

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

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**Meeting Date:** July 10, 2007 **Consent [X]** **Regular [ ]**  
**Public Hearing [ ]**  
**Submitted By:** Water Utilities Department  
**Submitted For:** Water Utilities Department  
 =====

I. EXECUTIVE BRIEF

**Motion and Title: Staff recommends motion to approve:** Change Order No. 4 to the Contract with R.J. Sullivan, Corp. (R2006-0780) for the Water Treatment Plant No. 8 Expansion Project increasing the contract price by \$265,146 and providing a 30-day time extension for Substantial Completion and a 60-day time extension for Final Completion.

**Summary:** Change Order No. 4 authorizes the Contractor to provide hurricane hardening for five existing buildings; an architectural enhancement to the filter building required by the building permit; and increases the contract time (30 days for Substantial Completion and 60 days for Final Completion) to accomplish the additional work. Total change orders to date, excluding the \$1,712,386.46 sales tax recovery program change order, equal \$564,716.36 (3.23% 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 26.89% overall.

(WUD Project No. 05-146)

District 2

(JM)

**Background and Justification:** On May 2, 2006, the Board approved the construction contract with R.J. Sullivan Corp. (R2006-0780) to expand the plant by 10 mgd. Concurrent with expansion of this facility, the Department has been working with consultants to conduct extensive evaluations of its facilities to ensure all measures are taken to harden the buildings against hurricanes. This change order will authorize hurricane hardening recommended by the consultant Bridge Design & Associates, Inc. The hurricane hardening is being added to the Contract by change order to expedite these improvements. Architectural enhancement to the filter building roof ventilation fans were required by the building permit.

**Attachments:**

1. Two (2) Original Change Order No. 4
2. Location Map

Recommended By:  04/22/07  
 Department Director Date

Approved By:  6/21/07  
 Assistant County Administrator Date

**II. FISCAL IMPACT ANALYSIS**

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

<b>Fiscal Years</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
Capital Expenditures	<u>\$265,146.00</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>\$265,146.00</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 No.:** Fund 4011 Dept 721 Unit W001 Object 6541

Is Item Included in Current Budget? Yes X No     

Reporting Category N/A

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

One time capital expenditure from the user fees and balances brought forward.

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

**III. REVIEW COMMENTS**

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

Jan 21 6/27/07  
OFMB  
AMN 6/27/07  
CN 6/26/07

Don J. Gooding 6/27/07  
Contract Development and Control  
6/27/07

**B. Legal Sufficiency:**

James C. Meyer 6/29/07  
Assistant County Attorney

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

**C. Other Department Review:**

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

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

**CHANGE ORDER**

**PROJECT: Water Treatment Plant No. 8 Expansion**  
**WATER UTILITIES DEPT. PROJECT NO. WUD 05-146**  
**DISTRICT NUMBER: 2**  
**CHANGE ORDER NO.: 4**

<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 all labor, equipment and materials to perform hurricane hardening improvements as shown on Sheets S-1 through S-13 of the Drawings entitled: "WTP 8, PROPOSED LOUVER SCREEN WALLS AND HURRICANE HARDENING (ADMINISTRATION "MAIN", OZONE & GENERATOR BUILDINGS), BDA No. 07-530, PBC PROJ. NO. WUD 05-146" prepared by Bridge Design Associates dated May 23, 2007. | <b>\$265,146.00</b> |
|---|---------------------|

Time extension to perform the above referenced additional work – 30 days added to Substantial Completion Date and 60 added to Final Completion Date

Substantial Completion is redefined as project receiving Florida Department of Environmental Protection clearance and all plant expansion components operable as designed and producing 10 MGD

<b>Total:</b>	<u><b>\$265,146.00</b></u>
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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

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The Original Contract Sum was .....	<b><u>\$18,620,000.00</u></b>
Net Change by previous Change Orders .....	<b><u>(\$1,412,816.80)</u></b>
The Contract Sum prior to this Change Order was.....	<b><u>\$17,207,183.90</u></b>
The Contract Sum will be increased by this Change Order.....	<b><u>\$265,146.00</u></b>
The New Contract Sum indicating this Change Order will be .....	<b><u>\$17,472,329.90</u></b>
The Contract Time will be increased by 30 for Substantial Completion & 60 days for Final Completion.....	<b><u>30 (Subst.), 60 (Final)</u></b>
The Date of Substantial Compl. including this Change Order: .....	<b><u>Mar 22, 2008</u></b>
The Date of Final Completion including this Change Order:.....	<b><u>June 20, 2008</u></b>

**Water Treatment Plant No. 8  
Expansion  
Project No. WUD 05-146  
District Number: 2  
Contract No. R2006-0780  
Change Order No. 4**

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.

