

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2007	2008	2009	2010	2011
Capital Expenditures	<u>\$145,318.40</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>\$145,318.40</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: Debra M. West

III. REVIEW COMMENTS

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

[Signature] 12-12-06
OFMB
12-12-06
[Circular Stamp]

[Signature] 12/14/06
Contract Development and Control
12/14/06

B. Legal Sufficiency:

[Signature] 12/15/06
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**

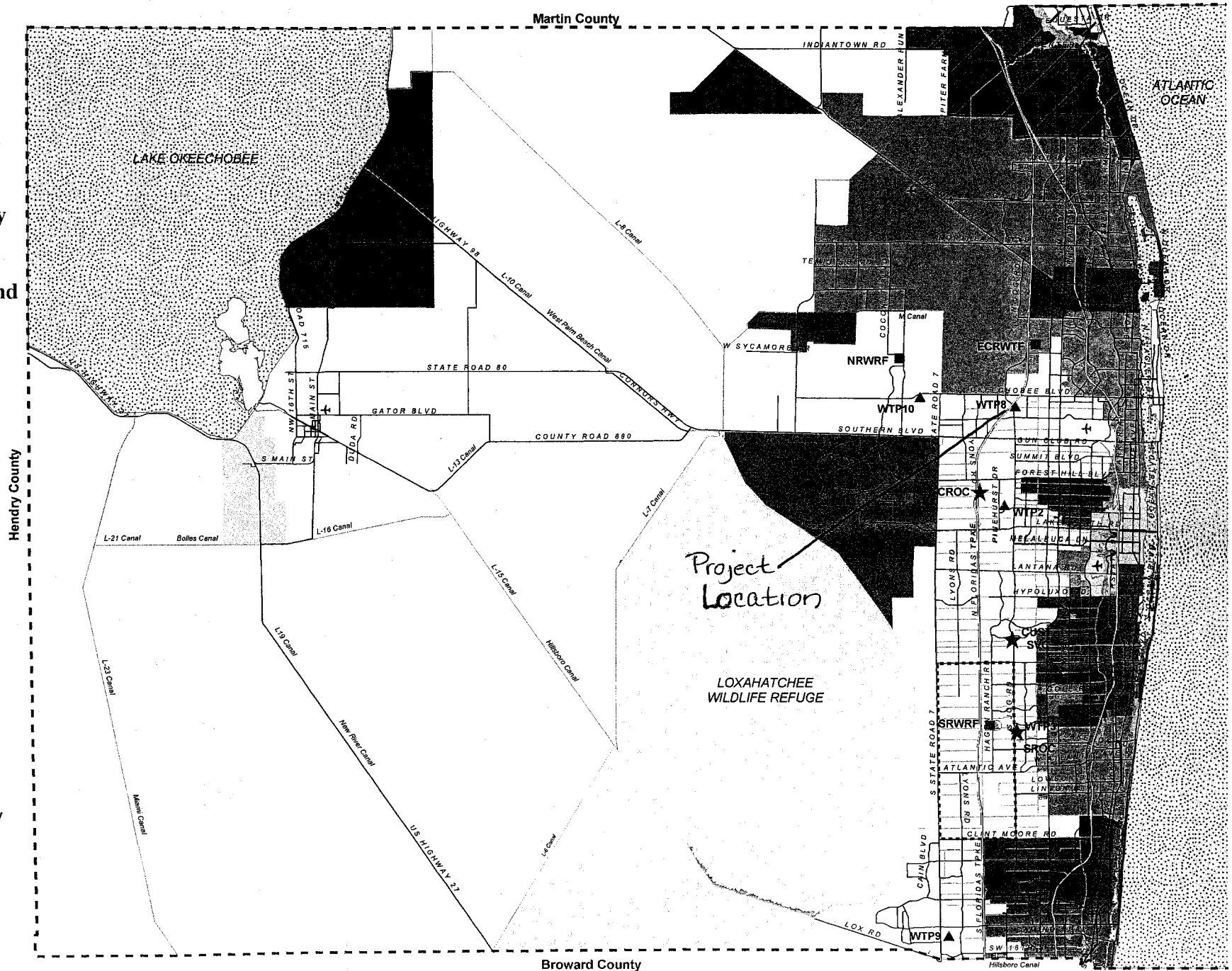
Attachment 1

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.: 2**

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. Relocate existing facilities under proposed filter building. | \$32,006.00 |
| 2. Provide trailer for field office. | \$16,467.40 |
| 3. Furnish and install (F&I) three 16"x 14" eccentric reducers for new transfer pumps. | \$4,137.00 |
| 4. Delete filter rewash piping and add electric operators to filter valves. | (-)\$15,000.00 |
| 5. F&I 30" ductile iron to pre-stressed concrete pipe adapter. | \$6,270.00 |
| 6. F&I a variable frequency drive for High Service Pump #5. | \$84,426.00 |
| 7. F&I two, 24" 45 degree bends on water main to avoid conflict with existing ferric chloride tank. | \$8,312.00 |
| 8. Install containment wall around Bleed Tank | \$8,700.00 |
|
Extend Substantial and Final Completion schedule by 17 days due to work not included in original scope. |
\$0.00 |

Total:	<u>\$145,318.40</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

The Original Contract Sum was	<u>\$18,620,000.00</u>
Net Change by previous Change Orders	<u>(\$1,712,386.46)</u>
The Contract Sum prior to this Change Order was.....	<u>\$16,907,613.54</u>
The Contract Sum will be increased by this Change Order	<u>\$145,318.40</u>
The New Contract Sum indicating this Change Order will be	<u>\$17,052,931.94</u>
The Contract Time will be increased by <u>17</u> days	<u>(17) Days</u>

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

The Date of Substantial Compl. including this Change Order: Dec 13, 2007

The Date of Final Completion including this Change Order:..... Feb. 17, 2008

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

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

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

Address


Address


Address


Signature
Vincent M. Riccobono, P.E.

Signature
Robert J. Sullivan, President

