

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: June 8, 2010

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: Change Order No. 3 to the Contract with AKA Services, Inc. (R2009-1518) for the City of Pahokee Inflow and Infiltration Program and Wastewater Pump Stations Project.

Summary: This Change Order authorizes the deletion or quantity reduction of several line items in the amount of \$1,229,577.43 for repairs and services that are now deemed to be less critical than when the contract scope was developed. This revenue will be allocated for new repair work and quantity increases of several contract line items in the amount of \$1,229,573.45. These items are more crucial to the operation of the wastewater system including the upgrade of lift station control panels, performing more pipe repairs and completely replacing gravity sewer lines. While the change in the net contract price is only a \$3.98 reduction, and there is no change to the contract schedule, the dollar value of the additions and deletions to the contract necessitates Board action. The total change orders to date including Change Order No. 3, equals \$99,662.67 (a 2.08% increase). The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15.0% overall. The original contract with AKA Services, Inc. provides for 16.12% SBE participation overall. (WUD Project No. 09-057) District 6 (JM)

Background and Justification: On September 15, 2009 the Board approved the Contract for the City of Pahokee Inflow and Infiltration Program and Wastewater Pump Stations Project (R2009-1518) with AKA Services, Inc., in the amount of \$4,801,412.25. The project consists of repairing the Pahokee wastewater gravity system to prevent inflow and infiltration and upgrades to 23 lift stations which will reduce the operational costs for the Glades Utility Authority (GUA). The project has received stimulus funding from the American Recovery and Reinvestment Act of 2009 (ARRA).

Attachments:

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

Recommended By: _____

Department Director

5/24/10

Date

Approved By: _____

Assistant County Administrator

6/7/10

Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2009	2010	2011	2012	2013
Capital Expenditures	(43.98)	0	0	0	0
External Revenues	0	0	0	0	0
Program Income	0	0	0	0	0
(County)					
In-Kind Match County	0	0	0	0	0
NET FISCAL IMPACT	(43.98)	0	0	0	0
# ADDITIONAL FTE					
POSITIONS	0	0	0	0	0
(Cumulative)					

Budget Account No.: Fund 4011 Dept 721 Unit W026 Object 6543

Is Item Included in Current Budget? Yes X No

Reporting Category N/A

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

- ✶ This project is funded by the American Recovery and Reinvestment Act of 2009 (ARRA). The Water Utilities Department (WUD) is managing the project on behalf of the City of Pahokee.

C. Department Fiscal Review:

III. REVIEW COMMENTS

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

Original contract was \$4801,412.25, changed to \$4901078.90 and
new change order \$4901074.92 a difference of (\$3.98)

OFMB 6/2/10
6/2/10
5/2/10

In J. Jacobs 102,110
Contract Development and Control

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

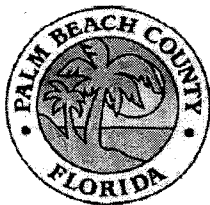
B. ~~Legal~~ Sufficiency:

