

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

| Fiscal Years | 2012 | 2013 | 2014 | 2015 | 2016 |
|--|-------------------------|--------------------------|-------------------------------|---------------------------|-----------------|
| Capital Expenditures | <u>\$106,271</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>\$106,271</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 <u>4111</u> | Agency <u>121</u> | Org. <u>A280 - 109</u> | Object <u>6211</u> | |

Is Item Included in Current Budget? Yes X No

Reporting Category N/A

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

This Supplement is being funded by Palm Beach County Department of Airports

C. Department Fiscal Review: Debra M. West

III. REVIEW COMMENTS

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

 3/12/2012 3/15/12
VA OFMB 3/19/12 Contract Development and Control
 3-15-12 check

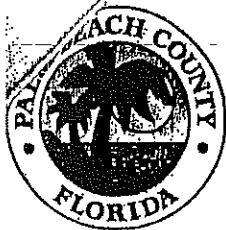
B. Legal Sufficiency:
 3/19/12
Assistant County Attorney

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 10-020

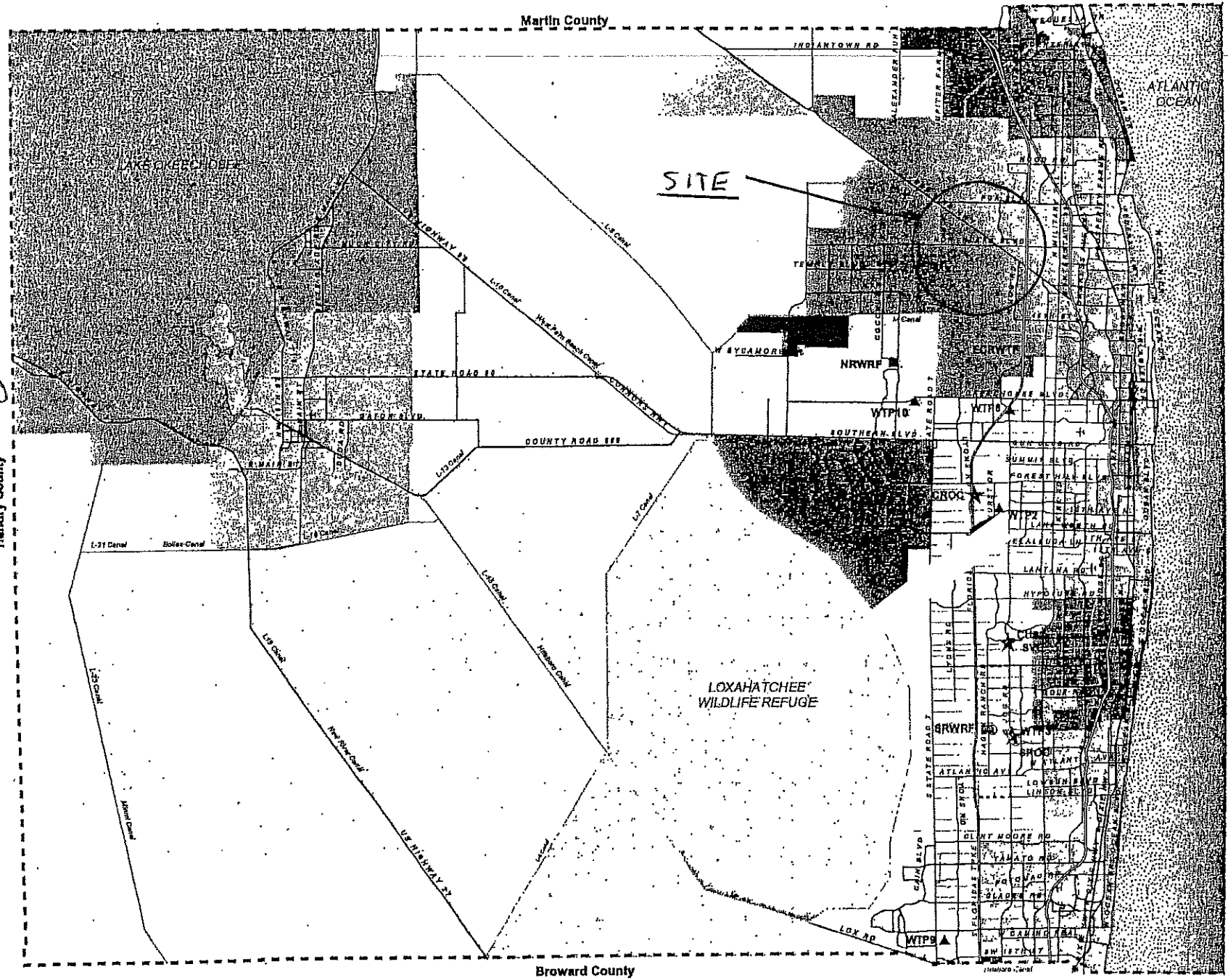
Attachment 1

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



SUPPLEMENT NO. 1 TO WORK AUTHORIZATION NO. 5

PROJECT: Annual Agreement Contract
WORK AUTHORIZATION NO. 5, North County Airport WM & FM Extension
WATER UTIL. DEPT. PROJECT NO. WUD 10-020
SUPPLEMENT NO.: 1
DISTRICT NUMBER: 1

| | | |
|----------------------------|---------------------|--------------------|
| TO (Contractor): | DOCUMENT NO. | R2011-0292 |
| AKA Services Inc | AUTHORIZATION DATE: | March 01, 2011 |
| 15551 Okeechobee Blvd Ave | NOTICE TO PROCEED: | June 01, 2011 |
| Loxahatchee, Florida 33470 | BUDGET LINE ITEM: | 4111-121-A280-6211 |

