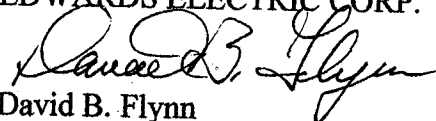
It has been determined a 4" rigid conduit will need to be added to the duct bank from RIO-2 in the Filter Building electric room to Handhole 9B. This additional conduit will pickup all the instrumentation wiring for the Sludge Tank #3 and the NaOCL storage tanks. The following changes will be made to the yard piping and handhole locations:

1. Move HH-7 to the north side of the Filter Bldg. electric room.
2. Core drill the floor under RIO-2 and stub out a 4" rigid conduit to HH-7.
3. Install a 4" rigid conduit in sections 14, 5, & 6 ending at HH-9B.
4. Relocate HH-11A & 11B to the old location of HH-7.

A proposal for this work will be forwarded after the above changes are approved.

Thank you for your attention to this matter.

Sincerely,  
EDWARDS ELECTRIC CORP.

  
David B. Flynn  
Project Manager/Vice President

cc: Kenneth L. Groves - EEC President  
Tyrone Fox - EEC Vice President



**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"*

printed on recycled paper

September 24, 2007

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

Re: WTP No. 8 Expansion  
Project No. WUD 05-146  
Work Directive No. 29

Dear Mr. Mullen:

Attached is Work Directive No. 29 for the above referenced project.

Sincerely,

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

Vincent Riccobono, P. E.  
Interim Director of Engineering

cc: Brian Shields, P. E.  
Bill Lapinsky  
File 05-146



**PALM BEACH COUNTY  
WATER UTILITIES DEPARTMENT**

**WORK DIRECTIVE**

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

Project Name: Water Plant No.8 Expansion

Project No.: WUD 05-146

Work Directive No. 29

In accordance with your letter and proposal dated September 13, 2007 (copy attached), you are authorized to perform the following scope of work:

Furnish and install all labor, equipment and materials to perform the work shown on Sheets S-1 through S-9 of the drawings entitled "PHASE II: PROPOSED LOUVER SCREEN WALLS AND HURRICANE HARDENING (HYPOCHLORIDE & VACUUM FILTER BUILDINGS)" prepared by Bridge Design Associates, dated June 13, 2007)

Lump Sum Fee: \$67,608.00

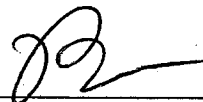
Time Allowed: 0 Calendar Days

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) Brian Shields, P.E.

(Title) Deputy Director

(Signature) \_\_\_\_\_

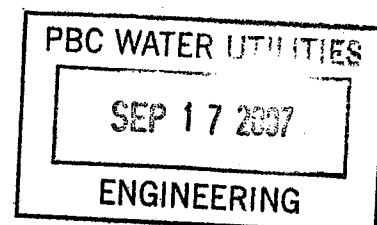


(Date) \_\_\_\_\_

9/21/07

**rj Sullivan**  
CORP.

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



September 13, 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  
Hurricane Hardening - Phase 2 (Revised)

PCO #40A

Dear Mr. Riccobono,

Pursuant to recent revisions to the Drawings, we offer our revised proposal to complete the Proposed Louver Screen Walls and Hurricane Hardening at the Sodium Hypochlorite and Vacuum Filter Buildings as shown on Sheets S-1 through S-9. Our quotation for this extra work is as follows.

Window Film	\$7,450
Accordion Shutter	500
Masonry	2,500
Stucco	6,490
Painting	2,685
Roll-Up Door	4,850
Material to Tie Down Fans & AC	1,000
Concrete, Rebar, Forms, Etc	5,103
Aluminum Channels	4,874
Labor	15,330
Labor to Fill Opening Above Double Doors	1,920
Concrete Pump to Fill Opening	500
Concrete, Forms & Rebar to Fill Opening	500
Add Flashing @ Base of Wall	700
Construction Equipment	1,800
RJS Supervision	600
<b>Subtotal</b>	<b>\$56,802</b>
<b>Overhead &amp; Profit</b>	<b>8,520</b>
<b>Subtotal</b>	<b>\$65,322</b>
<b>Additional Bond &amp; insurance</b>	<b>2,286</b>
<b>Total</b>	<b>\$67,608</b>

**rj Sullivan**  
CORP.

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


September 13, 2007  
Mr. Vince Riccobono  
Palm Beach County Water Utilities Dept.  
Page 2

As previously stated, this quotation does not include any electrical work. Since no electrical work is shown on the drawings, any electrical work required will be performed on a "Time & Material" basis. No new metal fascia panels are included. We plan to modify the existing panels to allow mounting of the new aluminum beams. The roll-up door proposed is a manually operated, insulated door. A non-insulated door would cost less. We plan to replace two broken panes of glass before application of the window film. The replacement glass will be similar to the other replacement glass that has already been installed.

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

Please also note that our original proposal was submitted on July 5, 2007. We have also been told not to proceed with construction on the Phase 1 Hurricane Hardening project because the County has been unable to obtain permits. The crews that we planned to use to perform this work as well as the Phase 1 work are no longer needed on site for the original contract and will be transferred to another project. These delays will certainly impact the completion dates, and if not resolved very soon, will cause increases in the cost of this work. When we are finally released to perform the work, we will notify you of the actual impact on cost and time.

Sincerely,



Robert D. Mullen  
Project Manager

cc: Brian Shields, PBCWUD  
Proposed Change Order File – Job 305