James C. [Signature] 6/4/60
Assistant County Attorney

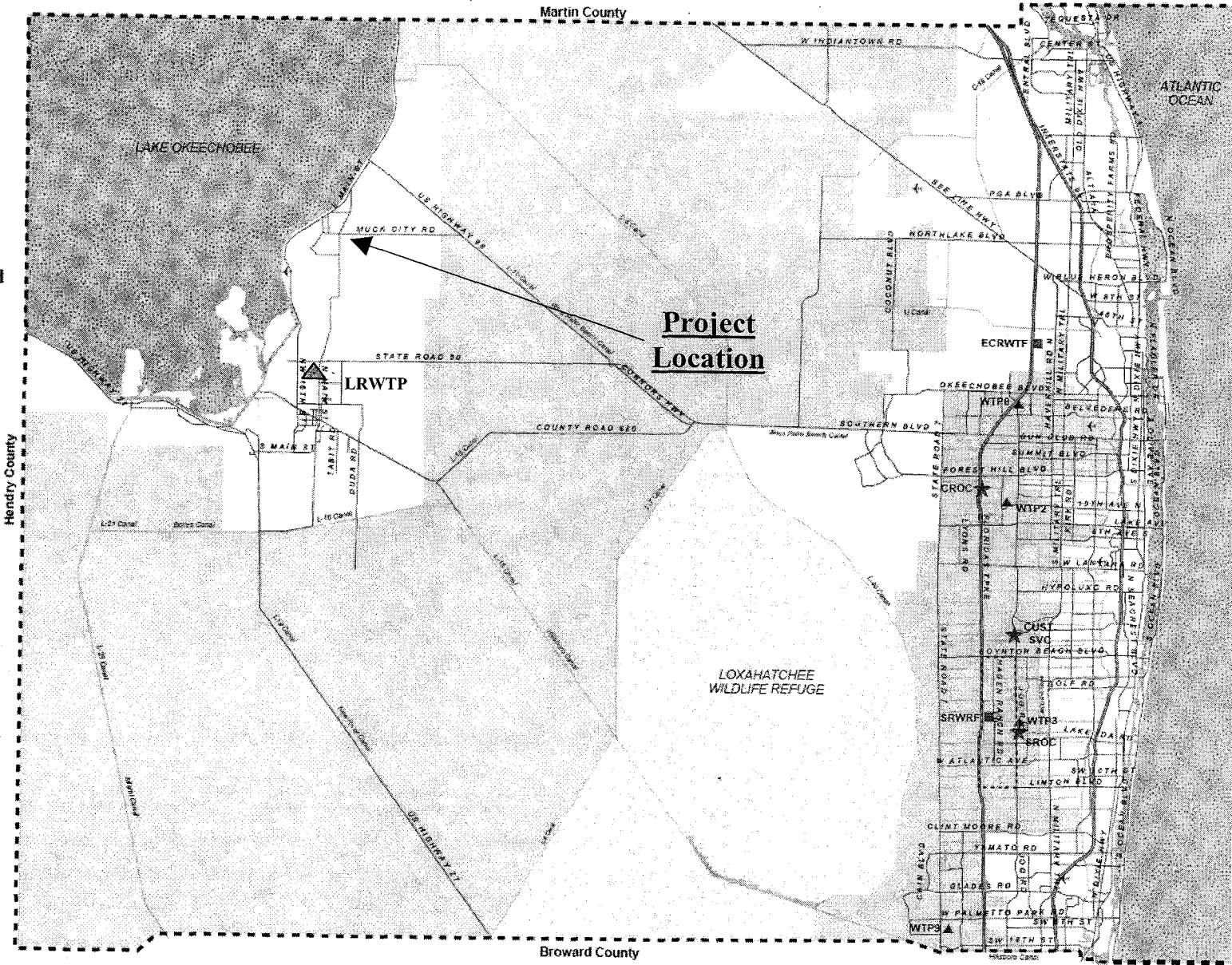
C. Other Department Review:

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



- Legend
- P.B.C.W.U.D. SA
 - MANDATORY RECLAIMED SA
 - COUNTY LIMITS
 - Administration
 - Water Reclamation Plant
 - Water Treatment Plant
 - Wetlands



PAHOKEE INFLOW & INFILTRATION PROGRAM
AND WASTEWATER PUMP STATION
PROJECT NO. WUD 09-057
CHANGE ORDER NO. 3

Contractor:
AKA Services, Inc.
15551 Okeechobee Blvd.
West Palm Beach, FL 33470

WATER UTILITIES DEPARTMENT
CONTRACT NO. R2009-1518
CONTRACT DATE: September 15, 2009
NOTICE TO PROCEED: OCT. 1, 2009
BUDGET FUND#: 4011-721-W026-6543

DISTRICT: 6

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

Provide all labor and material for changes to the work scope as described in the attached Scope of Work and Cost Summary (Lump Sums and itemized), all in accordance with the Contract Documents.

Contractor hereby agrees to decrease and increase the quantities for the selected bid items as detailed in this Change Order without change to the unit bid price for each item and without change to the Contract time. Total net change to the contract amount is (\$3.98).

NET CHANGE ORDER AMOUNT: (\$ 3.98)

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.....	\$4,801,412.25
Net change by previous Change Orders	\$99,666.65
The Contract Sum prior to this Change Order was	\$4,901,078.90
The Contract Sum will be decreased by this Change Order.....	(3.98)
The new Contract Sum including this Change Order will be	\$4,901,074.92
The Contract time will be increased by.....	0 days
The Date of Substantial Completion Phase 1 including this Change Order:	<u>Nov. 20, 2010</u>
The Date of Final Completion including this Change Order:	<u>Dec. 20, 2010</u>

PAHOKEE INFLOW & INFILTRATION PROGRAM
AND WASTEWATER PUMP STATION
PROJECT NO. WUD 09-057
CHANGE ORDER NO. 3

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 MODIFICATIONS 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 Dept.

