

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: April 17, 2012 Consent [X] Regular []
Public Hearing []

Department: Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Change Order No. 8 to the Contract with John J. Kirlin LLC. (R2010-1038) for the Water Treatment Plant (WTP) No. 2 MIEX Treatment System decreasing the contract price by (\$7,733.92) and increasing the contract time by 78 calendar days.


Summary: On March 9, 2010, the Board of County Commissioners (Board) approved the contract with John J. Kirlin LLC. (R2010-1038) for the WTP No. 2 MIEX Treatment System. This Change Order No. 8 authorizes the Contractor to modify the scope of work due to changed field conditions. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15% overall. This Change Order includes zero SBE participation. The contract with John J. Kirlin LLC. provides for SBE participation of 15.3%. The cumulative SBE participation, including this Change Order is 15.3% overall. (WUD Project No. 09-046) District 2 (JM)

Background and Justification: The Ozone treatment system at WTP No. 2 is reaching the end of its useful life and spare parts are no longer available. The anionic exchange system will produce higher quality water compared to ozone treatment and will reduce both chemical usage and energy consumption. On March 9, 2010, the Board approved contract with John J. Kirlin LLC. (R2010-1038), allowing the County to Construct the Miex treatment system at the WTP No. 2. This Change Order No. 8 will provide additional work for additions and deletions due to changed field conditions, and increasing the contract time by 78 calendar days.

Attachments:

- 1. Location Map
- 2. Two (2) Original Change Order No.8

Recommended By:  4/10/2012
Department Director Date

Approved By:  4/13/12
Assistant County Administrator Date

II. FISCAL IMPACT ANALYSIS

Fiscal Years	2012	2013	2014	2015	2016
Capital Expenditures	<u>(\$ 7,733.92)</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>(\$ 7,733.92)</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 No.: Fund 4011 Dept 721 Unit WO02 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 (1) time capital expenditure from Water Utilities Department user fees, connection 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:

New Contract cost after change order will be \$ 3,430,450.60 and Final completion date is now April 30, 2012

[Signature] 4/15/12
OFMB

[Signature] 4/10/12
Contract Development and Control

B. Legal Sufficiency:

[Signature] 4/13/12
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.



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

WUD 09-046

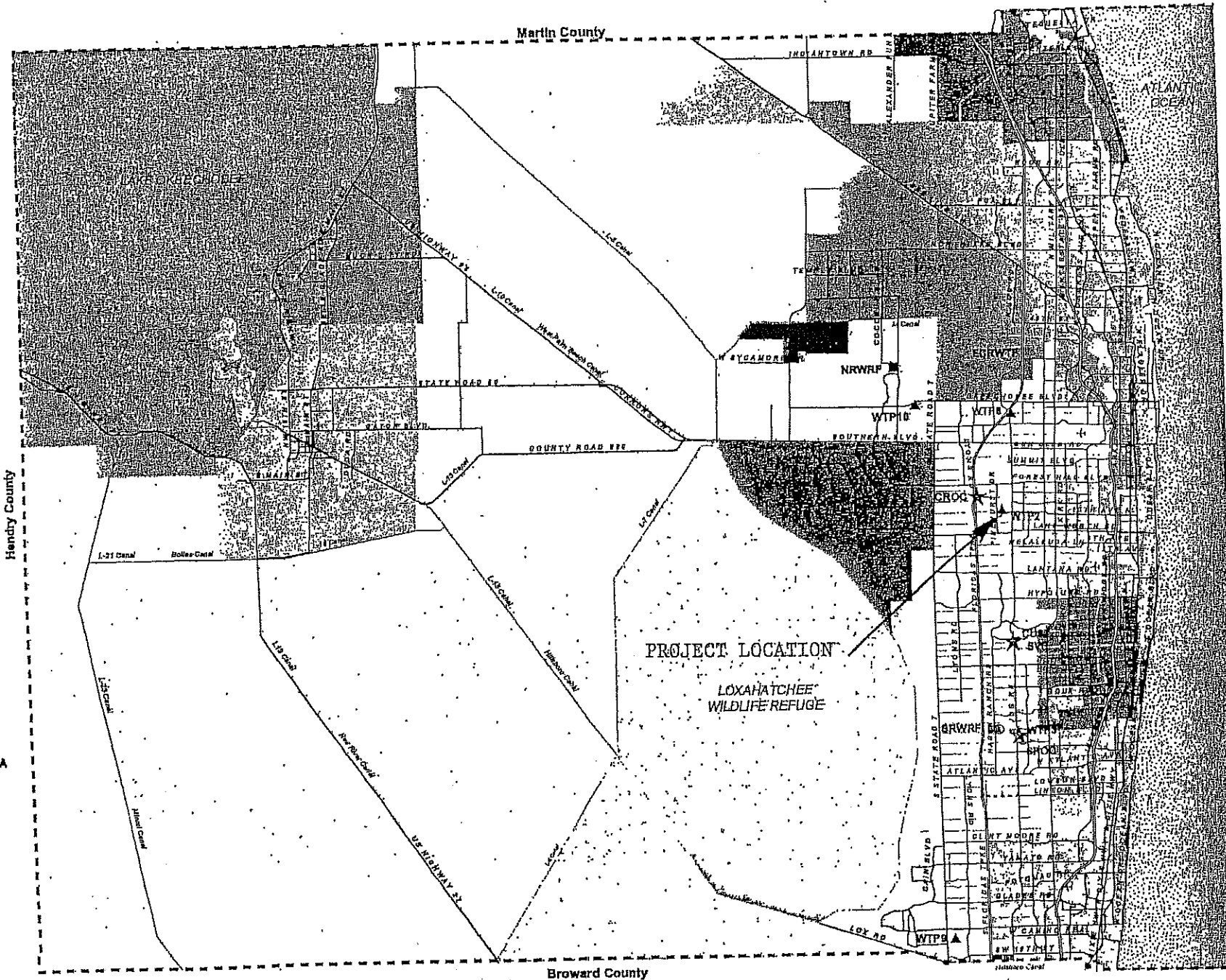
Attachment 1

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: SYSTEM # 2 Water Treatment Plant MIEX Treatment SYSTEM
WATER UTIL. DEPT. PROJECT NO. WUD 09-046
DISTRICT NUMBER: 2
CHANGE ORDER NO.: Eight(8)

TO:	DOCUMENT NO.	R2010-1038
John J. Kirlin, LLC	CONTRACT DATE:	June 29, 2010
3125 W. Commercial Blvd.	NOTICE TO PROCEED:	Aug. 28, 2006
Ft. Lauderdale, FL. 34232	BUDGET LINE ITEM:	4011-721-W002-6541

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

8.1 Modification to Miex basin access ladders (JJK#27)	\$4,678.64
8.2 Additional time due to weather delay during the painting of the Miex basin. (JJK#26R)	0.00
8.3 Delay due to suppliers tube settlers defect. (JJK#25R)	0.00
8.4 Miex basin cover support Modification. (JJK#28)	\$7,564.96
8.5 Credit C.O. # 5 line item 5.2 alternate Bid 2A and 2B	(\$24,000.00)
8.6 Miex basin Performance test modification. (JJK#29R)	\$5,672.48
8.7 Sod Credit. (JJK#30)	(\$1,650.00)
	TOTAL (\$7,733.92)

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>\$4,985,000.00</u>
Net Change by previous Change Orders	<u>(1,546,815.48)</u>
The Contract Sum prior to this Change Order was	<u>\$3,438,184.52</u>
The Contract Sum will be decreased by this Change Order	<u>\$(7,733.92)</u>
The New Contract Sum indicating this Change Order will be ...	<u>\$3,430,450.60</u>
The Contract Time for will be increased by 78 days	<u>78 Days</u>
The Date of Substantial Compl. Including this Change Order:	<u>Feb 27, 2012</u>
The date of Final Compl. Including this Change Order:	<u>Apr 30, 2012</u>

System No 2 Water Treatment Plant
Miex Treatment System
Project No. WUD 09-046
District Number: 2
Contract No. R2010-1038
Change Order No. Eight(8)

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) CONSTITUTES IN WHOLE OR PART, A CARDINAL CHANGE TO THE
CONTRACT.

Palm Beach County

John J. Kirlin Inc

PALM BEACH COUNTY
A POLITICAL SUBDIVISION OF THE
STATE OF FLORIDA
BOARD OF COUNTY COMMISSIONERS
OF PALM BEACH COUNTY, FLORIDA

Joseph Tanacredi, P.E.