You are directed to make the following changes to this authorization:

| | |
|---|-------------------|
| 1.1 Remove line item 147, Aerial Crossing 12" wm | (41,289.99) |
| Remove line item 152. Aerial Crossing 6" Fm | (39,752.54) |
| 1.2 Add line item 50, 6" HDPE directional drill | 9,312.00 |
| Add line item 53, 12" HDPE directional drill | 21,728.00 |
| Add line item 76, 20" MJ restraints | 291.00 |
| Add line item 77, 24" MJ restraints | 388.00 |
| Add line item 21, 12" DIP wm | 1,666.40 |
| Add line item 37, DI fittings | 8,194.56 |
| Add line Item 84, 16" restraints | 407.40 |
| Add line Item 224, dewatering | 11,862.40 |
| 1.3 Overrun line item 5, 6" pvc wm | 24,409.08 |
| Overrun line Item 9, 6" DIP wm conflict | 1,746.00 |
| Overrun line Item 20 12" pvc wm | 1,874.04 |
| Overrun line item 58, 14" jack and bore | 7,760.00 |
| Overrun line item 61, 24" jack and bore | 13,580.00 |
| Overrun line item 80, 6" mechanical joint restraints | 4,120.56 |
| Overrun line item 83, 12" mechanical joint restraints | 931.20 |
| Overrun Line item 97, 6" pvc pressure pipe harness | 3,457.08 |
| Overrun line item 100, 12" pvc pressure pipe harness | 6,363.20 |
| Overrun line item 104, 6" Gate valve | 703.25 |
| Overrun line item 107, 12" Gate valve | 4,947.00 |
| Overrun line item 160, fire hydrant assembly | 6,790.00 |
| Overrun line item 298, bahia sod | 22,843.50 |
| Overrun line item 308, density tests | 3,938.20 |
| 1.4 Mobile/Demobilization | 20,000.00 |
| 1.5 Additional Depth of Casing pipe | 10,000.00 |
| | Total: 106,270.34 |

Continuing Construction Contract
 Project No. WUD10-046
 Contract No. R2010-1422
 Supplement No. 1 To Work Authorization No. 5
 Project (WUD 10-002) R2011-0292
 District Number: 1

NOT VALID UNTIL SIGNED BY BOTH OWNER AND ENGINEER. SIGNATURE OF THE CONTRACTOR INDICATES HIS AGREEMENT HERewith INCLUDING ANY ADJUSTMENT IN THE AUTHORIZATION SUM OR AUTHORIZATION TIME, AND NO ADDITIONAL COST OR TIME INDICATED HEREIN WILL BE RELATED TO THIS SUPPLEMENT

| | |
|--|-----------------------|
| The Original Authorization Sum was | <u>\$1,087,365.65</u> |
| Net Change by previous Supplements | <u>\$0.00</u> |
| The Authorization Sum prior to this Supplement was | <u>\$1,087,365.65</u> |
| The Authorization Sum will be increased by this Supplement.. | <u>106,270.34</u> |
| The New Authorization Sum indicating this Supplement will be | <u>\$1,193,635.99</u> |
| The Authorization Time will be increased by 60 days | <u>(60) Days</u> |
| The Date of Substantial Compl. including this Supplement:... | <u>May 06, 2012</u> |
| The Date of Final Completion including this Supplement:..... | <u>June 05, 2012</u> |

=====

Execution of this supplement 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.

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Continuing Construction Contract
Project No. WUD10-046
Contract No. R2010-1422
Supplement No. 1 To Work Authorization No. 5
Project (WUD 10-002) R2011-0292
District Number: 1

Joseph Tanacredi, P.E.
ENGINEER
P.O. Box 16097
Address
W. Palm Beach, FL 33416

AKA Services Inc.
CONTRACTOR
15551 Okeechobee Blvd
Address
Loxahatchee, FL 33470

BOARD Of County Comm.
OWNER
P.O. Box 16097
WPB, FL 33416

BY Joseph Tanacredi
DATE 2-17-12

BY Josephine Beall
DATE 2-22-12

BY _____
Shelley Vana, Chair
DATE _____

AS 2/22/12

Approved as to Form and Legal Sufficiency

By: _____
County Attorney

Attest: Sharon R. Brock, Clerk and Comptroller

By: _____
Deputy Clerk

Continuing Construction Contract
Project No. WUD10-046
Contract No. R2010-1422
Supplement No. 1 To Work Authorization No. 5
Project (WUD 10-002) R2011-0292
District Number: 1

AUTHORIZATION CATEGORIZATION

OWNER INITIATED QUANTITY OVERRUNS/UNDER-RUNS
 DIFFERING SITE CONDITIONS REQUEST BY ANOTHER AGENCY/OUTSIDE
 ZONING/CODE/ORDINANCE CHANGES A. REIMBURSABLE
 ERRORS/OMISSIONS/IN DESIGN B. NON-REIMBURSABLE

Continuing Construction Contract
Project No. WUD10-046
Contract No. R2010-1422
Supplement No. 1 To Work Authorization No. 5
Project (WUD 10-002) R2011-0292
District Number: 1