AKA Services, Inc.

Palm Beach County Board
of County Commissioners

Duane Palumbo

ENGINEER

Duane Palumbo, P.E.
Project Engineer

ADDRESS

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

DATE 5/11/2010

Josephine Basile

CONTRACTOR

Josephine Basile
President

ADDRESS

15551 Okeechobee Blvd.
West Palm Beach, FL 33470

DATE 5/12/10

OWNER

Burt Aaronson
Chair

ADDRESS

301 N. Olive Avenue
West Palm Beach, FL 33401

DATE _____

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

ATTEST:
SHARON R. BOCK, CLERK
AND COMPTROLLER

County Attorney

(Corporate Seal)

Deputy Clerk

Pahokee Inflow & Infiltration Program
And Wastewater Pump Station
Project No. WUD 09-057
District Numbers: 6
Contract No. R2009-1518
Change Order No. 3

CHANGE ORDER CATEGORIZATION

☒ OWNER INITIATED

☐ QUANTITY OF ERRORS/UNDER-RUNS

☐ DIFFERING SITE CONDITIONS

☐ REQUEST BY OTHER AGENCY/OUTSIDE

☐ ZONING/CODE/ORDINANCE CHANGES

☐ ERRORS/OMISSIONS IN DESIGN

☐ A. REIMBURSABLE

☐ B. NON-REIMBURSABLE

**PAHOKEE INFLOW & INFILTRATION PROGRAM
AND WASTEWATER PUMP STATION
PROJECT NO. WUD 09-057
CHANGE ORDER NO. 3**

SCOPE OF WORK
(ALL AS UNIT PRICES)

Provide all labor and material for changes to the work scope as follows:

1.	Delete Bid Item No. 7 - LS #6 (less \$5,200 for Inspection)	(\$87,214.00)
2.	Delete Bid Item No. 13 - LS #12 (less \$5,200 for Insp.)	(\$54,761.00)
3.	Delete Bid Item No. 25 - LS #23 (less \$5,200 for Insp.)	(\$62,025.00)
4.	Reduce Bid Item 64 from 120 repairs to 20 repairs	(\$52,784.00)
5.	Reduce Bid Item 66 from 75 to 20 installations	(\$43,239.35)
6.	Reduce Bid Item 69 from 450 to 383 Installations	(\$22,571.63)
7.	Reduce Bid Item 72 from 450 Inflow protectors to 383	(\$ 9,215.85)
8.	Reduce Bid Item 73 from 450 to 383 Inspections	(\$ 8,375.00)
9.	Reduce Bid Item 74 from 1800 to 800 Vertical Feet	(\$247,280.00)
10.	Delete Bid Item 80 Asphalt Removal & Restoration	(\$15,800.00)
11.	Delete Line Items 30,31 & 47	(\$210,264.00)
12.	Reduce Bid Item 32 by 4 units (point repairs)	(\$ 5,600.00)
13.	Delete Line Items 40, 41 & 42	(\$13,000.00)
14.	Delete Line Items 90 thru 95	(\$29,000.00)
15.	Delete Line Items 56 thru 63	(\$187,740.00)
16.	Delete Line Items 50 & 52	(\$4,364.00)
17.	Reduce Line Item 46 by 1,192 feet	(\$2,443.60)
18.	Credit piling installation at LS 1, 7, 10 & 14	(\$14,000.00)
19.	Credit complete RTU installation at 13 lift stations	(\$159,900.00)
20.	Increase Line Item 33 by one 5-foot deep Point Repair	\$ 2,500.00
21.	Increase Line Item 34 by three 8-foot deep Point Repairs	\$10,500.00
22.	Increase Line Item 35 by one 10-foot deep Point Repair	\$ 5,000.00
23.	Increase Line Item 65 by 70 Cleanouts	\$11,361.00
24.	Increase Line Item 67 by 80 Repairs	\$102,690.40
25.	Increase Line Item 68 by 20 Frames & Covers	\$37,222.60
26.	Increase Line Item 70 by 20 Concrete Collars	\$18,340.00
27.	Increase Line Item 75 by 600 Vertical Feet	\$132,540.00
28.	Increase Line Item 76 by 100 Coating Inspections	\$3,675.00
29.	Furnish & Install all Material & Labor for LS Upgrades Not in Original Scope (see exhibit B)	\$289,182.45
30.	Increase Line Item 26 by 5000 feet	\$153,300.00
31.	Increase Line Item 27 by 800 feet	\$31,080.00
32.	Furnish & Install (F&I) Additional bypass pumping for L.S. #1	\$6,500.00
33.	Relocate Control Panel for LS #21	\$6,939.00
34.	F & I complete gravity sewer replacement (see exhibit C)	\$366,243.00
35.	6-inch FM Repair: 400 LF @ \$22/lf	\$8,800.00
36.	8-inch FM Repair: 450 LF @ \$24/lf	\$10,800.00
37.	Valley gutter: 200 LF @\$54/lf	\$10,800.00
38.	Pipe Fittings: 1 Ton	\$6,500.00
39.	Aerial Crossing: 6" DIP	\$15,000.00
40.	Increase Line Item 84 by 120 Square Yards	\$ 600.00