Homer Gregorian, VP

Shelley Vana, Chair

ENGINEER

CONTRACTOR

OWNER:

P.O. Box 16097

3125 Commercial Blvd

Address

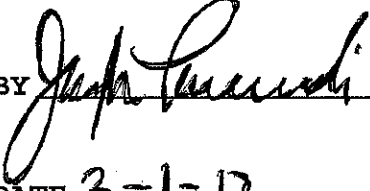
Address

Address

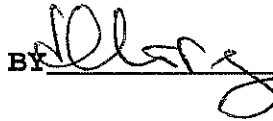
WPB, FL 33416

Ft. Lauderdale, FL 334232

BY



BY



BY

DATE 3-1-12

DATE 3-9-12

DATE

BY 3/15/12

Approved as to Form and Legal Sufficiency

By:

County Attorney

Attest: Sharon R. Bock, Clerk and Comptroller

By:

Deputy Clerk

System No 2 Water Treatment Plant
Miex Treatment System
Project No. WUD 09-046
District Number: 2
Contract No. R2010-1038
Change Order No. Eight(8)

CHANGE ORDER CATEGORIZATION

<input checked="" type="checkbox"/> OWNER INITIATED	<input type="checkbox"/> QUANTITY OVERRUNS/UNDER-RUNS
<input type="checkbox"/> DIFFERING SITE CONDITIONS	<input type="checkbox"/> REQUEST BY ANOTHER AGENCY/OUTSIDE
<input checked="" type="checkbox"/> ZONING/CODE/ORDINANCE CHANGES	<input type="checkbox"/> A. REIMBURSABLE
<input checked="" type="checkbox"/> ERRORS/OMISSIONS/IN DESIGN	<input type="checkbox"/> B. NON-REIMBURSABLE

System No 2 Water Treatment Plant
Miex Treatment System
Project No. WUD 09-046
District Number: 2
Contract No. R2010-1038
Change Order No. Eight (8)

SCOPE OF WORK

- 8.1 Modification to the access ladders in the Miex basin. The original design needs to be modified due to relocation of the access into the lower basin. (Errors/Omission)
6 days
- 8.2 Additional time will be granted due to rain. The painting contract was unable to coat the basin during poor weather conditions. As agreed, this delay was unforeseen and the contractor is entitled to time only. (Owner Initiated) 19 days
- 8.3 Additional time is requested due to the County suppliers error in fabrication of the tube settlers in the miex basins. As agreed this error was unforeseen and the contractor had identified this error prior to the installation of the tube settlers. (Errors/Omissions) 14 days
- 8.4 Modification to the Miex basin covers do to the change in the structural concrete T-beam to meet the building code steel reinforcement cover requirements (Zoning/code) 9 days
- 8.5 Credit C.O. # 5 line item 2.5 from alternate bid 2A and 2B. The line item was incorrectly added when it was a deduct as out lined in the original contract schedule of values. (Owner Initiated)
- 8.6 Contractor was requested to add two orifice plates in Miex basins to prevent excessive bubbling in the basins. (Owner Initiated)
- 8.7 Credit for used sod by contractor. (Owner Initiated)

- Note these are work days (48) which equals 78 Calendar days

System No 2 Water Treatment Plant
Miex Treatment System
Project No. WUD 09-046
District Number: 2
Contract No. R2010-1038
Change Order No. Eight(8)

SUMMARY

<u>C.O. #</u>	<u>DESCRIPTION</u>	<u>ADDITIONS</u>	<u>(DELETIONS)</u>	<u>NET CHANGE</u>
87.1	Access ladder	4,678.93		4,678.93
8.2	Time delay Weather	0.00		0.00
8.3	Delay by Supplier	0.00		0.00
8.4	Cover modification	7,564.96		7,64.96
8.5	Credit on C.O. # 5		(24,000.00)	(24,000.00)
8.6	Additional work	5,952.45		5,672.48
8.7	Sod credit		(1,650.00)	
	Total			(\$7,733.92)

CHANGE ORDER ADDITIONS/DELETIONS SUMMARY

PROJECT:	Miex @ WTP # 2	<u>APPROVAL LIMITS:</u>						
CONTRACTOR:	John J. Kirilin LLC.	DEPARTMENT HEAD	CONTRACT REVIEW COMMITTEE	DEPARTMENT HEAD PLUS CONTRACT REVIEW COMMITTEE				
PROJECT NO.:	09-046	(Amount)	(Days)	(Amount)	(Days)	(Amount)	(Days)	
RESOLUTION:	R2010-1038	INDIVIDUAL C.O.	\$50,000.00	16 Days	\$100,000.00	33 Days	\$0	0 Days
DATE APPROVED:	06/29/10	CUMMULATIVE C.O.	\$25,000.00	33 Days	\$100,000.00	33 Days	\$200,000.00	63 Days
CONTRACT AMOUNT:	\$4,985,000.00							

CO	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	
001	6/29/10	847,448.00	0	0	0	0	0	0	847,448.00	0	847,448.00
002	6/29/10	(2,803,005.00)	0	0	0	0	0	0	(2,803,005.00)	0	(2,803,005.00)
003	3/10/11	10,220.58	10,220.58	0	0	0	10,220.58	0	0	0	10,220.58
004	4/20/11	3,636.41	0	0	3,636.41	18	3,636.41	18	0	0	3,636.41
005	7/16/11	385,336.38	0	0	0	0	0	0	385,336.38	50	385,336.38
006	8/31/11	8,089.51	0	0	8,089.51	15	8,089.51	15	0	0	8,089.51
007	1/25/12	1,458.64	1,458.64	0	0	0	1,458.64	0	0	0	1,458.64
008	pending	(7,733.92)	0	0	0	0	0	0	(7,733.92)	78	(7,733.92)
TOTAL		(1,554,549.40)	11,679.22	0	11,725.92	33	23,405.14	33	(1,577,954.54)	128	(1,554,549.40)

Notes:

1. Net Change reflects the net amount of additions plus deductions.
2. Adds plus Deducts reflects the net value of unrelated changes for use in determining the approval authority for the Change Order.
3. Liquidated Damages = \$1500 (Prior to Substantial Completion) and = \$ 750 (After Substantial Completion).

SCHEDULE 1

PARTICIPATION BY SBE/WBE SUBCONTRACTORS

PROJECT NAME: Miex @ WTP # 2 09-046

NAME OF PRIME CONTRACTOR: John J Kirlin LLC Change Order NO. 8

CONTACT PERSON: Homer Gregorian PHONE NO: 954-739-8100 FAX NO. 954-739-3971

Change Order: 8 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	<u>\$4,985,000.00</u>	Original Participation	<u>\$762,783.30</u>	Percent Participation	<u>15.30</u>
Adjusted Contract Amount	<u>\$3,430,450.60</u>	Adjusted Participation	<u>\$894,900.75</u>	Adjusted Percent	<u>25.93</u>

M/WBE



Mr. Joseph Tanacredi, PE
Palm Beach County Water Utilities Dept.
8100 Fores Hill Blvd
West Palm Beach, FL 33401

01/16/12

Re: Contactor Access Modification
Subj: JJK # 27 ✓


Dear Mr. Tanacredi

We herewith submit our proposal for the performance of the subject work. Our direct cost and allowable mark-ups for this work is \$4,385.35 and is detailed on the enclosed breakdown sheet.

Please be advised that this proposal is good for a period of (30) days.

If this proposal meets with your approval, please issue a Change Order to reflect the additional cost and six (6) working days time extension depicted above.