SCOPE OF WORK

- 1 Delete line items in the work authorization to change the scope of work. Replace aerial crossing line items with directional drill line items as per approved contract. (Owner Initiated)
- 2 Add line items in the work authorization do to change in scope of work. Replace aerial crossing with directional drill required by SFWM permit and other line items that weren't part of the original scope of work. (Request by another agency)
- 3 Overrun line items do to change in scope of work. Change the jack and bore length and dept do to CSX permit revision requirements and other line items that overran in quantity per original design. (Overrun/underrun)
- 4 Contractor completed all contract work was requested to removed all its equipment from the DOT ROW until the County obtain the CXS permit. (Owner Initiated)
5. The CSX permit required that the Jack and Bore casing be installed at an additional two feet in depth from the original design (Request by another Agency)

Continuing Construction Contract
Project No. WUD10-046
Contract No. R2010-1422
Supplement No. 1 To Work Authorization No. 5
Project (WUD 10-002) R2011-0292
District Number: 1

COST SUMMARY

| <u>Supp. #</u> | <u>DESCRIPTION</u> | <u>ADDITIONS</u> | <u>(DELETIONS)</u> | <u>NET CHANGE</u> |
|----------------|--------------------|------------------|--------------------|-------------------|
| 1.1 | Delete line items | | (81,042.53) | (81,042.53) |
| 1.2 | Add line items | 53,849.76 | | 53,849.76 |
| 1.3 | Overrun line items | 79,077.57 | | 79,077.57 |
| 1.4 | Mobil/Demob | 20,000.00 | | 20,000.00 |
| 1.5 | Extra depth | 10,000.00 | | 10,000.00 |
| | Total | | | 106,270.34 |