**PAHOKEE INFLOW & INFILTRATION PROGRAM
AND WASTEWATER PUMP STATION
PROJECT NO. WUD 09-057
CHANGE ORDER NO. 3**

**COST SUMMARY
(ALL AS UNIT PRICES)**

ITEM	DESCRIPTION	ADDITIONS	(DELETIONS)	NET CHANGE
1.	Delete Bid Item No. 7 - LS #6 (less \$5,200 for Inspection)	\$0.00	-\$87,214.00	(\$87,214.00)
2.	Delete Bid Item No. 13 - LS #12 (less \$5,200 for Insp.)	\$0.00	-\$54,761.00	(\$54,761.00)
3.	Delete Bid Item No. 25 - LS #23 (less \$5,200 for Insp.)	\$0.00	-\$62,025.00	(\$62,025.00)
4.	Reduce Bid Item 64 from 120 repairs to 20 repairs	\$0.00	-\$52,784.00	(\$52,784.00)
5.	Reduce Bid Item 66 from 75 to 20 installations	\$0.00	-\$43,239.35	(\$43,239.35)
6.	Reduce Bid Item 69 from 450 to 383 Installations	\$0.00	-\$22,571.63	(\$22,571.63)
7.	Reduce Bid Item 72 from 450 Inflow protectors to 383	\$0.00	-\$9,215.85	(\$9,215.85)
8.	Reduce Bid Item 73 from 450 to 383 Inspections	\$0.00	-\$8,375.00	(\$8,375.00)
9.	Reduce Bid Item 74 from 1800 to 800	\$0.00	-\$247,280.00	(\$247,280.00)
10.	Delete Bid Item 80 Asphalt Removal & Restoration	\$0.00	-\$15,800.00	(\$15,800.00)
11.	Delete Line Items 30, 31 & 47	\$0.00	-\$210,264.00	(\$210,264.00)
12.	Reduce Bid Item 32 by 4 units	\$0.00	-\$5,600.00	(\$5,600.00)
13.	Delete Line Items 40, 41 & 42	\$0.00	-\$13,000.00	(\$13,000.00)
14.	Delete Line Items 90 thru 95	\$0.00	-\$29,000.00	(\$29,000.00)
15.	Delete Line Items 56 thru 63	\$0.00	-\$187,740.00	(\$187,740.00)
16.	Delete Line Items 50 & 52	\$0.00	-\$4,364.00	(\$4,364.00)
17.	Reduce Line Item 46 by 1,192 feet	\$0.00	-\$2,443.60	(\$2,443.60)
18.	Credit piling installation at LS 1, 7, 10 & 14	\$0.00	-\$14,000.00	(\$14,000.00)