6 Calendar days


H. Gregorian
Vice President Environmental

1-16-12

cc. Carollo, B. Lapinsky, Jr., B. Major, F. Williams

Florida Division: 3125 W. Commercial Blvd, Suite 200, Ft. Lauderdale, FL 33309
954-7398100. Pre-739-3971 fax www.jjklc.com

Tampa · West Palm Beach · Miami · Ft. Myers

**PROPOSAL
SPREAD SHEET**

1/16/2012

MIEX SYS @ WTP # 2A
John J. Kirlin, LLC
Job # 4275

Contractor Access
RE: Modification
JJK # 27

DESCRIPTION	HOURS	UNIT PRICE	TOTAL COST	TOTAL
Materials			\$292	
Prime Purchase Orders			\$0	
6.0% Tax			\$17.50	
SUB-TOTAL			\$309.24	\$309.24
SUBCONTRACTOR'S				
Proshell			\$0	
SUB-TOTAL			0.00	0.00
EQUIPMENT RENTAL				
(See Attached Worksheet)			\$1,080	
Sales Tax			\$0.00	
SUB-TOTAL			\$1,080.00	\$1,080.00
LABOR				
Plumber Labor	MD		2370.00	
SUB-TOTAL			2370.00	
Overhead Burden		0.00%	0.00	
TOTAL LABOR			\$2,370.00	\$2,370.00
JOB COSTS				
PERMIT FEE SCHEDULE	0%		\$0	
GENERAL CONDITIONS	0%		\$0.00	
SUB-TOTAL			\$0.00	0.00
TOTAL COST				3,759.24
JJK O.H.	10.00%			375.92
SUBTOTAL				4,135.17
PROFIT	5%			206.76
SUBTOTAL				4,341.93
BOND	1%			43.42
TOTAL				\$4,385.35

(A)
MATERIAL

QT	U/T	SIZE			DESCRIPTION	UNIT PRICE	TOTAL PRICE	
8	LF		3"	3"	2'	SS Angles	\$15.00	\$120.00
4	ea			0.5"	2"	SS Bolts	\$1.99	\$7.96
2	ea			5/8		Eye Bolt	\$27.19	\$54.38
								\$0.00

Grand Total Material "A" \$182.34
 6.0% SALES Tax \$109.40
 SuBTOTAL Mat. \$291.74

(B)
LABOR

QT	U/T	SIZE			DESCRIPTION	UNIT PRICE	TOTAL PRICE	
6.0	MD					Removal,Cutting Reinstallation	395.00	2,370.00

Grand Total MATERIAL "B" 2,370.00

(C)
EQUIPMENT

QT	U/T	SIZE			DESCRIPTION	UNIT PRICE	TOTAL PRICE	
1	Days					40 Tons Crane	1,080.00	1,080.00
								-
								-
								-

Grand Total MATERIAL "C" 1,080.00

(D)
SUBCONTRACTORS

QT	U/T	SIZE			DESCRIPTION	UNIT PRICE	TOTAL PRICE	
						N/A		-
								-

Grand Total SUBCONTRACTORS "D" -

SUMMARY

Grand Total MATERIAL "A"	\$182.34
Grand Total Labor "B"	2,370.00
Grand Total EQUIPMENT "C"	1,080.00
Grand Total SUBCONTRACTOR "D"	-
Grand total not including OH/Profit/CELL	\$3,632.34



Mr. Joseph Tanacredi, PE
Palm Beach County Water Utilities Dept.
8100 Fores Hill Blvd
West Palm Beach, FL 33401

01/12/12

Re: Delay Cost Due to the special
Coating

Subj: JJK # 26R

Dear Mr. Tanacredi

We herewith submit our proposal for the performance of the subject work. Our direct cost and allowable mark-ups for this work is ~~\$47,708.67~~ and is detailed on the enclosed breakdown sheet.

14 days Only
19 Calendar days

Please be advised that this proposal is good for a period of (30) days.

If this proposal meets with your approval, please issue a Change Order to reflect the additional cost and thirty three (33) days time extension depicted above.

Delivery of the replacement tube settlers took only one week. However, due to different sizes of the tube settlers from the original Contract Documents the existing tube settlers in the connectors needed to be taken out and rearranged (Additional 7 days). From the total of thirty-three (33) calendar days, 14 days delay was due to the special coating and the remaining ~~19~~ days delay was due to the replacement of the tube settlers.

In addition, if there is any additional charges or liquidated damages assessed by the Owner, these must be added to the back charges. (Proposal JJK # 25)

H. Gregorian
H. Gregorian

Vice President Environmental

cc. Carollo, B. Lapinsky, Jr., B. Major, F. Williams

Enclosed; Pg 2, 3 of the Proposal, Direct Cost Breakdown, Labor Distribution, Southland painting letter, JJK Daily Log/h/Weather reports, Eq. Rental Invoice, Construction Updated Schedule.

Florida Division: 3125 W. Commercial Blvd, Suite 200, Ft. Lauderdale, FL 33309
954-7398100. Pre-739-3971 fax www.jjklc.com

Tampa · West Palm Beach · Miami · Ft. Myers

**PROPOSAL
SPREAD SHEET**

1/12/2012

MIEX SYS @ WTP # 2A
John J. Kirlin, LLC
Job # 4275

Delay Cost Due to the
RE: special Coating
JJK # 26R

DESCRIPTION	HOURS	UNIT PRICE	TOTAL COST	TOTAL
Materials			\$0	
Prime Purchase Orders			\$0	
6.0% Tax			\$0.00	
SUB-TOTAL			\$0.00	\$0.00
SUBCONTRACTOR'S				
Proshell			\$0	
SUB-TOTAL			0.00	0.00
EQUIPMENT RENTAL				
(See Attached Worksheet)			\$19,339	
Sales Tax			\$0.00	
SUB-TOTAL			\$19,339.30	\$19,339.30
LABOR				
Plumber Labor	MD		0.00	
SUB-TOTAL			0.00	
Overhead Burden		0.00%	0.00	
TOTAL LABOR			\$0.00	\$0.00
JOB COSTS				
PERMIT FEE SCHEDULE	0%		\$0	
GENERAL CONDITIONS	0%		\$21,557.93	
SUB-TOTAL			\$21,557.93	21,557.93
TOTAL COST				40,897.23
JJK O.H.	10.00%			4,089.72
SUBTOTAL				44,986.95
PROFIT	5%			2,249.35
SUBTOTAL				47,236.30
BOND	1%			472.36
TOTAL				\$47,708.67

(A)
MATERIAL

QT.	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
Grand Total Material "A"					\$0.00
6.0% SALES Tax					\$0.00
SuBTOTAL Mat.					\$0.00

(B)
LABOR

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1.0	LS		Direct Cost See attached Break Down	21,557.93	21,557.93
Grand Total MATERIAL "B"					21,557.93

(C)
EQUIPMENT

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
14	Days		40 Tons Crane	1,080.00	15,120.00
14	Days		Man Lift	88.24	1,235.40
14	Days		Lull	133.14	1,863.90
14	Days		Combination	80.00	1,120.00
Grand Total MATERIAL "C"					19,339.30

(D)
SUBCONTRACTORS

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
			N/A		-
Grand Total SUBCONTRACTORS "D"					-

SUMMARY

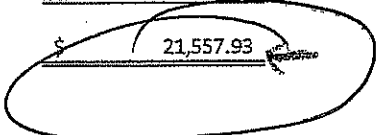
Grand Total MATERIAL "A"	\$0.00
Grand Total Labor "B"	21,557.93
Grand Total EQUIPMENT "C"	19,339.30
Grand Total SUBCONTRACTOR "D"	-
Grand total not including OH/Profit/CELL	\$40,897.23



1/12/2012 Revised

System #2 WTP MIEX TREATMENT SYSTEM
 JJK PROJECT #4275
 Monthly Extended Direct Costs

COST	COST	VENDOR	DESCRIPTION	AVE MONTHLY COST
32000		VERIZON FL	SUPER & PM	\$ 140.00
		WINDSTREAM		\$ 250.00
33000		S&S national waste	TRASH	\$ 375.00
34000		CONNEX W TOOLS	TRAILER DEP PLUS TOOLS	\$ 150.00
35000		WILLIAMS SCOTSMAN	TRAILERS	\$ 209.39
36000		In & Out Portables	Temporary sanitary materials	\$ 344.50
37000		FLEET FUELING	COMPANY VEHICLE GAS	\$ 864.00
4000		Internal Tool Rentals	Internal Tool Rentals	\$ 991.46
43000		AUTO ALLOWANCE	PM AND SUPER	\$ 850.00
48000		OFFICE PERSONNEL COST	PM SALARY & PE	\$ 15,172.23
49000		SKAGS, IKON, UNIS	SUPPLIES, SHIPPING, OFFICE MACHINES	\$ 363.75
81000		BOB MAJOR	INCLUDES FRINGE & BURDEN	\$ 11,086.71
MONTHLY COSTS				\$ 30,797.04
			Daily Rates based on 20 days per month	\$ 1,539.85
		Delay Dut to Orica	19 Days of Delay	\$ 29,257.19
		Delay Dut to Special Coating	14 Days of Delay	\$ 21,557.93





Mr. Joseph Tanacredi, PE
Palm Beach County Water Utilities Dept.
8100 Fores Hill Blvd
West Palm Beach, FL 33401

01/12/12

Re: Back Charges to Orica for SS
Hardware

Subj: ~~JJK # 25R~~

Dear Mr. Tanacredi

We herewith submit our proposal for the performance of the subject work. Our direct cost and allowable mark-ups for this work is ~~\$63,654.99~~ and is detailed on the enclosed breakdown sheet.