**Palm Beach County Water Utilities Department
Pipeline Continuing Construction Contract WUD 10-046
AKA Services, Inc.**

Water & Sewer Service to North County Airport

BILL NO. 4

ORIGINAL ESTIMATE

COMPLETED

| NO. | BID ITEM (Furnish and Install with Appurtenances) | QUANTITY | UNIT | UNIT PRICE | TOTAL | Quantity to Date | Cost to Date | Cost to Complete | % Complete | Final Unit | Final Cost | Over(Under) |
|-----|--|----------|----------|------------------------|----------------|-----------------------|---------------|---------------------|------------|------------|------------|-------------|
| 1 | 4" PVC Push-On Joint Wastewater Force Main (36" to 60" Cover) | 2,348 | L.F. | \$9.70 | \$22,775.60 | | \$ - | \$ (22,775.60) | 0% | | | |
| 2 | 4" DIP Push-On Joint Water Main/Reclaimed Water Main (36" to 60" Cover) | 190 | L.F. | \$21.34 | \$4,054.60 | | \$ - | \$ (4,054.60) | 0% | | | |
| 3 | 4" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover) | 140 | L.F. | \$31.04 | \$4,345.60 | | \$ - | \$ (4,345.60) | 0% | | | |
| 4 | 4" DIP Water Main Conflict (30' of 4" DIP) center 20' length of restrained joint water main (60" to 72" cover) and 4-45 degree elbows under existing pipe | 3 | Each | \$1,057.00 | \$3,201.00 | | \$ - | \$ (3,201.00) | 0% | | | |
| 5 | 6" PVC Push-On Joint Water Main/Reclaimed Water Main/Wastewater Force Main (36" to 60" Cover) | 10,812 | L.F. | \$11.64 | \$125,851.68 | 12,908 | \$ 150,260.76 | \$ 24,408.08 | 119% | | | |
| 6 | 6" DIP Push-On Joint Water Main/Reclaimed Water Main (36" to 60" Cover) | 250 | L.F. | \$21.34 | \$5,335.00 | | \$ - | \$ (5,335.00) | 0% | | | |
| 7 | 8" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover) | 280 | L.F. | \$31.04 | \$8,891.20 | 50 | \$ 1,852.40 | \$ (5,828.80) | 21% | | | |
| 9 | 6" DIP Wastewater Main Conflict (30' of 6" DIP) center 20' length of restrained joint water main (60" to 84" cover) and 4-45 degree elbows under existing pipe | 3 | Each | \$1,745.00 | \$5,238.00 | 4 | \$ 6,984.00 | \$ 1,746.00 | 133% | | | |
| 10 | 6" PVC Push-On Joint Water Main/Reclaimed Water Main/Wastewater Force Main (36" to 60" Cover) | 25 | L.F. | \$14.55 | \$363.75 | | \$ - | \$ (363.75) | 0% | | | |
| 20 | 12" PVC Push-On Joint Water Main/Wastewater Force Main/Reclaimed Water Main (36" to 60" Cover) | 10,920 | L.F. | \$27.15 | \$296,587.20 | 10,989 | \$ 298,451.24 | \$ 1,874.04 | 101% | | | |
| 23 | 12" DIP Water Main Conflict center 20' length of restrained joint water main (60" to 84" cover) and 4-45 degree elbows under existing pipe | 3 | Each | \$3,395.00 | \$10,185.00 | 2 | \$ 6,790.00 | \$ (3,395.00) | 67% | | | |
| 38 | Ductile Iron Fittings for Wastewater Force Main | 1.5 | Tons | \$7,760.00 | \$11,640.00 | 0.98 | \$ 7,604.80 | \$ (4,035.20) | 65% | | | |
| 58 | 14" Jack & Bore Steel Casing w/8" Water/Wastewater/Reclaimed Water Carrier Pipe | 200 | L.F. | \$194.00 | \$38,800.00 | | \$ - | \$ (38,800.00) | 0% | | | |
| 61 | 24" Jack & Bore Steel Casing w/12" Water/Wastewater/Reclaimed Water Carrier Pipe | 200 | L.F. | \$349.50 | \$69,900.00 | | \$ - | \$ (69,900.00) | 0% | | | |
| 79 | 4" Mechanical Joint Restraint for PVC | 35 | Each | \$44.62 | \$1,472.46 | | \$ - | \$ (1,472.46) | 0% | | | |
| 80 | 5" Mechanical Joint Restraint for PVC | 57 | Each | \$57.23 | \$3,252.11 | 129 | \$ 7,382.67 | \$ 4,120.56 | 226% | | | |
| 81 | 6" Mechanical Joint Restraint for PVC | 6 | Each | \$84.99 | \$389.94 | | \$ - | \$ (389.94) | 0% | | | |
| 83 | 12" Mechanical Joint Restraint for PVC | 53 | Each | \$116.40 | \$7,333.20 | 71 | \$ 8,284.40 | \$ 931.20 | 113% | | | |
| 96 | 4" PVC Pressure Pipe Restraint Harness | 17 | Each | \$65.95 | \$1,121.32 | | \$ - | \$ (1,121.32) | 0% | | | |
| 97 | 6" PVC Pressure Pipe Restraint Harness | 18 | Each | \$78.57 | \$1,414.26 | 52 | \$ 4,871.34 | \$ 3,457.08 | 344% | | | |
| 100 | 12" PVC Pressure Pipe Restraint Harness | 26 | Each | \$198.55 | \$5,170.10 | 58 | \$ 11,533.30 | \$ 6,363.20 | 223% | | | |
| 103 | 4" Gate Valve & Valve Box | 2 | Each | \$630.50 | \$1,261.00 | | \$ - | \$ (1,261.00) | 0% | | | |
| 104 | 6" Gate Valve & Valve Box | 10 | Each | \$703.25 | \$7,032.50 | 11 | \$ 7,735.75 | \$ 703.25 | 110% | | | |
| 105 | 8" Gate Valve & Valve Box | 1 | Each | \$945.75 | \$945.75 | | \$ - | \$ (945.75) | 0% | | | |
| 107 | 12" Gate Valve & Valve Box | 10 | Each | \$1,649.00 | \$16,490.00 | 13 | \$ 21,437.00 | \$ 4,947.00 | 130% | | | |
| 147 | Aerial Crossing Complete (12" Water/Reclaimed Water Main) | 1 | Lump Sum | \$41,289.99 | \$41,289.99 | | \$ - | \$ (41,289.99) | 0% | | | |
| 152 | Aerial Crossing Complete (6" Wastewater Force Main) | 1 | Lump Sum | \$39,752.54 | \$39,752.54 | | \$ - | \$ (39,752.54) | 0% | | | |
| 180 | Fire Hydrant Assembly with 1/2" Gate Valve & 6" DIP (42" burial) | 8 | Each | \$3,395.00 | \$27,160.00 | 10 | \$ 33,950.00 | \$ 6,790.00 | 129% | | | |
| 163 | Bollards for Fire Hydrant | 4 | Each | \$145.50 | \$582.00 | | \$ - | \$ (582.00) | 0% | | | |
| 165 | Sample Points on Fire Hydrants | 8 | Each | \$97.00 | \$776.00 | | \$ - | \$ (776.00) | 0% | | | |
| 167 | 2" Blowoff Piping with Box | 1 | Each | \$727.50 | \$727.50 | | \$ - | \$ (727.50) | 0% | | | |
| 168 | 1" Air Release Valve w/Manhole for Water/Reclaimed Main | 1 | Each | \$5,335.00 | \$5,335.00 | 1 | \$ 5,335.00 | \$ - | 100% | | | |
| 169 | 1" Offset Air Release Valve w/Manhole for Water/Reclaimed Water Main | 1 | Each | \$4,365.00 | \$4,365.00 | | \$ - | \$ (4,365.00) | 0% | | | |
| 172 | 2" Air Release Valve w/Manhole for Wastewater Force Main | 2 | Each | \$6,305.00 | \$12,610.00 | 1 | \$ 6,305.00 | \$ (6,305.00) | 50% | | | |
| 218 | 4" to 12" Diameter Connection to Existing Water Main/Reclaimed Water Main or Force Main (Joint Restraint for existing pipe is not included) | 2 | Each | \$4,365.00 | \$8,730.00 | | \$ - | \$ (8,730.00) | 0% | | | |
| 219 | 16" to 20" Diameter Connection to Existing Water Main/Reclaimed Water Main or Force Main (Joint Restraint for existing pipe is not included) | 1 | Each | \$7,760.00 | \$7,760.00 | 1 | \$ 7,760.00 | \$ - | 100% | | | |
| 220 | 24" to 30" Diameter Connection to Existing Water Main/Reclaimed Water Main or Force Main (Joint Restraint for existing pipe is not included) | 1 | Each | \$9,700.00 | \$9,700.00 | 1 | \$ 9,700.00 | \$ - | 100% | | | |
| 286 | Asphalt Roadway Removal and Restoration (2.5" Thick) | 203.2 | Sq. Yd. | \$29.10 | \$5,913.12 | | \$ - | \$ (5,913.12) | 0% | | | |
| 292 | Lime Rock Driveway or Roadway Removal and Restoration | 163.5 | Tons | \$24.25 | \$3,964.88 | | \$ - | \$ (3,964.88) | 0% | | | |
| 298 | Bahta Sod | 33,800 | Sq. Yd. | \$2.91 | \$98,358.00 | 41,690 | \$ 121,201.50 | \$ 22,843.50 | 123% | | | |
| 301 | Record Drawing | 24,965 | L.F. | \$1.46 | \$36,448.90 | 24,000 | \$ 35,040.00 | \$ (1,408.90) | 96% | | | |
| 302 | Construction Survey | 24,965 | L.F. | \$1.46 | \$36,448.90 | 24,965 | \$ 36,448.90 | \$ - | 100% | | | |
| 303 | Preconstruction Video Taping | 24,965 | L.F. | \$0.97 | \$24,216.05 | 24,965 | \$ 24,216.05 | \$ - | 100% | | | |
| 306 | Maintenance of Traffic Arterial Roadway | 700 | L.F. | \$3.88 | \$2,716.00 | 700 | \$ 2,716.00 | \$ - | 100% | | | |
| 308 | Density Tests | 50 | Each | \$56.20 | \$2,810.00 | 120 | \$ 6,751.20 | \$ 3,936.20 | 240% | | | |
| 309 | Proctor Tests | 3 | Each | \$194.00 | \$582.00 | 3 | \$ 582.00 | \$ - | 100% | | | |
| | | | | Subtotal | \$1,021,110.15 | | \$823,953.31 | | | | | |
| | | | | Mobilization | 1 LS | \$66,255.51 | 1 | \$66,255.51 | | | | |
| | | | | Work Not Included | 1 LS | \$43,851.78 | 1 | \$43,851.78 | | | | |
| | | | | Total Bid Price | | \$1,087,365.66 | | \$933,300.56 | 86% | | | |