**PAHOKEE INFLOW & INFILTRATION PROGRAM
AND WASTEWATER PUMP STATION
PROJECT NO. WUD 09-057
CHANGE ORDER NO. 3**

19.	Credit complete RTU installation at 13 lift stations	\$0.00	-\$159,900.00	(\$159,900.00)
20.	Increase Line Item 67 by 80 Repairs	\$2,500.00	\$0.00	\$2,500.00
21.	Increase Line Item 67 by 80 Repairs	\$10,500.00	\$0.00	\$10,500.00
22.	Increase Line Item 67 by 80 Repairs	\$5,000.00	\$0.00	\$5,000.00
23.	Increase Line Item 65 by 70 Cleanouts	\$11,361.00	\$0.00	\$11,361.00
24.	Increase Line Item 67 by 80 Repairs	\$102,690.40	\$0.00	\$102,690.40
25.	Increase Line Item 68 by 20 Frames & Covers	\$37,222.60	\$0.00	\$37,222.60
26.	Increase Line Item 70 by 20 Concrete Collars	\$18,340.00	\$0.00	\$18,340.00
27.	Increase Line Item 75 by 600 Vertical Feet	\$132,540.00	\$0.00	\$132,540.00
28.	Increase Line Item 76 by 100 Coating Inspections	\$3,675.00	\$0.00	\$3,675.00
29.	Furnish & Install al material & labor for LS Upgrades (see exhibit B)	\$289,182.45	\$0.00	\$289,182.45
30.	Increase Line Item 26 by 5000 feet	\$153,300.00	\$0.00	\$153,300.00
31.	Increase Line Item 27 by 800 feet	\$31,080.00	\$0.00	\$31,080.00
32.	Furnish & Install bypass pumping for L.S. #1	\$6,500.00	\$0.00	\$6,500.00
33.	Relocate Control Panel for LS #21	\$6,939.00	\$0.00	\$6,939.00
34.	F & I complete gravity sewer replacement (see exhibit C)	\$366,243.00	\$0.00	\$366,243.00
35.	6-inch FM Repair: 400 LF @\$22/lf	\$8,800.00	\$0.00	\$8,800.00
36.	8-inch FM Repair: 450 LF @\$24/lf	\$10,800.00	\$0.00	\$10,800.00
37.	Valley gutter: 200 LF @ \$54	\$10,800.00	\$0.00	\$10,800.00
38.	Pipe Fittings-1 Ton	\$6,500.00	\$0.00	\$6,500.00
39.	Aerial Crossing-6" DIP	\$15,000.00	\$0.00	\$15,000.00
40.	Increase Line Item 84 by 120 SY	\$600.00	\$0.00	\$600.00
	Totals	\$1,229,573.45	(\$1,229,577.43)	(\$3.98)

PAHOKEE INFLOW & INFILTRATION PROGRAM
AND WASTEWATER PUMP STATION
PROJECT NO. WUD 09-057
CHANGE ORDER NO. 3

SCHEDULE 1

PARTICIPATION OF SBE/MWBE CONTRACTORS

PROJECT NAME: Pahokee Inflow & Infiltration Program and Wastewater Pump Station

PROJECT NO. WUD 09-057

NAME OF PRIME CONTRACTOR: AKA Services, Inc. CHANGE ORDER NO. 3

CONTACT PERSON: Josephine Basile, President PHONE NO: 561/791-7561 FAX NO: 561/791-7565

CONTRACT DATE: September 15, 2009 DEPARTMENT: Water Utilities

Name, Address and Phone Number of M/WBE	Type of Work To Be Performed	Contract Amount			
		Black	Hispanic	Women	Other(Please Specify)
1.		\$	\$	\$	\$
2.		\$	\$	\$	\$ 0
3.		\$	\$	\$	\$ 0
4.		\$	\$	\$	\$ 0
5.		\$	\$	\$	\$ 0
TOTALS		\$ 0	\$ 0	\$ 0	\$ 0

PRIME CONTRACTOR TO COMPLETE:

ORIGINAL CONTRACT PRICE: \$ 4,801,412.25 ORIGINAL PARTICIPATION: 20.53% overall SBE

ADJUSTED CONTRACT PRICE: \$ 4,901,074.92 ADJUSTED PARTICIPATION: 19.15% overall SBE

**PAHOKEE INFLOW & INFILTRATION PROGRAM
AND WASTEWATER PUMP STATION
PROJECT NO. WUD 09-057
CHANGE ORDER NO. 3**

PROJECT: Pahokee Inflow & Infiltration
Program and Wastewater Pump
Station

APPROVAL LIMITS:

CONTRACTOR: AKA Services, Inc.
15551 Okeechobee Blvd.
West Palm Beach, Florida 33470