Count Only
19 days
27 calendar days

Please be advised that this proposal is good for a period of (30) days.

If this proposal meets with your approval, please issue a Change Order to reflect the additional cost and thirty three (33) days time extension depicted above.

Delivery of the replacement tube settlers took only one week. However, due to different sizes of the tube settlers from the original Contract Documents the existing tube settlers in the connectors needed to be taken out and rearranged (Additional 7 days). From the total of ~~thirty three (33)~~ calendar days, ~~19~~ days delay was due to the special coating and the remaining 19 days delay was due to the replacement of the tube settlers.

In addition, if there is any additional charges or liquidated damages accessed by the Owner, these must be added to the back charges. (Proposal JJK # 25)

H. Gregorian 1-12-12
H. Gregorian
Vice President Environmental

cc. Carollo, B. Lapinsky, Jr., B. Major, F. Williams

Enclosed: Pg 2, 3 of the Proposal, Direct Cost break down, Labor Distribution, Southland painting letter, JJK Daily Log/~~Weather reports~~, Eq. Rental Invoice, Construction Updated Schedule.

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954-7398100. Pre-739-3971 fax www.jjkllc.com

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**PROPOSAL
SPREAD SHEET**

1/12/2012

MIEX SYS @ WTP # 2A
John J. Kirlin, LLC
Job # 4275

Back Charges to Orca
RE: for SS Hardware
JJK # 25R

DESCRIPTION	HOURS	UNIT PRICE	TOTAL COST	TOTAL
Materials			\$1,166	
Prime Purchase Orders			\$0	
6.0% Tax			\$69.98	
SUB-TOTAL			\$1,236.36	\$1,236.36
SUBCONTRACTOR'S				
Proshell			\$0	
SUB-TOTAL			0.00	0.00
EQUIPMENT RENTAL				
(See Attached Worksheet)			\$21,499	
Sales Tax			\$0.00	
SUB-TOTAL			\$21,499.32	\$21,499.32
LABOR				
Plumber Labor	MR		2574.00	
SUB-TOTAL			2574.00	
Overhead Burden		0.00%	0.00	
TOTAL LABOR			\$2,574.00	\$2,574.00
JOB COSTS				
PERMIT FEE SCHEDULE	0%		\$0	
GENERAL CONDITIONS	0%		\$29,257.19	
SUB-TOTAL			\$29,257.19	29,257.19
TOTAL COST				54,566.87
JJK O.H.	10.00%			5,456.69
SUBTOTAL				60,023.56
PROFIT	5%			3,001.18
SUBTOTAL				63,024.74
BOND	1%			630.25
TOTAL				\$63,654.99

GC : JOHN J. KIRLIN LLC

1/12/2012

RE : Back Charges to Orica for SS Hardware, Repia. of the Tube Settlers
Job # 4275

Proposal JJK # 25R

(A)

MATERIAL

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
32	ea	5/8 7	Wedge Anchors	\$12.95	\$414.40
84	ea	1/2 2	Re Gen Tanks Man way Bolts & Nuts	\$1.99	\$167.16
32	ea	5/8 4	Wedge Anchors	\$2.15	\$68.80
100	ea	1/2 6	Wedge Anchors	\$4.50	\$450.00
					\$0.00
Grand Total Material "A"					\$1,100.36
6.0% SALES Tax					\$66.02
SubTOTAL Mat.					\$1,166.38

(B)
LABOR

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
4.0	MD		Mech Crew, Mod 24 ea Tube Settlers	395.00	1,580.00
2.0	MD		Mech Crew, Insulation and repair of copper piping @ Re Gen	395.00	790.00
1.0	HR		Loding & Unloading Tube Settlers	49.38	49.38
0.5	MD		Additional work as per detail M-11	395.00	197.50
Labor Burden					994.41
Grand Total MATERIAL "B"					2,574.41

(C)
EQUIPMENT

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
14	Days		Man lift	88.24	1,235.36
14	Days		Lull	133.14	1,863.96
14	Days		14 days delay	80.00	1,120.00
16	Days		Two days work+14 days delay	1,080.00	17,280.00
Grand Total MATERIAL "C"					21,499.32

(D)
SUBCONTRACTORS

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
Grand Total SUBCONTRACTORS "D"					-

SUMMARY

Grand Total MATERIAL "A"	\$1,166.38
Grand Total Labor "B"	2,574.41
Grand Total EQUIPMENT "C"	21,499.32
Grand Total SUBCONTRACTOR "D"	-
Grand total not including OH/Profit/CELL	\$25,240.11

Orica



1/12/2012 Revised

System #2 WTP MIEX TREATMENT SYSTEM
 JJK PROJECT #4275
 Monthly Extended Direct Costs

COST	COST	VENDOR	DESCRIPTION	AVE MONTHLY COST
32000		VERIZON FL	SUPER & PM	\$ 140.00
		WINDSTREAM		\$ 250.00
33000		S&S national waste	TRASH	\$ 375.00
34000		CONNEX W TOOLS	TRAILER DEP PLUS TOOLS	\$ 150.00
35000		WILLIAMS SCOTSMAN	TRAILERS	\$ 209.39
36000		In & Out Portables	Temporary sanitary materials	\$ 344.50
37000		FLEET FUELING	COMPANY VEHICLE GAS	\$ 864.00
4000		Internal Tool Rentals	Internal Tool Rentals	\$ 991.46
43000		AUTO ALLOWANCE	PM AND SUPER	\$ 850.00
48000		OFFICE PERSONNEL COST	PM SALARY & PE	\$ 15,172.23
49000		SKAGS, IKON, UNIS	SUPPLIES, SHIPPING, OFFICE MACHINES	\$ 363.75
81000		BOB MAJOR	INCLUDES FRINGE & BURDEN	\$ 11,086.71
			MONTHLY COSTS	\$ 30,797.04
			Daily Rates based on 20 days per month	\$ 1,539.85
		Delay Dut to Orica	19 Days of Delay	\$ 29,257.19
		Delay Dut to Special Coating	14 Days of Delay	\$ 21,557.93



Mr. Joseph Tanacredi, PE
Palm Beach County Water Utilities Dept.
8100 Fores Hill Blvd
West Palm Beach, FL 33401

02/02/12

Re: Mod. Of the FRP Cover
Supports
Subj: JJK # 28 ✓

Dear Mr. Tanacredi

We herewith submit our proposal for the performance of the subject work. Our direct cost and allowable mark-ups for this work is \$7,564.96 and is detailed on the enclosed breakdown sheet.

Please be advised that this proposal is good for a period of (30) days.

If this proposal meets with your approval, please issue a Change Order to reflect the additional cost and ~~Zero (0)~~ working days time extension depicted above.

17 days

13 Calendar days

H. Gregorian 203-12

H. Gregorian
Vice President Environmental

cc. Carollo, B. Lapinsky, Jr., B. Major, F. Williams

Florida Division: 3125 W. Commercial Blvd, Suite 200, Ft. Lauderdale, FL 33309
954-7398100. Pre-739-3971 fax www.jjklc.com

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**PROPOSAL
SPREAD SHEET**

2/2/2012

MIEX SYS @ WTP # 2A
John J. Kirlin, LLC
Job # 4275

Mod. Of the FRP Cover
RE: Supports
JJK # 28

DESCRIPTION	HOURS	UNIT PRICE	TOTAL COST	TOTAL
Materials			\$0	
Prime Purchase Orders			\$0	
6.0% Tax			\$0.00	
SUB-TOTAL			\$0.00	\$0.00
SUBCONTRACTOR'S				
Proshell			\$0	
SUB-TOTAL			0.00	0.00
EQUIPMENT RENTAL				
(See Attached Worksheet)			\$0	
Sales Tax			\$0.00	
SUB-TOTAL			\$0.00	\$0.00
LABOR				
Plumber Labor	MD		3555.00	
Plumber Pre-Fab Shop	46 HRS	\$25.00	1144.20	
SUB-TOTAL			4699.20	
Overhead Burden		38.00%	1785.70	
TOTAL LABOR			\$6,484.90	\$6,484.90
JOB COSTS				
PERMIT FEE SCHEDULE	0%		\$0	
GENERAL CONDITIONS	0%		\$0.00	
SUB-TOTAL			\$0.00	0.00
TOTAL COST				6,484.90
JJK O.H.	10.00%			648.49
SUBTOTAL				7,133.39
PROFIT	5%			356.67
SUBTOTAL				7,490.06
BOND	1%			74.90
TOTAL				\$7,564.96