Signature
Addie L. Greene, Chairperson

11-14-06

11-13-06

DATE

DATE

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. 2

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. 2**

SCOPE OF WORK

- 2.1 Relocate existing facilities under proposed filter building (Differing Site Conditions) The excavation for the filter building revealed existing facilities (i.e. piping and electrical duct banks) in conflict with the proposed filter building that must be relocated.
- 2.2 Provide trailer for Palm Beach County Field Office. (Owner Initiated) This trailer provides Palm Beach County staff with an on-site field office to conduct field operations and progress meetings and to store shop drawings and records documenting the construction of the project.
- 2.3 F&I three 16" x 14" reducers for new transfer pumps. (Errors/Omissions in Design) Drawings show a 16" suction line and a 14" pump suction connection at the three new transfer pumps. The reducers are needed to make the connection between the suction pipe and the pump.
- 2.4 Delete filter rewash piping and add electric operators to filter valves. (Owner Initiated) The plant superintendent has no need for the rewash system but for ease of filter system operation wants to include electrically operated filter valves.
- 2.5 F&I a 30-inch ductile iron to pre-stressed concrete pipe adapter (Differing Site Conditions) A proposed 30" water main connection to an existing water main are two different pipe materials. An adapter is needed to make this connection.
- 2.6 F&I a variable frequency drive (VFD) for High Service Pump #5 (Owner Initiated) The design calls for an existing VFD to be reused at High Service Pump #5. The plant manager advised that the existing VFD is old and not reliable. The new VFD will ensure high service pumping system reliability.
- 2.7 F&I two 24" 45 degree bends on water main to avoid conflict with existing ferric chloride tank. (Differing Site Conditions) After completion of the design and prior to the start of construction, plant personnel installed a polymer (ferric chloride) injection system. The ferric chloride tank is in conflict with a proposed water main. The bends are needed to deflect around the tank.
- 2.8 F&I a containment around bleed tank (Errors/Omissions in Design) This tank requires a containment wall which was not shown on the drawings.
- 2.9 Extend Substantial and Final completion times by 17 days due to work not included in original scope.

