

**Coral Springs  
Improvement District**

**Agenda**

**February 27, 2017**



## Coral Springs Improvement District

February 16, 2017

Board of Supervisors  
Coral Springs Improvement District

Dear Board Members:

The regular meeting of the Board of Supervisors of the Coral Springs Improvement District will be held on February 27, 2017 at 4:00 p.m. at the District Offices, 10300 NW 11<sup>th</sup> Manor, Coral Springs, Florida. Following is the advance agenda for the meeting.

1. Roll Call
2. Approval of the Minutes of the January 23, 2017 Meeting.
3. Audience Comments
4. Permits (Placeholder)
  - A. Our Lady of Health Church
  - B. Coral Springs Animal Hospital
5. Consideration of Lift Stations Repairs by Trio Piggybacking off of Broward County
6. Award of Vertical Motor Spares Bid
7. Award of Culvert Cleaning Bid
8. Award of Water Loss Reduction Bid
9. Consideration of Work Authorizations
  - A. Work Authorization #122 for CSID Administration Building Assessment for a Total Cost of \$24,000
  - B. Work Authorization #123 for Canal Bank Assessment and Stabilization Design at Sites 6 through 12 for a Total Cost of \$216,016
10. Discussion and Consideration of Law Firms – Tabled Item
11. Staff Reports
  - A. Manager – Ken Cassel
  - B. Engineer – Troy Lyn (Report Included)
  - C. Department Reports
    - Operations – Dan Daly
      - Utility Billing Work Orders
    - Utilities Update (David McIntosh)
    - Water – Joe Stephens (Report Included)
    - Wastewater – Tim Martin (Report Included)
    - Stormwater – Shawn Frankenhauser (Report Included)
    - Field – Curt Dwiggins (Report Included)
  - Human Resources – Jan Zilmer



## Coral Springs Improvement District

- Motion to Accept Department Reports
  - D. Attorney
- 12. Approval of Financial Statements for January 2017
- 13. Supervisors' Requests
- 14. Adjournment

Any supporting documents not included in the agenda package will be distributed at the meeting. If you have any questions prior to the meeting, please contact me.

Sincerely,

*Kenneth Cassel*

Kenneth Cassel/sd  
District Manager

cc: Stephen Bloom  
William Capko  
Dan Daly  
David McIntosh  
Tim Martin  
Terry Lewis

Shawn Frankenhauser  
Troy Lyn  
John McKune  
Diane Rottner  
Curt Dwiggin

Kay Holmes  
Beverley Servé  
Joe Stephens  
Jan Zilmer  
Rick Olson

# MINUTES

**MINUTES OF MEETING  
CORAL SPRINGS IMPROVEMENT DISTRICT**

A regular meeting of the Board of Supervisors of the Coral Springs Improvement District was held on Monday, January 23, 2017 at 4:00 p.m. at the District Office, 10300 NW 11<sup>th</sup> Manor, Coral Springs, Florida.

Present and constituting a quorum were:

Martin Shank	President
Nick St. Cavish	Secretary

Also present were:

Kenneth Cassel	District Manager
Terry Lewis	District Counsel (Via Telephone)
Dan Daly	Director of Operations
Rick Olson	District Engineer
Jan Zilmer	Human Resources
Kay Holmes	District Accountant
Joe Stephens	Water Department
Curt Dwiggin	Field Superintendent
Tim Martin	Wastewater Department
Shawn Frankenhauser	Drainage Department
Marc Grace	Keefe, McCullough and Associates
Sandra Demarco	Severn Trent Services

*The following is a summary of the minutes and actions taken during the January 23, 2017 CSID Board of Supervisors Meeting.*

**FIRST ORDER OF BUSINESS**

**Roll Call**

Mr. Cassel called the meeting to order and called the roll.

**SECOND ORDER OF BUSINESS**

**Approval of the Minutes of the December 19, 2016 Meeting**

Each Board member received a copy of the minutes of the December 19, 2016 meeting and Dr. Shank requested any corrections, additions or deletions.

There being none,

On MOTION by Mr. St. Cavish seconded by Dr. Shank with all in favor the minutes of the December 19, 2016 meeting were approved.

January 23, 2017

Coral Springs Improvement District

**THIRD ORDER OF BUSINESS**

**Audience Comments**

There being none, the next item followed.