GC : JOHN J. KIRLIN LLC
 RE : Mod. Of the FRP Cover Supports
 Job # 4275

2/2/2012
 Proposal JJK # 27

(A)
MATERIAL

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
					\$0.00
Grand Total Material "A"					\$0.00
6.0% SALES Tax					\$0.00
SuBTOTAL Mat.					\$0.00

(B)
LABOR

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
9.0	MD		Removal,Cutting Reinstallation	395.00	3,555.00
Grand Total MATERIAL "B"					3,555.00

(C)
EQUIPMENT

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
					-
					-
					-
					-
Grand Total MATERIAL "C"					-

(D)
SUBCONTRACTORS

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	LS		JJK Shop Work Order	1,144.200	1,144.20
Grand Total SUBCONTRACTORS "D"					1,144.20

SUMMARY

Grand Total MATERIAL "A"	\$0.00
Grand Total Labor "B"	3,555.00
Grand Total EQUIPMENT "C"	-
Grand Total SUBCONTRACTOR "D"	1,144.20
Grand total not including OH/Profit/CELL	\$4,699.20



JOHN J.
KIRLIN, LLC
 mechanical contractors

Revised 2-03-12
D & G 9/18/03
~~*D & G 9/18/03*~~

Mr. Joseph Tanacredi, PE
 Palm Beach County Water Utilities Dept.
 8100 Fores Hill Blvd
 West Palm Beach, FL 33401

01/16/12

Re: Back Charges to Moss Kelly
 Subj: JJK #24

Dear Mr. Tanacredi

We herewith submit our proposal for the performance of the subject work. Our direct cost and allowable mark-ups for this work is \$16,687.43 and is detailed on the enclosed breakdown sheet.

Please be advised that this proposal is good for a period of (30) days.

If this proposal meets with your approval, please issue a Change Order to reflect the additional cost and Zero (0) working days time extension depicted above.

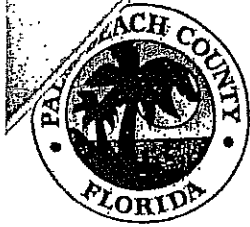
H.Gregorian
 Vice President Environmental

cc. Carollo, B. Lapinsky, Jr., B. Major, F. Williams

THE COST DIVIDED BY MIAMI
BROWNS P.B.E. & MIAMI
2183-88 MIAMI
203-55 P.B.E.

Florida Division: 3125 W. Commercial Blvd, Suite 200; Ft. Lauderdale, FL 33309
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**Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities**

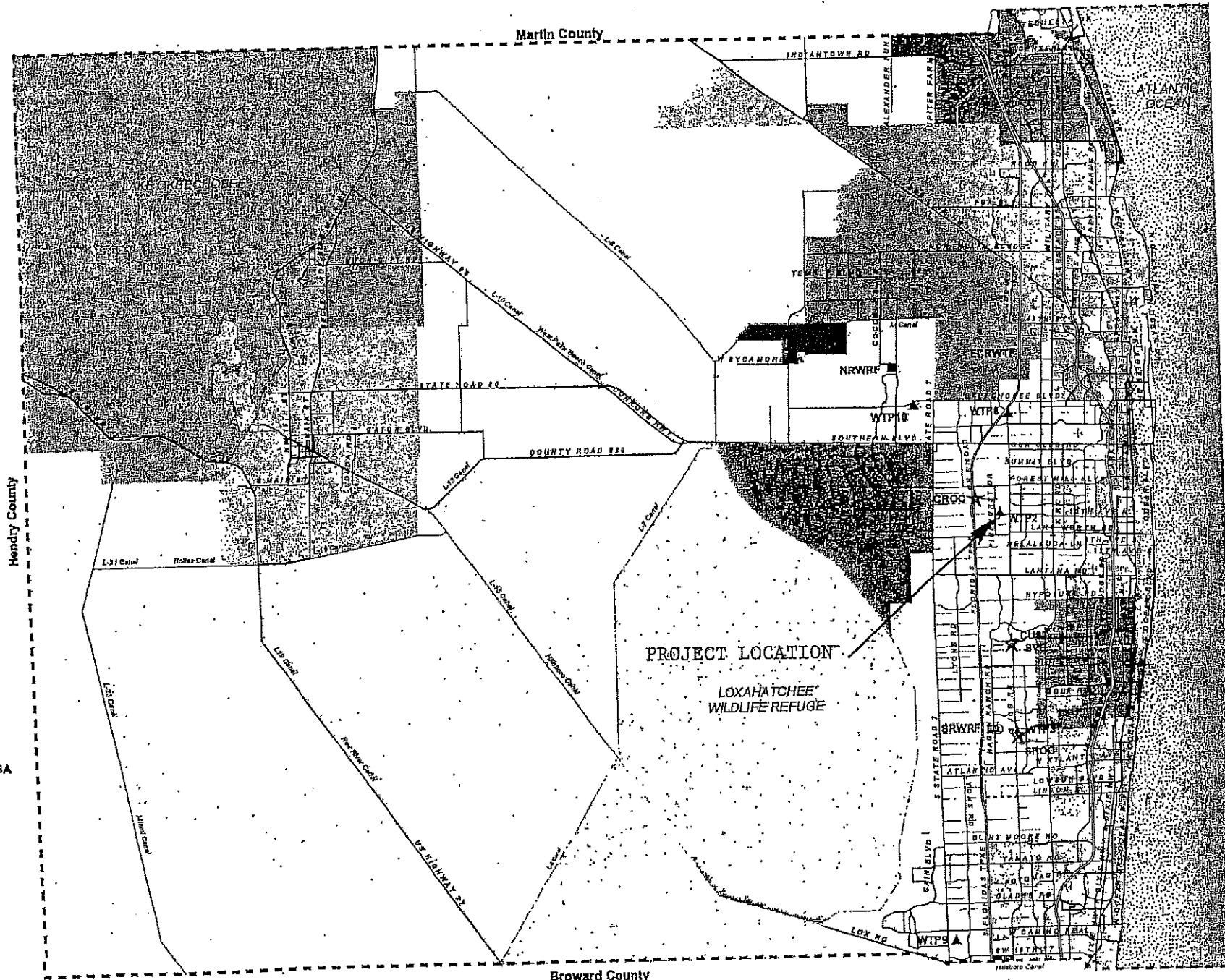
WUD 09-046

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
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

BAIV 6-0
T abs

R-2011-1038

Meeting Date: July 19, 2011 Consent Regular
Public Hearing

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

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: A) Change Order No. 5 to the contract with John J. Kirlin, LLC for Water Treatment Plant (WTP) No. 2 Miex Treatment System (Miex) increasing the amount of this contract by \$385,336.38 and providing a 50-day time extension; and B) A Budget Transfer of \$460,000.00 in the Water Utilities Department Capital Improvement Fund to provide funding for the Water Treatment Plant No. 2 Miex Treatment System.

Summary: On June 29, 2010, the Board approved a contract with John J. Kirlin, LLC (R2010-1038). The Miex anionic exchange process will remove the color compounds, improve the water quality, and reduce energy consumption compared to the existing ozone treatment process. Change Order No. 5 adds Bid Alternate 2A and 2B to the Contract which authorizes the contractor to demolish the existing ozone system. This change order also provides for painting the interior of the Miex basin. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15% overall. This Contract with John J. Kirlin LLC provides for SBE participation of 15.30% overall for the base bid. Change Order No. 5 includes 0.00% overall SBE participation. The contractor's SBE participation, including this change order, is 15.30% overall. John J. Kirlin LLC is a local Palm Beach County Company. (WUD Project No. 09-046) District 2 (JM)

Background and Justification: The ozone treatment system at WTP No. 2 is reaching the end of its useful life and spare parts are no longer available. The anionic exchange system will produce higher quality water compared to ozone treatment and will reduce both chemical usage and energy consumption. On March 9, 2010, 12 bids were received for the construction of the project. On June 29, 2010, the Board approved the Contract with John J. Kirlin LLC (R2010-1038). The Miex process is a fluidized bed ion exchange system. By coating the interior of the Miex basin resin loss from abrasion of the resin on the concrete walls will be reduced. The budget transfer of \$460,000 (which includes a contingency of \$74,663.62) is necessary to fund the estimated cost of completing the project. Monies are being transferred from the Water Treatment Plant No. 8 ozone project which has been delayed and will not require any funding in the current budget year.