CHANGE ORDER ADDITIONS/DELETIONS SUMMARY

PROJECT: Water Treatment Plant No. 8
Expansion

APPROVAL LIMITS:

CONTRACTOR: RJ Sullivan Corp.
2001 N.W. 22nd St.
Pompano Bch, Fl. 33069

PROJECT NO.: WUD 05-146

RESOLUTION NO.: R2006-0780

DATE APPROVED: May 2, 2006

CONTRACT AMOUNT: \$18,620,000.00

	DEPARTMENT HEAD	CONTRACT REVIEW COMMITTEE		DEPARTMENT HEAD PLUS CONTRACT REVIEW COMMITTEE	
	(Amount) (Days)	(Amount) (Days)	(Amount) (Days)	(Amount) (Days)	(Amount) (Days)
INDIVIDUAL C.O.	\$50,000.00 25 Days	\$50,000.00 25 Days	\$100,000.00	N/A	
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	Pending	\$145,318.40	\$0.00	0	\$0.00	0	\$0.00	0	\$170,318.40	17	\$170,318.40
TOTAL		(\$1,567,068.05)	0	0	0	0	0	0	\$1,882,704.86	17	\$1,882,704.86

- 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. 2
 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 \$17,052,931.94 Adjusted Participation \$4,677,619.00 Adjusted Percent Participation 27.43%

rj Sullivan
CORP.

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

*C.O. #2
Back-up
Item 2.1*

October 24, 2006

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 Existing Duct Bank @ New Filters

PCO #2D

Dear Mr. Riccobono,

During the excavation of the new filters, we encountered several unforeseen obstacles which had to be removed or relocated. Below is a summary of the costs for this extra work.

Relocate electrical duct bank & pipe lines	\$24,002.76
<u>Remove manhole and repair 4" water line</u>	<u>8,004.00</u>
Total cost of extra work at filters	\$32,006.76

Documentation of the costs for the above work has been previously submitted as PCOs #2B & 2C. A total of 7 calendar days was lost due to these unforeseen conditions. Please include this in the next change order.

Sincerely,



Robert D. Mullen
Project Manager

cc: Proposed Change Order File – Job 305

rj Sullivan
CORP.

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

October 23, 2006

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
Remove Manhole & Repair 4" WM @ New Filters

PCO #2C

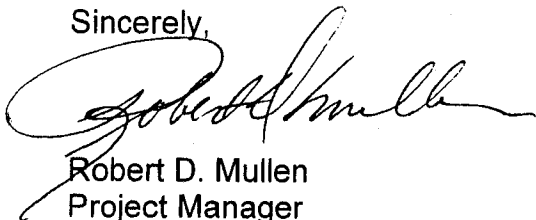
Dear Mr. Riccobono,

As instructed, we have removed the existing sanitary manhole and rerouted the piping that was in conflict with the new filters. We have also repaired the 4" water line that was not shown on the drawings and was damaged during the installation of the sheet piling at the new filters. Our costs for this extra work are as follows.

Labor to remove manhole & reroute piping	\$1,735.00
Equipment to remove manhole	700.00
Labor to repair 4" water line	630.00
Equipment to repair water line	350.00
<u>Subcontractor's Delay Charges</u>	<u>3,625.00</u>
Subtotal	\$7,040.00
5% Markup on Subcontractors	181.00
15% Mark-up on RJS Work	512.00
<u>Additional Bond & Insurance</u>	<u>271.00</u>
Total	\$8,004.00

Copies of our subcontractor's quotation and extra work tickets are enclosed for your reference. We will also need an additional 5 calendar days added to our contract time for the delay caused by this unforeseen condition.

Sincerely,



Robert D. Mullen
Project Manager

72101 8.004 7002

rj Sullivan
CORP.

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

September 26, 2006

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 Existing Duct Bank @ New Filters

PCO #2B

Dear Mr. Riccobono,

We have corrected an error in the summary of extra costs for relocating the existing electrical duct bank. Please refer to the attached spreadsheet. Our revised quotation for this extra work is the sum of \$24,002.76. Please include this in the next Change Order.

Sincerely,



Robert D. Mullen
Project Manager

cc: Proposed Change Order File – Job 305

Palm Beach County WTP #8 Expansion

Relocate Pipe Lines & Duct Banks at the New Filters

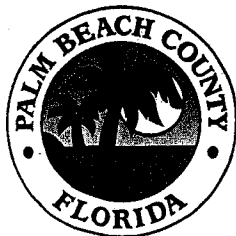
<u>Materials</u>	<u>Vendor</u>	<u>Invoice No.</u>	<u>Amount</u>
PVC Pipe & Fittings	Harrington	03839552	547.11
PVC Pipe & Fittings	Harrington	03839296	416.98
PVC Pipe & Fittings	Harrington	03838946	33.81
PVC Pipe & Fittings	Harrington	03838842	1,818.61
PVC Pipe & Fittings	Hughes	S124000082	588.59
PVC Pipe & Fittings	Hughes	S124198631	419.40
Steel Pipe & Fittings	Hughes	S124623301	266.48
			\$ 4,090.98