6-15-07

DATE

RJ Sullivan Corp.

**CONTRACTOR**

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

Address



Signature  
for Robert J. Sullivan, President

6/15/07

DATE

Palm Beach County Board of  
County Commissioners

**OWNER**

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

Address

Signature *ALG*  
Addie L. Greene, Chairperson

DATE

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. 4**

**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. 4**

**SCOPE OF WORK**

- 4.1 Furnish and Install Hurricane Hardening Improvements as shown on Sheets S-1 through S-13 of the Drawings prepared by Bridge Design Associates, dated May 23, 2007 entitled "WTP NO. 8, PROPOSED LOUVER SCREEN WALLS AND HURRICANE HARDENING (ADMINISTRATION "MAIN", OZONE & GENERATOR BUILDINGS), BDA No. 07-530, PBC PROJ. No. 05-146" (Owner Initiated)

Time Extension to perform above referenced work: 30 days added to Substantial Completion Date and 60 days added to Final Completion Date

**Water Treatment Plant No. 8  
Expansion  
Project No. WUD 05-146  
District Number: 2  
Contract No. R2006-0780  
Change Order No. 4**

**COST SUMMARY**

<b>C.O.#</b>	<b>DESCRIPTION</b>	<b>ADDITIONS</b>	<b>(DELETIONS)</b>	<b>NET CHANGE</b>
4.1	Furnish and Install Hurricane Hardening Improvements as shown on Sheets S-1 through S-13 prepared by Bridge Design Associates, dated May 23, 2007 entitled "WTP No. 8, PROPOSED LOUVER SCREEN WALLS AND HURRICANE HARDENING (ADMINISTRATION, OZONE AND GENERATOR BUILDINGS), BDA No. 07-530, PBC Proj. No. 05-146	\$265,146.00	(\$0.00)	\$265,146.00
	Extend time for substantial completion by 30 days and extend time for final completion by 60 days	(\$0.00)	(\$0.00)	(\$0.00)
	<b>Totals</b>	<b>\$265,146.00</b>	<b>(\$0.00)</b>	<b>\$265,146.00</b>

**CHANGE ORDER ADDITIONS/DELETIONS SUMMARY**

PROJECT:	<b>Water Treatment Plant No. 8 Expansion</b>	<u>APPROVAL LIMITS:</u>						
CONTRACTOR:	<b>RJ Sullivan Corp. 2001 N.W. 22nd St. Pompano Bch, Fl. 33069</b>	DEPARTMENT HEAD	CONTRACT REVIEW COMMITTEE		DEPARTMENT HEAD PLUS CONTRACT REVIEW COMMITTEE			
PROJECT NO.:	<b>WUD 05-146</b>							
RESOLUTION NO.:	<b>R2006-0780</b>	(Amount)	(Days)	(Amount)	(Days)	(Amount)	(Days)	
DATE APPROVED:	<b>May 2, 2006</b>	INDIVIDUAL C.O.	\$50,000.00	25 Days	\$50,000.00	25 Days	\$100,000.00	N/A
CONTRACT AMOUNT:	<b>\$18,620,000.00</b>	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		CONTRACT REVIEW COMMITTEE		TOTAL DEPT. HEAD & CONTRACT REVIEW COMM.		BOARD OF COUNTY COMMISSIONERS		TOTALS
			(ADDS PLUS DEDUCTS) AMOUNT	DAYS	(ADDS PLUS DEDUCTS) AMOUNT	DAYS	(ADDS PLUS DEDUCTS) AMOUNT	DAYS	(ADDS PLUS DEDUCTS) AMOUNT	DAYS	
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	Pending	\$265,146.00	\$0.00	0	\$0.00	0	\$0.00	0	\$265,146.00	60	\$265,146.00
<b>TOTAL</b>			<b>(\$1,147,670.10)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(\$1,147,670.10)</b>	<b>147</b>	<b>(\$1,147,670.10)</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. 4  
 CONTACT PERSON: Mr. Robert D. Mullen PHONE NO: (954) 975-0388 FAX NO. (954) 975-3333  
 CONTRACT DATE: May 2, 2006 DEPARTMENT: Water Utilities