Attachments:

1. Location Map
2. Two (2) Original Change Order No. 5
3. Budget Transfer

Recommended By:


Department Director

6/22/11
Date

CHANGE ORDER

R2011-1038 JUL 19 2011

PROJECT: SYSTEM # 2 Water Treatment Plant MIEX Treatment SYSTEM
WATER UTIL. DEPT. PROJECT NO. WUD 09-046
DISTRICT NUMBER: 2
CHANGE ORDER NO.: Five (5)

TO: John J. Kirlin, LLC
3125 W. Commercial Blvd.
Ft. Lauderdale, FL. 34232
DOCUMENT NO. R2010-1038
CONTRACT DATE: June 29, 2010
NOTICE TO PROCEED: Aug. 28, 2006
BUDGET LINE ITEM: 4011-721-W002-6541

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

5.1 Coat the interior of the Miex basins as per spec section. (JJK#18) \$348,336.38

5.2 Add Bid alternate 2A and 2B. \$37,000.00

Total \$385,336.38

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

Summary table with 2 columns: Description and Amount. Rows include Original Contract Sum, Net Change by previous Change Orders, Contract Sum prior to this Change Order, Contract Sum increased by this Change Order, New Contract Sum, Contract Time increase, and completion dates.

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) CONSTITUTES IN WHOLE OR PART, A CARDINAL CHANGE TO THE CONTRACT.

5.0

BID FORM

PALM BEACH COUNTY PROJECT NO.: WUD 09-046

DATE:

To: Palm Beach County Board of County Commissioners
Water Utilities Department
8100 Forest Hill Boulevard
West Palm Beach, Florida 33413

From: John J. Kirlin, LLC
3125 W. Commercial Blvd., Suite 200
Ft. Lauderdale, FL 33309

1.1 Having carefully examined the Bid and Contract Documents and Drawings for the Project entitled System 2 Water Treatment Plant MIEX® Treatment System, PROJECT NO. : WUD 09-046 as well as the premises and conditions affecting the work, and confirming that the site was visited, as required, by

Homer Gregorian on 2/10/10
(Name of Person) (Date)

the undersigned hereby declares that no person or persons, firm or corporation, other than the undersigned, are interested in this proposal as principals, and that this proposal is made without collusion with any person, firm, or corporation, and we have carefully and to our full satisfaction examined the Contract Documents, and that we have made a full examination of the location of the proposed work and the source of supply of materials, and we hereby agree to furnish and pay for all materials, labor, supervision, equipment, supplies, fees, expertise, and services necessary to fully complete all work in accordance with all requirements of the Contract Documents and in accordance with all applicable codes and governing regulations within the time limit specified in this proposal for the following lump sum (fixed price) Base Bids.

Base Bid (Includes all project work excluding the Alternates)

Price: Four Million Nine Hundred Eighty Five Thousand Dollars
(written out)

(\$ 4,985,000) which sum is hereinafter referred to as the (numeric)
"Base Bid".

Alternative Bid Items:

~~Alternate 1 - MIEX® Treatment System
for Contactor No. 2~~

Price: (\$ ~~847,448~~)

Alternate 2A - Ozone System Demolition

Price: (\$ 25,000) ✓

Alternate 2B - Ozone System Demolition

Credit: (\$ 12,000) ✓

January 2010

05 BID FORM - 2
Addendum No. 1

8241A10

SCHEDULE OF BID PRICES

Project No.: WUD 09-046
 Project Name: System 2 Water Treatment Plant MIEX® Treatment System

<u>Bid Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Total Price</u>
1	MIEX® Treatment System (All work not including alternates)	1	Lump Sum	<u>4,885,000</u>
2	FPL Allowance	1	Lump Sum	<u>\$50,000.00</u>
3	Communications Allowance	1	Lump Sum	<u>\$25,000.00</u>
4	Contract Allowance	1	Lump Sum	<u>\$25,000.00</u>
TOTAL BASE BID (ITEMS 1 TO 4)				<u>4,985,000</u>
TOTAL BASE BID (ITEMS 1 TO 4) IN WORDS:				<u>Four million, nine hundred eighty five thousand dollars</u>

Note: SBE participation shall be evaluated on Total Base Bid without Alternates;

<u>Alternate Bid Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Alternate Bid Price</u>
1	MIEX® Equipment for Contractor 2	1	Lump Sum	845,448
2A	Ozone System Demolition	1	Lump Sum	<u>25,000</u>
2B	<u>Credit</u> for Salvage Value Associated with Ozone System Demolition	1	Lump Sum	<u>12,000</u>



Good

Mr. Joseph Tanacredi, PE
Palm Beach County Water Utilities Dept.
8100 Fores Hill Blvd
West Palm Beach, FL 33401

02/28/12

Re: Additional work instructed by
the owner
Subj: JJK # 29

Dear Mr. Tanacredi

We herewith submit our proposal for the performance of the subject work. Our direct cost and allowable mark-ups for this work is \$5,952.45 and is detailed on the enclosed breakdown sheet.

Please be advised that this proposal is good for a period of (30) days.

If this proposal meets with your approval, please issue a Change Order to reflect the additional cost and three(3) working days time extension depicted above.

5 Calendar days

H. Gregorian
2-28-12

H. Gregorian
Vice President Environmental

cc. Carollo, B. Lapinsky, Jr., B. Major, F. Williams

**PROPOSAL
SPREAD SHEET**

2/28/2012

MIEX SYS @ WTP # 2A
John J. Kirlin, LLC
Job # 4275

Additional work
RE: instructed by the owner
JJK # 29

DESCRIPTION	HOURS	UNIT PRICE	TOTAL COST	TOTAL
Materials			\$1,257	
Prime Purchase Orders			\$0	
6.0% Tax			\$75.41	
SUB-TOTAL			\$1,332.31	\$1,332.31
SUBCONTRACTOR'S				
SUB-TOTAL			1,100.00	1,100.00
EQUIPMENT RENTAL				
(See Attached Worksheet)			\$0	
Sales Tax			\$0.00	
SUB-TOTAL			\$0.00	\$0.00
LABOR				
Plumber Labor	MD		1185.00	
Plumber Pre-Fab Shop	0 HRS	\$25.00	0.00	
SUB-TOTAL			1935.00	
Overhead Burden		38.00%	735.30	
TOTAL LABOR			\$2,670.30	\$2,670.30
JOB COSTS				
PERMIT FEE SCHEDULE	0%		\$0	
GENERAL CONDITIONS	0%		\$0.00	
SUB-TOTAL			\$0.00	0.00
TOTAL COST				5,102.61
JJK O.H.	10.00%			510.26
SUBTOTAL				5,612.88
PROFIT	5%			280.64
SUBTOTAL				5,893.52
BOND	1%			58.94
TOTAL				\$5,952.45

GC : JOHN J. KIRLIN LLC
 RE : Additional work instructed by the county Rep.
 Job # 4275

2/28/2012
 Proposal JJK # 29

(A)
MATERIAL

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
			Saddles & Acces. Furnished by the Owner		\$0.00
2	ea		DIP Orifice 16x24x2	\$575.00	\$1,150.00
10	ea		3/16 SS clamps	\$6.89	\$68.90
20	ea		Anchor bolts	\$1.90	\$38.00
SuBTOTAL Mat.					\$1,256.90

(B)
LABOR

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1.0	MD		Fabrication & installation of the Orifice in the influent box	395.00	395.00
2.0	MD		Installation of the Air release 3"PVC piping	395.00	790.00
Grand Total MATERIAL "B"					1,185.00

(C)
EQUIPMENT

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
2	Days		Man Lift	375.00	750.00
					-
					-
					-
Grand Total MATERIAL "C"					750.00

(D)
SUBCONTRACTORS

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
4	Ea		Wet tapping	275.000	1,100.00
					-
Grand Total SUBCONTRACTORS "D"					1,100.00

SUMMARY

Grand Total MATERIAL "A"	\$750.00
Grand Total Labor "B"	1,185.00
Grand Total EQUIPMENT "C"	750.00
Grand Total SUBCONTRACTOR "D"	1,100.00
Grand total not including OH/Profit/CELL	\$3,785.00



Mr. Joseph Tanacredi, PE
Palm Beach County Water Utilities Dept.
8100 Fores Hill Blvd
West Palm Beach, FL 33401

03/01/12

Re: Additional work instructed by
the owner
Subj: JJK # 29R

Dear Mr. Tanacredi

We herewith submit our proposal for the performance of the subject work. Our direct cost and allowable mark-ups for this work is \$5,672.48 and is detailed on the enclosed breakdown sheet.

Please be advised that this proposal is good for a period of (30) days.

If this proposal meets with your approval, please issue a Change Order to reflect the additional cost and ^{11 Calendar days} ~~7~~ working days time extension depicted above.