\$184,065.06 86%

Work Not Included

| | | | | | |
|----|---------------------------------------|------|------|-------------|--------------|
| 21 | 12" DIP Push-On Joint Water Main | 40 | L.F. | \$ 41.71 | \$ 1,668.40 |
| 37 | Ductile Iron Fittings for Water Main | 1.76 | Tons | \$ 4,656.00 | \$ 8,194.56 |
| 50 | 6" HDPE Directional Drill Force Main | 320 | L.F. | \$ 28.10 | \$ 9,112.00 |
| 53 | 12" HDPE Directional Drill Water Main | 320 | L.F. | \$ 67.90 | \$ 21,728.00 |
| 76 | 20" M.J. Restraint for DIP | 1 | EA | \$ 291.00 | \$ 291.00 |
| 77 | 24" M.J. Restraint for DIP | 1 | EA | \$ 388.00 | \$ 388.00 |
| 84 | 16" M.J. Restraint for PVC | 2 | EA | \$ 203.70 | \$ 407.40 |

Dewatering with Wellpoints (at Tie-In locations, and at FM station 141+00, Sheet 8)

| | | | | | |
|-----|--|-----|------|--------|--------------|
| 224 | | 240 | L.F. | \$7.76 | \$ 1,862.40 |
| | | | | | \$ 43,851.78 |

**Palm Beach County Water Utilities Department
Pipeline Continuing Construction Contract WUD 10-046
AKA Services, Inc.
Water & Sewer Service to North County Airport**