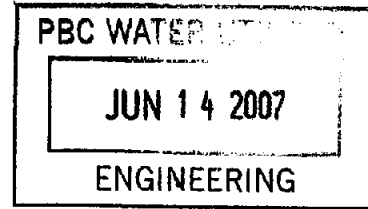
Name, Address and Phone Number of M/WBE	Type of Work To Be Performed	Subcontract Amount			
		Black	Hispanic	Women	Other (Please Specify)
1.		---	---	---	---
2.		---	---	---	---
3.		---	---	---	---
4.		---	---	---	---
5.		---	---	---	---
6.		---	---	---	---
7.		---	---	---	---
8.		---	---	---	---
9.		---	---	---	---
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 \$17,472,329.90 Adjusted Participation \$4,677,619.00 Adjusted Percent Participation 26.77%

M/WBE

**rs Sullivan**  
CORP.

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



June 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  
Hurricane Hardening

PCO #39

Dear Mr. Riccobono,

In accordance with the County's recent request, we offer our proposal to complete the Proposed Louver Screen Walls and Hurricane Hardening at the Administration, Ozone and Generator Buildings as shown on Sheets S-1 through S-13. Our quotation for this extra work is as follows.

Painting	\$27,056
Roofing	62,700
Accordion Shutters	8,964
Doors & Windows	11,850
Labor & Material to Tie Down Fans & AC	4,240
Concrete, Rebar, Forms, Etc	38,580
Labor	62,025
Construction Equipment	6,350
RJS Supervision	1,000
<hr/> Subtotal	\$222,765
Overhead & Profit	33,415
<hr/> Subtotal	\$256,180
Additional Bond & insurance	8,966
<hr/> Total	\$265,146

Our roofing subcontractor says that, because of the age and condition of the existing roofing on the Ozone Building, it is not practical to patch the roofing. Therefore, the above quotation is based upon completely removing and replacing the roofing on the Ozone Building.

**rs Sullivan**  
CORP.

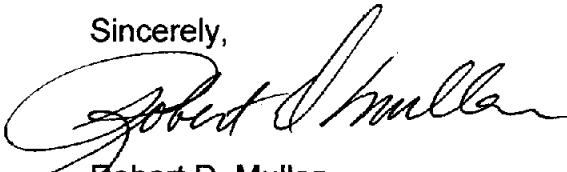
2001 N.W. 22nd Street  
Pompano Beach, FL 33069  
(954) 975-0388  
FAX (954) 975-3333

Mr. Vince Riccobono  
Palm Beach County Water Utilities Dept.  
Page 2

Please also note that 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.

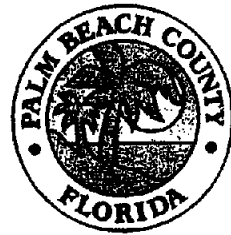
In order to complete the above work, we shall require a time extension of ~~60 calendar~~ <sup>30 days "Substantial"</sup> <sup>60 days "FINAL"</sup> *NR* days. If you would like for us to perform this extra work, please issue your written acceptance of our proposal and authorization to proceed. Please note that the roofing on these buildings can not proceed until the screen framing has been mounted to the concrete roof deck.

Sincerely,



Robert D. Mullen  
Project Manager

cc: Proposed Change Order File – Job 305



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

**Attachment 2**

**Legend**

- P.B.C.W.U.D. SA
- Mandatory Reclaimed SA
- - - Palm Beach County Limits
- ★ Administration
- Water Reclamation Facility
- Water Treatment Facility
- • • • •