<u>Subcontractor</u>	<u>Amount</u>
Edwards Electric	\$ 6,599.00

<u>Date</u>	<u>Labor & Equipment</u>	<u>Operator</u>	<u>Pipe Layer</u>	<u>Laborer</u>	<u>Man Hours</u>	<u>Equip.</u>
7/6/2006	3 men x 4 hours each 580 Case Backhoe	4.0	4.0	4.0	12.0	
7/11/2006	2 men x 2.5 hours each		5.0		5.0	4
7/20/2006	2 men x 8 hours each		16.0		16.0	
8/8/2006	580 Backhoe & Operator	1.0			1.0	1
8/8/2006	1 man x 8 hours		8.0		8.0	
8/10/2006	2 men x 8 hours each	8.0	8.0		16.0	
8/11/2006	2 men x 5 hours each		10.0		10.0	
8/14/2006	2 men x 5 hours each		10.0		10.0	
8/15/2006	2 men x 7 hours each		14.0		14.0	
8/16/2006	4 men x 5 hours each		20.0		20.0	
8/17/2006	Track Hoe + Operator	8.0			8.0	8
	3 men x 8 hours each		24.0		24.0	
	Dumpster Loads				1.0	1
	Jackhammer & Compressor					2
8/18/2006	4 men x 6 hours each		24.0		24.0	
		21.0	143.0	4.0	169.0	16.0

<u>Labor & Equipment Summary</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate</u>	<u>Labor</u>	<u>Equip</u>
Operator	21.0	Hrs	45.00	945.00	
Pipelayer	143.0	Hrs	40.00	5,720.00	
Labor	4.0	Hrs	30.00	120.00	
Dumpster	1.0	Load	400.00		400.00
580 Case Backhoe	5.0	Hrs	40.00		200.00
Trackhoe	8.0	Hrs	75.00		600.00
Jackhammer & Compressor	2.0	Hrs	20.00		40.00
				6,785.00	1,240.00

RJS Supervision 27hr @ 75.00	2,025.00
Material	4,090.98
Labor	6,785.00
Equipment	1,240.00
Subcontractor	6,599.00
Subtotal	20,739.98
15% Mark-Up on RJS Work	2,121.15
5% Mark-Up on Subcontractor	329.95
Additional Bond & Insurance	811.69
Total	\$ 24,002.76



CO#2
Back-up
Item 2.2

August 22, 2006

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

Re: Water Treatment Plant No. 8 Expansion
Project No. WUD 05-146
Work Directive No. 2

Dear Mr. Mullen:

In response to your proposal dated August 18, 2006 (copy attached), you are authorized to provide a construction trailer for the County's use at Water Treatment Plant No. 8.

The trailer set up, and items to be included with the trailer shall be as outlined in your proposal. The cost for a 24 month period shall be \$16,467.40.

If you have any questions, please contact Vince Riccobono at (561) 493-6143

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Shields".

Brian Shields, P. E.
Director of Engineering

cc: Vince Riccobono
Duane Palumbo
Bill Lapinsky
Project File

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**

Tony Masilotti, Chairman

Addie L. Greene, Vice Chairperson

Karen T. Marcus

Jeff Koons

Warren H. Newell

Mary McCarty

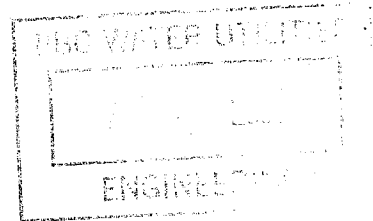
Burt Aaronson

County Administrator

Robert Weisman

rj Sullivan
CORP.

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



August 18, 2006

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
RFP #1, Construction Trailer Rental

PCO #4

Dear Mr. Riccobono,

In accordance with your recent request, we offer the following proposal to provide a leased mobile office trailer for your use for a period of 24 months. Our proposal for this office trailer is as follows.