Based on BILL NO. 4

ORIGINAL ESTIMATE

COMPLETED

| NO. | BID ITEM (Furnish and install with Appurtenances) | QUANTITY | UNIT | UNIT PRICE | TOTAL | COMPLETED | | Cost to Complete | % Complete | Final Unit | Final Cost | Over/Under |
|-----|--|----------|----------|-------------|-----------------|------------------|----------------|------------------|------------|------------|------------------|--------------|
| | | | | | | Quantity to Date | Cost to Date | | | | | |
| 1 | 4" PVC Push-On Joint Wastewater Force Main (36" to 60" Cover) | 2,348 | L.F. | \$9.76 | \$22,775.60 | | | \$ (22,775.60) | 0% | 2,348.00 | \$22,775.60 | \$0.00 |
| 2 | 4" DIP Push-On Joint Water Main/Reclaimed Water Main (36" to 60" Cover) | 190 | L.F. | \$21.34 | \$4,054.60 | | | \$ (4,054.60) | 0% | 190.00 | \$4,054.60 | \$0.00 |
| 3 | 4" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover) | 140 | L.F. | \$31.04 | \$4,345.60 | | | \$ (4,345.60) | 0% | 140.00 | \$4,345.60 | \$0.00 |
| 4 | 4" DIP Water Main Conflict (30" of 4" DIP) center 20' length of restrained joint water main (60" to 72" cover) and 4-45 degree elbows under existing pipe | 3 | Each | \$1,067.00 | \$3,201.00 | | | \$ (3,201.00) | 0% | 3.00 | \$3,201.00 | \$0.00 |
| 5 | 6" PVC Push-On Joint Water Main/Reclaimed Water Main/Wastewater Force Main (36" to 60" Cover) | 10,812 | L.F. | \$11.64 | \$125,851.68 | 12,909 | \$ 150,260.76 | \$ 24,409.08 | 119% | 12,909.00 | \$150,260.76 | \$24,409.08 |
| 6 | 6" DIP Push-On Joint Water Main/Reclaimed Water Main (36" to 60" Cover) | 260 | L.F. | \$21.34 | \$5,335.00 | | | \$ (5,335.00) | 0% | 260.00 | \$5,335.00 | \$0.00 |
| 7 | 6" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover) | 280 | L.F. | \$31.04 | \$8,891.20 | 60 | \$ 1,862.40 | \$ (6,828.80) | 21% | 280.00 | \$8,891.20 | \$0.00 |
| 8 | 6" DIP Wastewater Main Conflict (30" of 6" DIP) center 20' length of restrained joint water main (60" to 72" cover) and 4-45 degree elbows under existing pipe | 3 | Each | \$1,745.00 | \$5,235.00 | 4 | \$ 6,984.00 | \$ 1,745.00 | 133% | 4.00 | \$6,984.00 | \$1,745.00 |
| 10 | 6" PVC Push-On Joint Water Main/Reclaimed Water Main/Wastewater Force Main (36" to 60" Cover) | 25 | L.F. | \$14.55 | \$363.75 | | | \$ (363.75) | 0% | 25.00 | \$363.75 | \$0.00 |
| 20 | 12" PVC Push-On Joint Water Main/Wastewater Force Main/Reclaimed Water Main (36" to 60" Cover) | 10,920 | L.F. | \$27.16 | \$296,987.20 | 10,989 | \$ 298,461.24 | \$ 1,874.04 | 101% | 10,989.00 | \$298,461.24 | \$1,874.04 |
| 23 | 12" DIP Water Main Conflict center 20' length of restrained joint water main (60" to 84" cover) and 4-45 degree elbows under existing pipe | 3 | Each | \$3,395.00 | \$10,185.00 | 2 | \$ 6,790.00 | \$ (3,395.00) | 67% | 3.00 | \$10,185.00 | \$0.00 |
| 38 | Ductile Iron Fittings for Wastewater Force Main | 1.5 | Tons | \$7,790.00 | \$11,640.00 | 0.98 | \$ 7,604.80 | \$ (4,035.20) | 65% | 1.50 | \$11,640.00 | \$0.00 |
| 48 | 14" Jack & Bore Steel Casing w/12" Water/Wastewater/Reclaimed Water Carrier Pipe | 200 | L.F. | \$194.00 | \$38,800.00 | | | \$ (38,800.00) | 0% | 240.00 | \$46,560.00 | \$7,760.00 |
| 51 | 24" Jack & Bore Steel Casing w/12" Water/Wastewater/Reclaimed Water Carrier Pipe | 200 | L.F. | \$39.50 | \$7,900.00 | | | \$ (7,900.00) | 0% | 240.00 | \$91,480.00 | \$13,580.00 |
| 79 | 4" Mechanical Joint Restraint for PVC | 33 | Each | \$44.62 | \$1,472.46 | | | \$ (1,472.46) | 0% | 33.00 | \$1,472.46 | \$0.00 |
| 80 | 6" Mechanical Joint Restraint for PVC | 57 | Each | \$57.23 | \$3,262.11 | 129 | \$ 7,382.67 | \$ 4,120.56 | 226% | 129.00 | \$7,382.67 | \$4,120.56 |
| 81 | 8" Mechanical Joint Restraint for PVC | 6 | Each | \$64.99 | \$389.94 | | | \$ (389.94) | 0% | 6.00 | \$389.94 | \$0.00 |
| 83 | 12" Mechanical Joint Restraint for PVC | 63 | Each | \$116.40 | \$7,333.20 | 71 | \$ 8,264.40 | \$ 931.20 | 113% | 71.00 | \$8,264.40 | \$931.20 |
| 86 | 14" PVC Pressure Pipe Restraint Harness | 17 | Each | \$65.96 | \$1,121.32 | | | \$ (1,121.32) | 0% | 17.00 | \$1,121.32 | \$0.00 |
| 87 | 6" PVC Pressure Pipe Restraint Harness | 18 | Each | \$78.57 | \$1,414.26 | 62 | \$ 4,871.34 | \$ 3,457.08 | 344% | 62.00 | \$4,871.34 | \$3,457.08 |
| 100 | 12" PVC Pressure Pipe Restraint Harness | 26 | Each | \$188.85 | \$4,910.10 | 58 | \$ 11,539.30 | \$ 6,365.20 | 223% | 58.00 | \$11,539.30 | \$6,365.20 |