PROJECT NO.: WUD 09-057

RESOLUTION: R2005-1518

DATE APPROVED: September 15, 2009

CONTRACT AMOUNT: 4,801,412.25

DEPARTMENT HEAD

CONTRACT REVIEW
COMMITTEE

DEPARTMENT HEAD
PLUS CONTRACT REVIEW
COMMITTEE

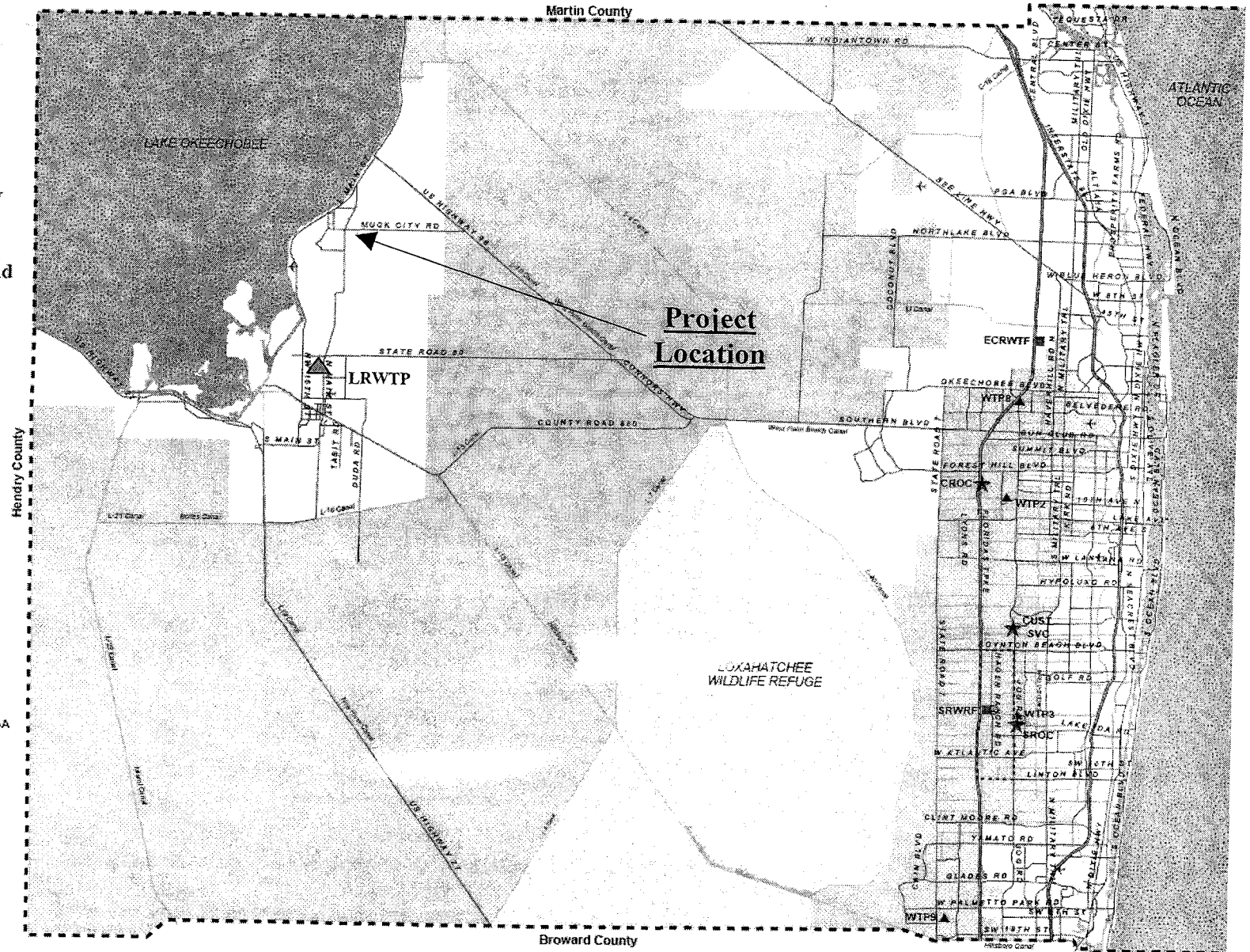
	(Amount)	(Days)	(Amount)	(Days)	(Amount)	(Days)
INDIVIDUAL C.O.	\$50,000.00	30 Days	\$100,000.00	90 Days	\$150,000.00	120 Days
CUMMULATIVE C.O.	\$100,000.00	30 Days	\$200,000.00	90 Days	\$300,000.00	120 Days

C.O. #	DATE APPROVED	NET CHANGE	DEPARTMENT HEAD		CONTRACT REVIEW COMMITTEE		TOTAL DEPT. HEAD & CONTRACT REVIEW COMM.		BOARD OF COUNTY COMMISSIONERS		TOTALS
			(AMOUNT)	(DAYS)	(AMOUNT)	(DAYS)	(AMOUNT)	(DAYS)	(AMOUNT)	(DAYS)	
1	11/25/2009	99,719.50	0	0	99,719.50	0	99,719.50	0	0	0	99,719.50
2	3/3/2010	(52.85)			(52.85)	15	(52.85)	15			(52.85)
3	Pending	(3.98)	0	0					(3.98)	0	(3.98)
TOTALS:		99,662.67	0	0	99,666.65	0	99,666.65	15	(3.98)	0	99,662.67