Rental of Office Trailer & Accessories	\$9,541.92
Delivery, Set-up, Knock Down & Return	3,435.00
Subtotal	\$12,976.92
Sales Tax	858.32
Subtotal	\$13,835.24
Contractor Mark-Up	2,075.29
Additional Bond & Insurance	556.87
Total	\$16,467.40

A copy of our quotation from GE Modular is enclosed for your reference. We have not included blueprints in this proposal. They would only be needed if we are required to obtain a permit to set up this trailer. The office trailer that we have based this proposal on is currently in inventory. This proposal will remain valid as long as the trailer stays in inventory.

Sincerely,

A handwritten signature in black ink that reads "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

**Palm Beach County
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Addie L. Greene, Vice Chairperson

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Jeff Koons

Warren H. Newell

Mary McCarty

Burt Aaronson

County Administrator

Robert Weisman

September 6, 2006

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. 3

Dear Mr. Mullen:

In accordance with your proposal of September 1, 2006 (copy attached) you are authorized to furnish and install 3-16 inch x 14 inch eccentric reducers at the three new transfer pumps as directed in RFI #6 (copy attached). This work shall not exceed \$4,137.00 as outlined in your proposal.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Shields".

Brian Shields, P. E.
Director of Engineering

Cc: Vince Riccobono
Bill Lapinsky
File 05-146

C.O #2
Back-up
Item 2.3

rs Sullivan
CORP.

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

September 1, 2006

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
Add Reducers @ Transfer Pump Suction

PCO #6

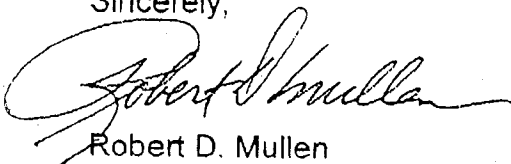
Dear Mr. Riccobono,

In accordance with your response to RFI #6, we will furnish and install a 16" x 14" eccentric reducer at each of the three new transfer pumps. Our quotation for this extra work is as follows.

Material	\$3,236.00
Labor – 6 man hours @ 40.00	240.00
Subtotal	\$3,476.00
Mark-up – 15%	521.00
Additional Bond & Insurance	140.00
Total	4,137.00

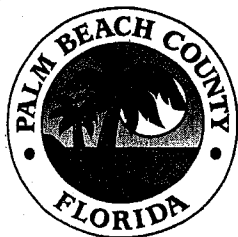
If this proposal meets with your approval, please issue your written acceptance and authorization to proceed.

Sincerely,



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

**Palm Beach County
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Karen T. Marcus
Jeff Koons
Warren H. Newell
Mary McCarty
Burt Aaronson

County Administrator

Robert Weisman

October 20, 2006

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. 4 (Revised)

Dear Mr. Mullen:

Attached is Revised Work Directive No. 4 to delete the Filer Rewash Piping shown on sheet M-7 as directed in RFI #8 and to add electric operators to butterfly valves at the filter piping. This change will result in a credit of \$15,000.

Sincerely,

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

Vincent Riccobono, P. E.
Construction Services Manager

cc: Brian Shields
Bill Lapinsky
Duane Palumbo

C.O. #2
Back-up
Item 2.4

**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.: 4 REVISED

In accordance with your proposal dated October 17, 2006 (copy attached), you are authorized to perform the following scope of work:

Delete the filter re-wash piping shown on Sheet M-7 and add electric operators to the butterfly valves at the filter sweep piping.

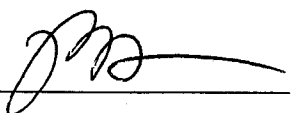
Work shall be performed for a Lump Sum Price of: (-) 15,000.00 (CREDIT)

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.

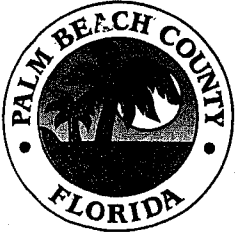
Authorized by:

Brian Shields, P.E. (Name)

Director of Engineering (Title)

 (Signature)

10/20/06 (Date)



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**

Tony Masilotti, Chairman

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Karen T. Marcus

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Mary McCarty

Burt Aaronson

County Administrator

Robert Weisman

September 6, 2006

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. 5

Dear Mr. Mullen:

In accordance with your proposal dated June 27, 2006, this letter authorizes you to furnish and install a 30-inch ductile iron to pre-stressed concrete pipe adapter to extend the 30-inch water main shown on Sheet C-7 of the Drawings.