| 103 | 14" Gate Valve & Valve Box | 2 | Each | \$630.50 | \$1,261.00 | | | \$ (1,261.00) | 0% | 2.00 | \$1,261.00 | \$0.00 |
| 104 | 8" Gate Valve & Valve Box | 10 | Each | \$703.25 | \$7,032.50 | 11 | \$ 7,735.75 | \$ 703.25 | 110% | 11.00 | \$7,735.75 | \$703.25 |
| 105 | 8" Gate Valve & Valve Box | 1 | Each | \$945.75 | \$945.75 | | | \$ (945.75) | 0% | 1.00 | \$945.75 | \$0.00 |
| 107 | 12" Gate Valve & Valve Box | 10 | Each | \$1,649.00 | \$16,490.00 | 13 | \$ 21,437.00 | \$ 4,947.00 | 130% | 13.00 | \$21,437.00 | \$4,947.00 |
| 147 | Aerial Crossing Complete (12" Water/Reclaimed Water Main) | 1 | Lump Sum | \$41,289.99 | \$41,289.99 | | | \$ (41,289.99) | 0% | - | \$0.00 | -\$41,289.99 |
| 152 | Aerial Crossing Complete (6" Wastewater Force Main) | 1 | Lump Sum | \$39,752.54 | \$39,752.54 | | | \$ (39,752.54) | 0% | - | \$0.00 | -\$39,752.54 |
| 160 | Fire Hydrant Assembly with 1/2" Gate Valve & 6" DIP (42" burial) | 8 | Each | \$3,395.00 | \$27,160.00 | 10 | \$ 33,950.00 | \$ 6,790.00 | 125% | 10.00 | \$33,950.00 | \$6,790.00 |
| 163 | Bollards for Fire Hydrant | 4 | Each | \$145.50 | \$582.00 | | | \$ (582.00) | 0% | 4.00 | \$582.00 | \$0.00 |
| 165 | Sample Points on Fire Hydrants | 8 | Each | \$97.00 | \$776.00 | | | \$ (776.00) | 0% | 8.00 | \$776.00 | \$0.00 |
| 167 | 2" Blowoff Piping with Box | 1 | Each | \$727.50 | \$727.50 | | | \$ (727.50) | 0% | 1.00 | \$727.50 | \$0.00 |
| 168 | 1" Air Release Valve w/Manhole for Water/Reclaimed Main | 1 | Each | \$5,335.00 | \$5,335.00 | 1 | \$ 5,335.00 | \$ - | 100% | 1.00 | \$5,335.00 | \$0.00 |
| 169 | 1" Offset Air Release Valve w/Manhole for Water/Reclaimed Water Main | 1 | Each | \$4,385.00 | \$4,385.00 | | | \$ (4,385.00) | 0% | 1.00 | \$4,385.00 | \$0.00 |
| 172 | 2" Air Release Valve w/Manhole for Wastewater Force Main | 2 | Each | \$6,305.00 | \$12,610.00 | 1 | \$ 8,305.00 | \$ (6,305.00) | 50% | 2.00 | \$12,610.00 | \$0.00 |
| 218 | 4" to 12" Diameter Connection to Existing Water Main/Reclaimed Water Main or Force Main (Joint Restraint for existing pipe is not included) | 2 | Each | \$4,365.00 | \$8,730.00 | | | \$ (8,730.00) | 0% | 2.00 | \$8,730.00 | \$0.00 |
| 219 | 16" to 20" Diameter Connection to Existing Water Main/Reclaimed Water Main or Force Main (Joint Restraint for existing pipe is not included) | 1 | Each | \$7,760.00 | \$7,760.00 | 1 | \$ 7,760.00 | \$ - | 100% | 1.00 | \$7,760.00 | \$0.00 |
| 220 | 24" to 30" Diameter Connection to Existing Water Main/Reclaimed Water Main or Force Main (Joint Restraint for existing pipe is not included) | 1 | Each | \$9,700.00 | \$9,700.00 | 1 | \$ 9,700.00 | \$ - | 100% | 1.00 | \$9,700.00 | \$0.00 |
| 286 | Asphalt Roadway Removal and Restoration (2.5" thick) | 203.2 | Sq. Yd. | \$29.10 | \$5,913.12 | | | \$ (5,913.12) | 0% | 203.20 | \$5,913.12 | \$0.00 |
| 292 | Lime Rock Driveway or Roadway Removal and Restoration | 163.6 | Tons | \$24.25 | \$3,964.88 | | | \$ (3,964.88) | 0% | 163.60 | \$3,964.88 | \$0.00 |
| 298 | Basis Set | 33,800 | Sq. Yd. | \$2.91 | \$98,358.00 | 41,850 | \$ 121,201.50 | \$ 22,843.50 | 123% | 41,850.00 | \$121,201.50 | \$22,843.50 |
| 301 | Record Drawing | 24,965 | L.F. | \$1.45 | \$36,199.25 | 24,000 | \$ 35,040.00 | \$ (1,408.90) | 96% | 24,965.00 | \$36,199.25 | \$0.00 |
| 302 | Construction Survey | 24,965 | L.F. | \$1.45 | \$36,199.25 | 24,965 | \$ 36,199.25 | \$ - | 100% | 24,965.00 | \$36,199.25 | \$0.00 |
| 303 | Preconstruction Video Taping | 24,965 | L.F. | \$0.97 | \$24,216.05 | 24,965 | \$ 24,216.05 | \$ - | 100% | 24,965.00 | \$24,216.05 | \$0.00 |
| 306 | Maintenance of Traffic Arterial Roadway | 700 | L.F. | \$3.09 | \$2,163.00 | 700 | \$ 2,163.00 | \$ - | 100% | 700.00 | \$2,163.00 | \$0.00 |
| 308 | Density Tests | 50 | Each | \$36.26 | \$1,813.00 | 120 | \$ 6,751.20 | \$ 3,938.20 | 240% | 120.00 | \$6,751.20 | \$3,938.20 |
| 309 | Proctor Tests | 3 | Each | \$154.00 | \$462.00 | 3 | \$ 462.00 | \$ - | 100% | 3.00 | \$462.00 | \$0.00 |
| | | | | | Subtotal | | \$1,021,110.15 | | | | \$823,193.31 | |
| | Mobilization | 1 | L.S. | | \$88,255.51 | 1 | \$88,255.51 | | | | \$88,255.51 | |
| | Work Not Included | 1 | L.S. | \$9,845.78 | \$9,845.78 | 1 | \$9,845.78 | | | | \$9,845.78 | |
| | | | | | Total Bid Price | | \$973,298.56 | \$114,067.08 | 90% | | Total Over/Under | \$93,849.76 |
| | | | | | | | | | | | | \$106,270.14 |