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

- Legend**
- P.B.C.W.U.D. SA
 - MANDATORY RECLAIMED SA
 - COUNTY LIMITS
 - ★ Administration
 - Water Reclamation Plant
 - ▲ Water Treatment Plant
 - Wetlands



Project Name WUD # 08-010

AKA SERVICES, INC.
5551 OKEECHOBEE BOULEVARD
LOXAHATCHEE, FL. 33470

EXHIBIT B

PROJECT NO. 09-057
CITY OF PAHOKEE
INFLOW & INFILTRATION PROGRAM

REVISED MAR 2ND , 2010 (Per Attached Revised Breakdown)
Org. NOVEMBER 25, 2009
Rev #1 FEB 11TH 2010

THIS IS OUR ESTIMATE FOR THE ADDITIONAL
WORK NEEDED PER THE ATTACHED LS INSPECTION
REPORT BETWEEN PBCWUD DAN SEAGER AND AKA'S
MARIO BASILE DATED NOVEMBER 4, 2009.

deleted LS's 4.6.8.9.12 & 23.
add additional piping/pump out/fence/pile
add for floats, hangers & lifting cables
revised per new report showing additional credits

			** ADDITIONAL LABOR	** ADDITIONAL MATERIAL	EXTRA PILE	ADDED FENCE	CREDITS HATCHES VAULT/TOPS	CREDITS CONC. SLAB	CREDITS BOLLARDS	EXTRA BY-PASS
Lift Station No. 2	1.00	LS	4,200.00	2,665.00						3,000.00
Lift Station No. 3	1.00	LS	4,200.00	7,233.00						1,000.00
Lift Station No. 5	1.00	LS	4,200.00	5,622.00						1,000.00
Lift Station No. 7	1.00	LS	12,600.00	11,169.00			(1,101.00)			1,000.00
Lift Station No. 10	1.00	LS	8,400.00	11,912.00						2,000.00
Lift Station No. 11	1.00	LS	4,200.00	8,704.00						1,000.00
Lift Station No. 13	1.00	LS	4,200.00	2,471.00		6,714.00				1,000.00
Lift Station No. 14	1.00	LS	8,400.00	3,310.00		785.00	(1,101.00)	(450.00)	(500.00)	1,000.00
Lift Station No. 15	1.00	LS	12,600.00	18,910.00						3,000.00
Lift Station No. 16	1.00	LS	4,200.00	4,657.00						1,000.00
Lift Station No. 17	1.00	LS	12,600.00	20,362.00						3,000.00
Lift Station No. 18	1.00	LS	4,200.00	8,105.00			(1,812.00)			1,000.00
Lift Station No. 19	1.00	LS	4,200.00	2,507.00						2,000.00
Lift Station No. 20	1.00	LS	4,200.00	4,275.00			(1,101.00)			1,000.00
Lift Station No. 21	1.00	LS	4,200.00	5,767.00						1,000.00
Lift Station No. 22	1.00	LS	4,200.00	1,495.00						1,000.00
			100,800.00	119,164.00	0.00	7,499.00	(5,115.00)	(450.00)	(500.00)	24,000.00
TOTAL LABOR	100,800.00									
MATERIAL PLUS TAX	126,663.00									
EXTRA BY- PASS	24,000.00									
	251,463.00									
MINUS CREDITS	(6,065.00)									
	245,398.00									
15% CONTRACTORS FEE	37,719.45									
TOTAL ESTIMATED COST	289,182.45									

This is for additional materials and labor not included in original bid/contract
Any demucking/fill removal & replacement or GEO Web will at cost plus.
The above is an estimate only and subject to change upon receipt of drawings.

AKA SERVICES, INC.
15551 Okeechobee Boulevard
Loxahatchee, FL 33470

EXHIBIT "B"

March 25, 2010

Duane Palumbo, P.E.
Palm Beach County
Water Utilities Department

Re: City of Pahokee Inflow & Infiltration Program and Wastewater Pump Station
Project No. 09-057

The following items are included in the attached change order pricing.