The price for this work shall not exceed \$6,270.00 as outlined in your proposal (copy attached).

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Shields", is written over a horizontal line.

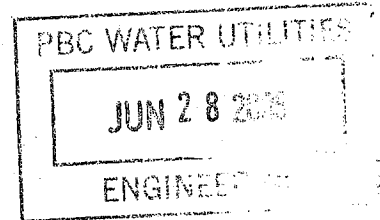
Brian Shields, P. E.
Director of Engineering

Cc: Vince Riccobono
Bill Lapinsky
File WUD 05-146

C.O. #2
Back-up
Item 2.5

rs Sullivan
CORP.

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



June 27, 2006

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

File
WUD 05-146
9.6.2

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

PCO #1

Dear Mr. Riccobono,

As stated in RFI #5, Sheet C-7 shows tying the new 30" DIP extension into the existing 30" WM. However, the existing 30" WM is PCCP, not DIP. As requested, we submit our proposal to furnish and install the appropriate DIP to PCCP adapter as follows.

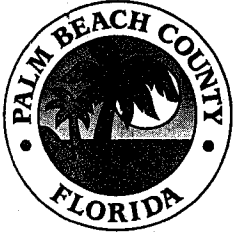
Cost of PCCP Adapter (incl 6 ½% tax)	\$3,568.00
Accessories	100.00
Labor to Install (32 hrs @ 40.00)	1,280.00
Backhoe Rental (4 Hrs @ 75.00)	320.00
<u>Subtotal</u>	<u>\$5,268.00</u>
15% Mark-up	790.00
<u>Additional Bond & Insurance</u>	<u>212.00</u>
Total	\$6,270.00

A copy of Price Brothers quotation is enclosed for your reference. Please note that delivery of this adapter is 8-10 weeks after approval. If this proposal meets with your approval, please issue your written acceptance of this proposal and your authorization for us to proceed.

Sincerely,

Robert D. Mullen
Project Manager

cc: Proposed Change Order File – Job 300



Water Utilities Department
Engineering
P.O. Box 16097
West Palm Beach, FL 33416-6097
(561) 493-6000
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Tony Masilotti, Chairman
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Karen T. Marcus
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Mary McCarty
Burt Aaronson

County Administrator

Robert Weisman

November 13, 2006

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. 6

Dear Mr. Mullen:

Attached is Work Directive No. 6 to furnish and install a VFD for High Service Pump No. 5 (500 H P) for a price of \$84,426.00 in accordance with your proposal dated October 23, 2006 (copy attached)

Sincerely,

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

Vincent Riccobono, P. E.
Construction Services Manager

Cc: Brian Shields
Duane Palumbo
Bill Lapinsky
Larry Johnson
Jim Shamblin
Tim McAleer

C.O. #2
Back-up
Item 2.6

**PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT**

WORK DIRECTIVE

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

Project Name: Water Treatment No. 8 Expansion
Project No.: WUD 05-146
Work Directive No.: 6

In accordance with your proposal dated October 17, 2006 (copy attached), you are authorized to perform the following scope of work:

Furnish and install a VFD for High Service Pump No.5 (500 HP) in accordance with the specifications in the contract documents for VFD's.

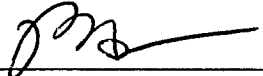
Lump Sum Price: ~~\$80,111.00.~~ *84,426.00* *NR*

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:

Brian Shields, P.E. (Name)

Director of Engineering (Title)



(Signature)

10/18/06

(Date)

rj Sullivan

CORP.

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

October 23, 2006

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
 Replace Existing VFD for High Service Pump #5

PCO #10B

Dear Mr. Riccobono,

In reviewing our proposal dated October 17, 2006, we discovered that we had omitted the sales tax. Therefore we have revised our proposal as follows. We propose proposal to remove the existing VFD for the existing High Service Pump #5 and replace it with a new VFD to match the other unit being provided on this project. The replacement VFD will be used to operate the relocated 500HP HSP #5 in its new location as HSP #1. This proposal is based upon reusing the existing conduit & wire. No new concrete pads are included. If additional conduit, wire or concrete work is needed, additional costs will apply. Our quotation for this extra work is as follows.