Work Not Included

21 12" DIP Push-On Joint Water Main 40 L.F. \$ 41.71 \$ 1,668.40

37 Ductile Iron Fittings for Water Main 1.76 Tons \$ 4,858.00 \$ 8,194.88

50 6" HDPE Directional Drill Force Main 320 L.F. \$ 29.10 \$ 9,312.00

53 12" HDPE Directional Drill Water Main 320 L.F. \$ 67.90 \$ 21,728.00

76 20" MJ Restraint for DIP 1 EA \$ 291.00 \$ 291.00

77 24" MJ Restraint for DIP 1 EA \$ 388.00 \$ 388.00

84 24" MJ Restraint for PVC 2 EA \$ 203.70 \$ 407.40

Dewatering with Wellpoints (at Tie-in locations, and at 224 FM station 141+00, Sheet 18)

224 FM station 141+00, Sheet 18) 1520 L.F. \$7.76 \$ 11,862.40

Additional Depth 1 L.S. \$10,000.00 \$10,000.00

Remobilization and Demobilization 1 L.S. \$20,000.00 \$20,000.00

\$ 83,848.78

SUPPLEMENT ADDITIONS/DELETIONS SUMMARY

PROJECT: North County Airport Water Main

APPROVAL LIMITS:

| | | | | | | | |
|------------------|----------------|------------------|-----------------|---------|---------------------------|---------|--|
| CONTRACTOR: | AKA, Inc. | | DEPARTMENT HEAD | | CONTRACT REVIEW COMMITTEE | | DEPARTMENT HEAD PLUS CONTRACT REVIEW COMMITTEE |
| PROJECT NO.: | 10-020 | | | | | | |
| RESOLUTION: | R2011-0292 | | (Amount) | (Days) | (Amount) | (Days) | (Amount) (Days) |
| DATE APPROVED: | 03/01/11 | INDIVIDUAL C.O. | \$50,000.00 | 16 Days | \$100,000.00 | 33 Days | \$0 0 Days |
| CONTRACT AMOUNT: | \$1,087,365.65 | CUMMULATIVE C.O. | \$25,000.00 | 33 Days | \$100,000.00 | 33 Days | \$200,000.00 63 Days |

| Supple | 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 | |
| 001 | pending | 106,270.34 | 0 | 0 | 106,270.34 | 60 | 106,270.34 | 60 | 0 | 0 | 106,270.34 |
| TOTAL | | 106,270.34 | 0 | 0 | 106,270.34 | 60 | 106,270.34 | 60 | 0 | 0 | 106,270.34 |

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 = \$ 1000 (After Substantial Completion).

SCHEDULE 1

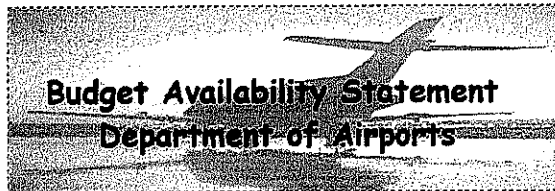
PARTICIPATION BY M/WBE SUBCONTRACTORS

PROJECT NAME: North County Airport 10-020
 NAME OF PRIME CONTRACTOR: AKA Services SUPPLEMENT NO. 1
 CONTACT PERSON: Steven Fowler PHONE NO: 561-791-7565 FAX NO. 561-791-7561
 Authorization : 5 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>\$1,087,365.65</u> | Original Participation | <u>\$178,931.00</u> | Percent Participation | <u>16.50</u> |
| Adjusted Contract Amount | <u>\$1,143,635.99</u> | Adjusted Participation | <u>\$178,931.00</u> | Adjusted Percent | <u>15.11</u> |

M/WBE



DATE: January 11, 2011
TO: Jerry L. Allen, AAE
Deputy Director
FROM: Fred Passelli
Airport Fiscal Manager
RE: Water Utilities Department
Construction of Water and Sewer Connection at
North Palm Beach County General Aviation Airport
AKA Services, Inc.
CC: File

Please be advised that funds are available in the amount of not to exceed
\$ 1,200,000 in account # 4111 - 121 - A280-109 6211 requested by Palm
Beach County Water Utilities Department for the construction of water and
sewer connection at North Palm Beach County General Aviation Airport. (See
attached bid tabulation from AKA Services, Inc.)

Fred Passelli 1-18-11
Fred Passelli (Dated)



DATE: March 2, 2012

TO: Jerry L. Allen, AAE
 Deputy Director

FROM: Fred Passelli
 Airport Fiscal Manager

RE: Palm Beach County Water Utilities Department
 Water and Sewer Connection at
 North Palm Beach County General Aviation Airport
 AKA Services, Inc. (Supplement #1 to Work Authorization #5)

CC: File

Please be advised that funds are available in the amount of not to exceed \$10,688.93 in account # 4111 - 121 - A280-109 - 65846E to cover overruns/underruns and the CSX revised changes to the above contract with AKA Services, Inc. This work is required for the completion of the water and sewer connection to North Palm Beach County General Aviation Airport.

Fred Passelli 3-6-12
 Fred Passelli (Dated)