H. Gregorian
Vice President Environmental

cc. Carollo, B. Lapinsky, Jr., B. Major, F. Williams

Florida Division: 3125 W. Commercial Blvd, Suite 200, Ft. Lauderdale, FL 33309
954-7398100. Pre-739-3971 fax www.jjklc.com

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**PROPOSAL
SPREAD SHEET**

3/1/2012

MIEX SYS @ WTP # 2A
John J. Kirlin, LLC
Job # 4275

Additional work
RE: instructed by the owner
JJK # 29R

DESCRIPTION	HOURS	UNIT PRICE	TOTAL COST	TOTAL
Materials			\$1,257	
Prime Purchase Orders			\$0	
6.0% Tax			\$75.41	
SUB-TOTAL			\$1,332.31	\$1,332.31
SUBCONTRACTOR'S				
G.C. Work			1,100.00	
SUB-TOTAL			1,100.00	1,100.00
EQUIPMENT RENTAL				
(See Attached Worksheet)			\$750	
Sales Tax		6.00%	\$45.00	
SUB-TOTAL			\$795.00	\$795.00
LABOR				
SUB-TOTAL			1185.00	
Burden		38.00%	450.30	
TOTAL LABOR			\$1,635.30	\$1,635.30
JOB COSTS				
PERMIT FEE SCHEDULE	0%		\$0	
GENERAL CONDITIONS	0%		\$0.00	
SUB-TOTAL			\$0.00	0.00
TOTAL COST				4,862.61
JJK O.H.	10.00%			486.26
SUBTOTAL				5,348.88
PROFIT	5%			267.44
SUBTOTAL				5,616.32
BOND	1%			56.16
TOTAL				\$5,672.48

GC : JOHN J. KIRLIN LLC
 RE : Additional work instructed by the county Rep.
 Job # 4275

3/1/2012
 Proposal JJK # 29R

(A)
 MATERIAL

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
			Saddles & Acces. Furnished by the Owner		\$0.00
2	ea		DIP Orifice 16x24x2	\$575.00	\$1,150.00
10	ea		3/16 SS clamps	\$6.89	\$68.90
20	ea		Anchor bolts	\$1.90	\$38.00
SuBTOTAL Mat.					\$1,256.90

(B)
 LABOR

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1.0	MD		Fabrication & installation of the Orifice in the influent box	395.00	395.00
2.0	MD		Installation of the Air release 3"PVC piping	395.00	790.00
Grand Total MATERIAL "B"					1,185.00

(C)
 EQUIPMENT

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
2	Days		Man Lift	375.00	750.00
					-
					-
					-
Grand Total MATERIAL "C"					750.00

(D)
 SUBCONTRACTORS

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
4	Ea		Wet tapping	275.000	1,100.00
					-
Grand Total SUBCONTRACTORS "D"					1,100.00

SUMMARY

Grand Total MATERIAL "A"	\$1,256.90
Grand Total Labor "B"	1,185.00
Grand Total EQUIPMENT "C"	750.00
Grand Total SUBCONTRACTOR "D"	1,100.00
Grand total not including OH/Profit/CELL	\$4,291.90



- GENERAL NOTES:**
1. NOT ALL VALVES AND APPURTENANCES SHOWN FOR THIS DRAWING. REFER TO THE MECHANICAL DRAWINGS FOR ALL VALVES AND APPURTENANCES. REFER TO THE ELECTRICAL DRAWINGS FOR ALL ELECTRICAL SYMBOLS AND APPURTENANCES.
 2. REFER TO THE MECHANICAL DRAWINGS FOR ALL ELECTRICAL SYMBOLS AND APPURTENANCES. REFER TO THE ELECTRICAL DRAWINGS FOR ALL ELECTRICAL SYMBOLS AND APPURTENANCES.

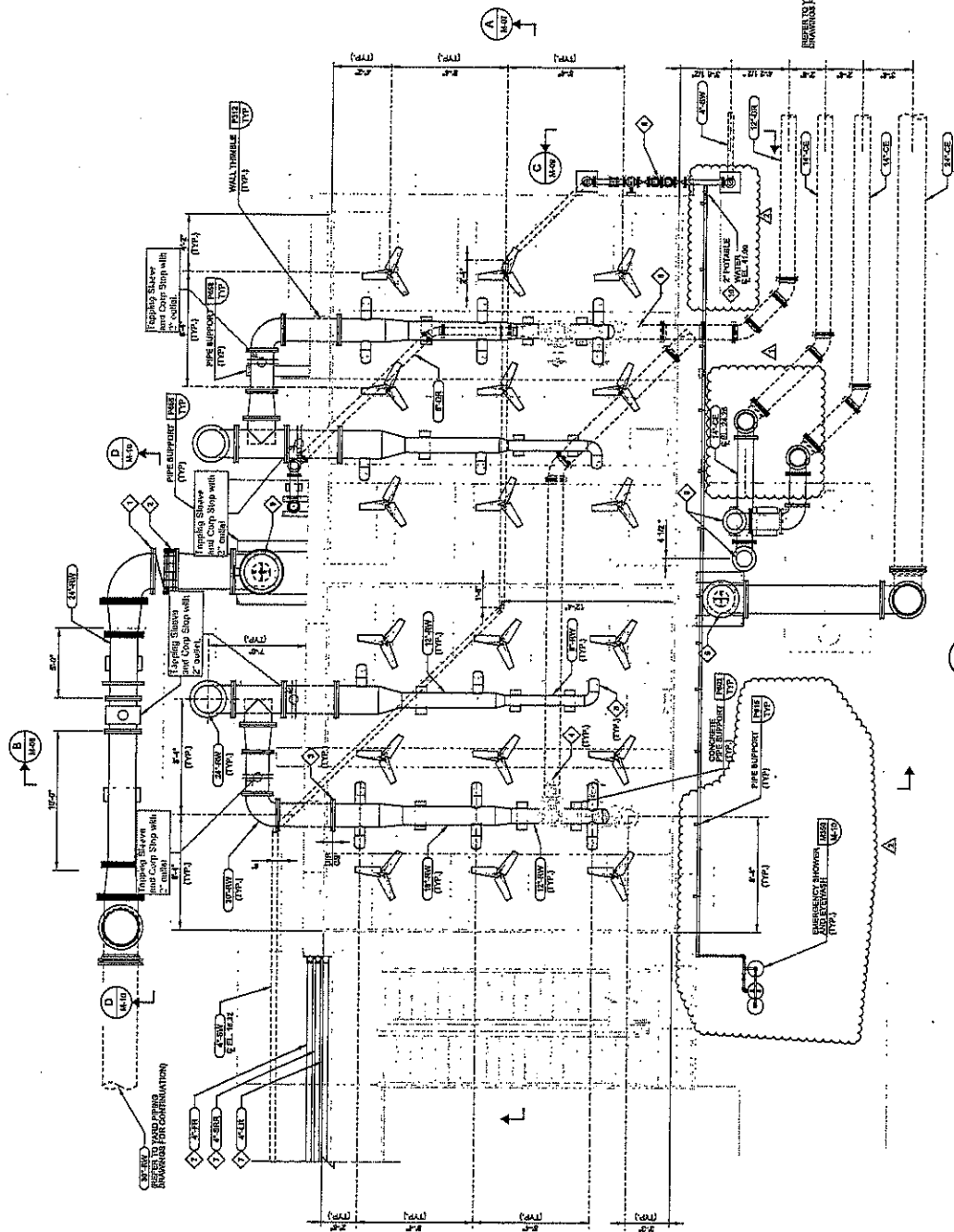
- DETAIL NOTES:**
- ◇ 3" FLANGED BUTTERFLY VALVE
 - ◇ MULTIPLE VALVE WITH ISOLATING JOINT, OR EQUAL
 - ◇ INSULATING FLANGE
 - ◇ 4" F-HEAD
 - ◇ 4" BACKFLOW PREVENTER
 - ◇ F-HEAD VALVE SUPPORTED ON WALL
 - ◇ PORT VALVE SUPPORTED ON FLOOR
 - ◇ PENETRATIONS IN CONCRETE SHALL BE PER DETAIL (SEE) FOR PENETRATIONS.



NOTES:

- ① 2" FLOW METER

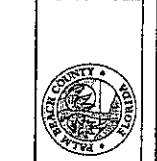
INSTALL 2" FLOW METER WITH 2" COP AND 2" STUBS TO THE PIPING ABOVE AND TO THE STOP OF CONDENSATE AND TREATMENT PIPING THROUGH THE FLOOR. DO NOT CONDENSE OR TREAT THE CONDENSATE UNTIL AFTER THE STOP OF PIPING TO PREVENT THE FLOW OF CONDENSATE OR TREATMENT PIPING FROM BEING INTERRUPTED. ANY NECESSARY PIPING SHALL BE IDENTIFIED AS SUCH. SUPPORT SHALL BE PROVIDED WITH 2" COP AND 2" STUBS TO THE FLOOR.