New VFD	\$60,000.00
Sales Tax	3,625.00
R J Sullivan Labor to unload & set in place	320.00
Equipment to unload & set in place	300.00
<u>Subtotal RJS Work</u>	<u>\$64,245.00</u>
15% Mark-up on RJS Work	9,637.00
Electrical Installation (Subcontractor)	7,323.00
<u>5% Mark-up on Subcontractor</u>	<u>366.00</u>
<u>Subtotal</u>	<u>\$81,571.00</u>
<u>Additional Bond & Insurance</u>	<u>2,855.00</u>
<u>Total</u>	<u>\$84,426.00</u>



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Robert Weisman

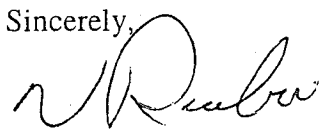
October 18, 2006

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. 7

Dear Mr. Mullen:

Attached is Work Directive No. 7 to furnish and install (2) 24-inch MJ 45 degree bends on the proposed 24-inch water main to avoid a conflict with the recently installed ferric chloride tank for a price of \$8,312.00 in accordance with your proposal dated October 6, 2006.

Sincerely,


Vincent Riccobono, P. E.
Construction Services Manager

cc: Brian Shields
Duane Palumbo
Bill Lapinsky
Jim Shamblin

C.O. #2
Back-up
Item 2.7

**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 Treatment No. 8 Expansion
Project No.: WUD 05-146
Work Directive No.: 7

In accordance with your proposal dated October 6, 2006 (copy attached) you are authorized to perform the following scope of work:

Furnish and install two (2) 24-inch MJ 45 degree bends with megalugs on the proposed 24-inch water main in order to avoid a conflict with a recently installed ferric chloride tank by Palm Beach County.

Lump Sum Price: \$8,312.00

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:

Brian Shields (Name)

Director of Engineering (Title)



(Signature)

10/18/06 (Date)

rj Sullivan
CORP.

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

October 6, 2006

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
Reroute New 24" WM @ Temporary Ferric Chloride Tank

PCO #11

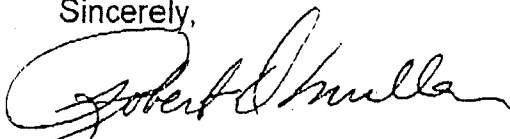
Dear Mr. Riccobono,

As described in our RFI #33, the County has installed a temporary ferric chloride tank in the way of the new 24" WM that runs from an existing 30" WM to the new Anionic Resin Exchange System. In order to avoid the tank, we will need to use two 45° bends and run the new line diagonally until it clears the tank. Our quotation to perform this extra work is as follows.

Two 24-inch MJ 45° bends with megalugs	4,933.00
Labor to Install	1,450.00
<u>Backhoe</u>	<u>600.00</u>
Subtotal	\$6,983.00
Mark-up – 15%	1,048.00
<u>Additional Bond & Insurance</u>	<u>281.00</u>
Total	\$8,312.00

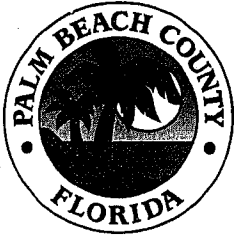
If you would like for us to perform this extra work, please issue your written acceptance and authorization to proceed.

Sincerely,



Robert D. Mullen
Project Manager

cc: Proposed Change Order File – Job 305



Water Utilities Department
Engineering
P.O. Box 16097
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**Palm Beach County
Board of County
Commissioners**

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Karen T. Marcus

Jeff Koons

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Mary McCarty

Burt Aaronson

County Administrator

Robert Weisman

October 20, 2006

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. 8

Dear Mr. Mullen:

Attached is Work Directive No. 8 to install containment walls around the bleed tank for the above referenced project for a price of \$8,700.

Sincerely,

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

Vincent Riccobono, P. E.
Construction Services Manager

cc: Brian Shields
Duane Palumbo
Bill Lapinsky
File 05-146

C.O. #2
Back-up
Item 2.8

**PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT**

WORK DIRECTIVE

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

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

In accordance with your proposal dated October 17, 2006 (copy attached) you are authorized to perform the following scope of work.

Construct containment walls around Bleed Tank as shown on the Waste Tank detail on Sheet S-18 of the Drawings in accordance with your proposal, dated October 17, 2006 (copy attached).


Lump Sum Price: \$8,700.00

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:

Brian Shields (Name)

Director of Engineering (Title)



(Signature)

10/20/06 (Date)