Lift Station No. 2

1. F&I new 3" riser pipe from bottom of wet well.
2. F&I new vent pipe with bug screen.
3. F&I new float switches.

Lift Station No.3

1. Remove concrete valve vault and F&I above ground piping.
2. F&I 4" DIP riser pipes in wet well.
3. F&I new hatch covers, top slab & safety grates in wet well.
4. F&I new vent pipe with bug screen.
5. F&I new float switches.

Lift Station No.5

1. F&I new hatch covers, top slab & safety grate in wet well.
2. Remove existing valve vault and install piping above ground.
3. F&I new pipes in wet well.
4. F&I new float switches and cable rack.

Lift Station No.7

1. F&I new float switches and cable rack.
2. F&I new above ground piping with valves and emergency pump out connection.
3. F&I new vent with bug screen.
4. cou wetwell structure down approx. 3'

Lift Station No.10

1. F&I new 4" DIP riser pipes from wet well to valve vault.
2. F&I new above ground piping and valves w/emergency pump out connection.
3. F&I new vent pipe with bug screen.

4. F&I new float switches.

Lift Station No.11

1. F&I new hatch covers, top slab & safety grate in wet well.
2. F&I new float switches and cable rack.
3. F&I new 4" DIP riser pipes from wet well.
4. F&I vent pipe with bug screen.
5. Delete generator slab.

Lift Station No. 13

1. Delete concrete pad at PS and install washed rock w/ visqueen.
2. Remove existing valve vault and install piping above ground.
3. F&I new float switches and cable rack.
4. F&I new fence around lift station.
5. Delete bollards.

Lift Station No. 14

1. F&I new float switches and cable rack.
2. Remove valve vault and install above ground piping and emergency pump out connection.
3. Repair existing fence.
4. F&I new hatch covers, top slab & safety grate in wet well.

Lift Station No. 15

1. F&I new 8" DIP riser pipes from wet well to valve vault.
2. Remove valve vault and install above ground two 8" check valve, two 8" isolation valves, and pump out connection.
3. F&I new vent pipe with bug screen.

Lift Station No. 16

1. F&I new vent pipe with bug screen.
2. F&I new float switches.
3. Remove valve vault and install above ground piping.
4. F&I one new pile for control panel support.

Lift Station No.17

1. F&I new vent pipe with bug screen.
2. F&I new 8" DIP riser pipes in wet well.
3. F&I new piping and two 8" check valves, two 8" isolation valves new emergency pump out with cam lock and valve to existing force main.
4. F&I new float switches and cable rack.
5. F&I one new pile for control panel support.

Lift Station No.18

1. F&I new 4" DIP riser pipes in wet well to valve vault.
3. F&I new float switches and cable rack.
4. F&I new vent pipe with bug screen.

Lift Station No.19

1. F&I new 4" riser pipes in wet well.
2. F&I new vent pipe with bug screen.
3. F&I new float switches and cable rack.

Lift Station No.20

1. F&I new vent pipe with bug screen.
2. F&I new float switches.

Lift Station No.21

1. F&I new float switches and cable rack.
2. Remove valve vault and install above ground piping.
3. F&I new 4" DIP riser pipes in wet well.
4. F&I new vent pipe with bug screen.
5. F&I new hatch cover with safety grate for wet well.

Lift Station No.22

1. F&I new vent pipe with bug screen.
2. F&I new float switches.

Mario Basile
Project Manager

City of Pahokee Inflow & Infiltration Program
& Wastewater Pump Station
Project No. WUD 09-057

EXHIBIT C

Proposed New Complete Gravity
Sewer Replacement

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	ITEM STATUS
Remove & Replace Gravity Sewer 0-6' cut	2027	LF	35.00	70,945.00	new item
Remove & Replace Gravity Sewer 6-8' cut	799	LF	38.00	30,362.00	new item
Remove & Replace Service Laterals	100	EA	1,600.00	160,000.00	new item
Tie to Existing Manholes	20	EA	500.00	10,000.00	new item
Asphalt Trench Repair	1045	SY	34.00	35,530.00	new item
Conc, Sidewalk Remove & Restore	600	SY	54.00	32,400.00	Contract Item #81
4" Rock Road	1306	SY	16.00	20,896.00	new item
Sod Replacement	642	SY	5.00	3,210.00	Contract Item #84
Clearing	3	LD	300.00	900.00	new item
Hold Pole	2	EA	1,000.00	2,000.00	new item
Proposed Total				366,243.00	