A LOWER PLAN
SCALE: 1/8" = 1'-0"

PROJECT NO.	VERIFY SCALES
100-0000	0
DRAWING NO.	DRAWING NO.
M-05	M-05
SHEET NO.	SHEET NO.
42	42

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT
SYSTEM 2 WTP - MIXED TREATMENT SYSTEM
MECHANICAL
MIX SYSTEM
LOWER PLAN



CAROL
8801 LAKE WOODS, SUITE 200
PHOENIX, AZ 85048
PHONE: (602) 998-0000 FAX: (602) 998-1487
JOB NO. 031A-15

DESIGNED	CHECKED
DATE	DATE
BY	BY
DATE	DATE

REVISION NO.	DATE	DESCRIPTION
1	03/14/05	ISSUE FOR CONSTRUCTION

DATE	BY	DESCRIPTION
03/14/05	...	ISSUE FOR CONSTRUCTION



Mr. Joseph Tanacredi, PE
Palm Beach County Water Utilities Dept.
8100 Fores Hill Blvd
West Palm Beach, FL 33401

03/01/12


Re: Credit for deletion of sodd
Subj: JJK # 30

Dear Mr. Tanacredi

We herewith submit our proposal for the performance of the subject work. Our direct cost and allowable mark-ups for this work is \$1,650.00 and is detailed on the enclosed breakdown sheet.

Please be advised that this proposal is good for a period of (30) days.

If this proposal meets with your approval, please issue a Change Order to reflect the additional cost and Zero(0)working days time extension depicted above.

 3-01-12
H. Gregorian
Vice President Environmental

cc. Carollo, B. Lapinsky, Jr., B. Major, F. Williams

Florida Division: 3125 W. Commercial Blvd, Suite 200, Ft. Lauderdale, FL 33309
954-7398100. Pre-739-3971 fax www.jjklc.com

Tampa · West Palm Beach · Miami · Ft. Myers

**PROPOSAL
SPREAD SHEET**

3/1/2012

MIEX SYS @ WTP # 2A
John J. Kirlin, LLC
Job # 4275

Credit for deletion of
RE: sodd
JJK # 30

DESCRIPTION	HOURS	UNIT PRICE	TOTAL COST	TOTAL
Materials			\$0	
Prime Purchase Orders			\$0	
6.0% Tax			\$0.00	
SUB-TOTAL			\$0.00	\$0.00
SUBCONTRACTOR'S				
G.C. Work			1,500.00	
SUB-TOTAL			1,500.00	1,500.00
EQUIPMENT RENTAL				
(See Attached Worksheet)			\$0	
Sales Tax			\$0.00	
SUB-TOTAL			\$0.00	\$0.00
LABOR				
Plumber Labor	MD		0.00	
Plumber Pre-Fab Shop	0 HRS	\$25.00	0.00	
SUB-TOTAL			0.00	
Burden		38.00%	0.00	
TOTAL LABOR			\$0.00	\$0.00
JOB COSTS				
PERMIT FEE SCHEDULE	0%		\$0	
GENERAL CONDITIONS	0%		\$0.00	
SUB-TOTAL			\$0.00	0.00
TOTAL COST				1,500.00
JJK O.H.	10.00%			150.00
SUBTOTAL				1,650.00
PROFIT	0%			0.00
SUBTOTAL				1,650.00
BOND	0%			0.00
TOTAL				\$1,650.00

GC : JOHN J. KIRLIN LLC
 RE : Credit for Deletion Of Sodding
 Job # 4275

3/1/2012
 Proposal JJK #30

(A)
 MATERIAL

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
					\$0.00
					\$0.00
					\$0.00
					\$0.00
SuBTOTAL Mat.					\$0.00

(B)
 LABOR

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
					-
					-

Grand Total MATERIAL "B" -

(C)
 EQUIPMENT

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
					-
					-
					-
					-

Grand Total MATERIAL "C" -

(D)
 SUBCONTRACTORS

QT	U/T	SIZE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	LS		Sodding	1,500.000	1,500.00
					-

Grand Total SUBCONTRACTORS "D"

1,500.00

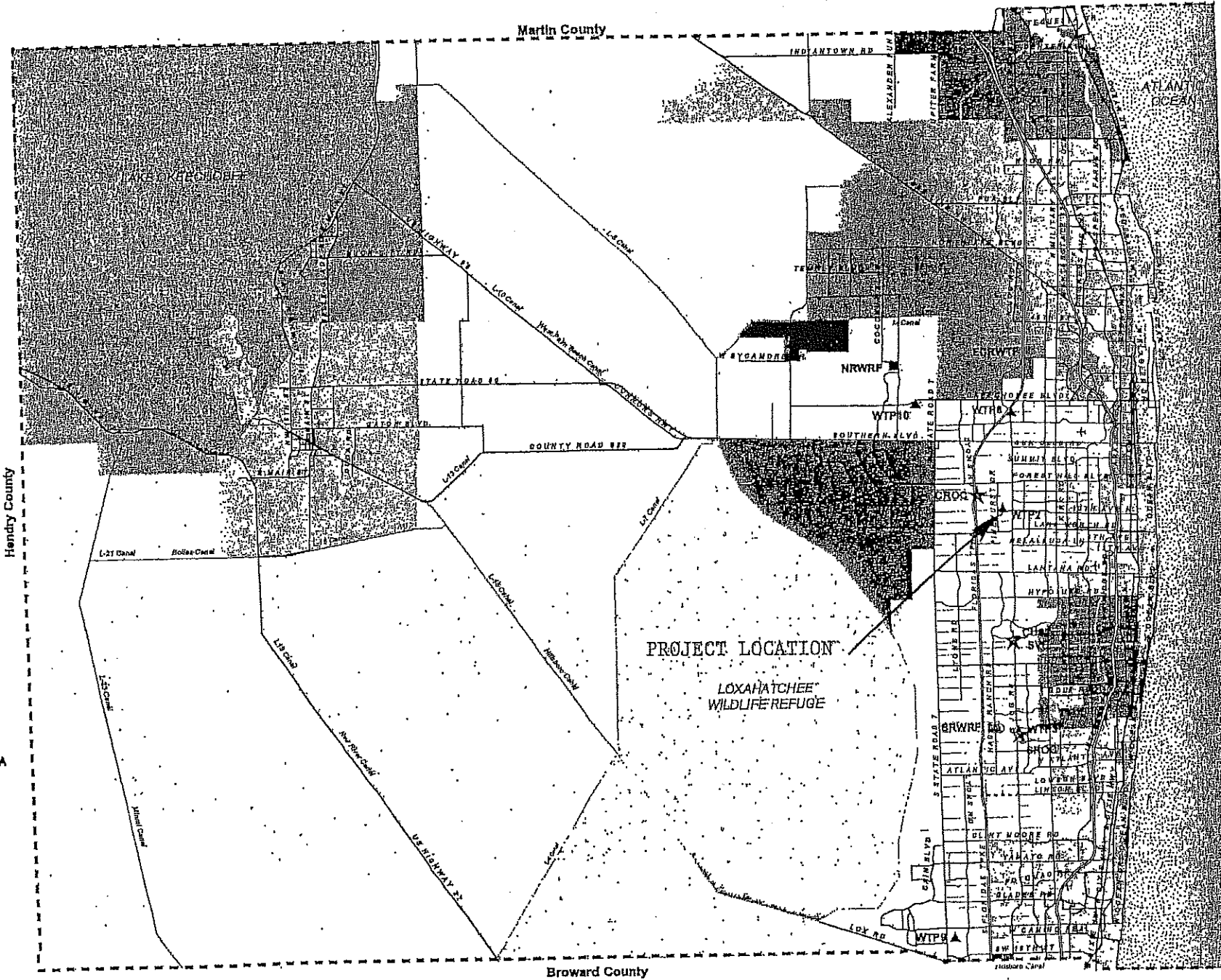
SUMMARY

Grand Total MATERIAL "A"	\$0.00
Grand Total Labor "B"	-
Grand Total EQUIPMENT "C"	-
Grand Total SUBCONTRACTOR "D"	1,500.00
Grand total not including OH/Profit/CELL	\$1,500.00



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

WUD 09-046



Legend

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



NOT TO SCALE