**FOURTH ORDER OF BUSINESS**

**Acceptance of the Financial Audit for Fiscal Year Ending September 30, 2016**

Mr. Grace provided an overview and answered questions regarding the financial audit for Fiscal Year 2016.

On MOTION by Mr. St. Cavish seconded by Dr. Shank with all in favor the financial audit for Fiscal Year 2016 was accepted.

**FIFTH ORDER OF BUSINESS**

**Consideration of LMK Proposal for Video Survey of Lift Station #2**

Mr. Dwiggins reviewed the proposal from LMK for \$42,640, piggybacking off the City of North Miami Beach.

On MOTION by Mr. St. Cavish seconded by Dr. Shank with all in favor the proposal from LMK in the amount of \$42,640 was approved.

**SIXTH ORDER OF BUSINESS**

**Resolution 2017-3 Declaring Intent to Initiate Conflict Resolution Procedures with the City of Coral Springs**

The following was discussed:

- Dr. Shank explained staff has attempted to contact the City through the City Attorney to discuss the use of cell towers within the parks, but received no response.
- Adoption of this resolution will begin the conflict resolution process as prescribed in Chapter 164, Florida Statutes.

On MOTION by Mr. St. Cavish seconded by Dr. Shank with all in favor Resolution 2017-3, declaring intent to initiate conflict resolution procedures with the City of Coral Springs, was adopted.

**SEVENTH ORDER OF BUSINESS**

**Resolution 2017-4 Recognizing Policy Regarding Trees in Rights-of-Way Set by Motion on June 27, 2006**

A motion was made at a meeting held June 27, 2006 setting a policy regarding trees within District rights-of-way. This resolution formalizes the motion.

On MOTION by Mr. St. Cavish seconded by Dr. Shank with all in favor Resolution 2017-4, recognizing policy regarding trees in District rights-of-way, was adopted.

**EIGHTH ORDER OF BUSINESS**

**Staff Reports**

**A. Manager – Ken Cassel**

Mr. Cassel discussed the following:

- He requested authorization to go out for RFPs for assessment methodology services.

On MOTION by Mr. St. Cavish seconded by Dr. Shank with all in favor the District Manager was authorized to go out for RFPs for assessment methodology services.

- The group of staff directed to meet and review RFPs for District Counsel services recommends the District remain with Lewis, Longman & Walker and engage special counsel for special cases. This item will be addressed at the February meeting.
- He will be attending the Lake Coral Springs Association meeting.

**B. Engineer – Troy Lyn (Report Included)**

Mr. Olson reviewed the project status report, a copy of which is attached hereto and made a part of the public record.

- The MOT was received from Broward County today for the Tamarac Interconnect project. The pre-construction meeting will be January 27, 2017.
- Decoupling of the pump in the pump column of Well #4 was detected. There was a failure in the installation of the coupling and it will be repaired by the contractor under warranty.
- Cleaning pump for the gasifier system needs to be replaced. The contractor does not want to replace it with the same pump under warranty because it is defective. They will be replacing it with a different type of pump. Globaltech will cover the difference in costs.

**C. Department Reports**

- **Operations – Dan Daly**
  - **Utility Billing Work Orders**

The above item is for informational purposes only. He reported the utility billing services provided to Lake Powell will end in February. An accountant to replace Ms. Holmes after she retires was hired.

- **Utilities Update (David McIntosh)**

Mr. McIntosh reported the following:

- Remediation of the diesel spill and emergency generator is complete. All reports have been satisfactorily submitted to the County.
- He is working on the phosphate reduction process.

- **Water – Joe Stephens (Report Included)**

A copy of the report was included in the agenda package and is attached hereto as part of the public record. Mr. Stephens reported aerial photos of the lime plant demolition are scheduled for February 25, 2017.

- **Wastewater – Tim Martin (Report Included)**

A copy of the report was included in the agenda package and is attached hereto as part of the public record.

- **Stormwater –Shawn Frankenhauser (Report Included)**

A copy of the report was included in the agenda package and is attached hereto as part of the public record.

- **Field – Curt Dwiggin (Report Included)**

A copy of the report was included in the agenda package and is attached hereto as part of the public record.

- **Human Resources – Jan Zilmer**

Mr. Zilmer reported two employees had to be terminated because they did not obtain their licenses in distribution. Mr. Frankenhauser will have a safety meeting on Thursday, January 26, 2017. The managers will meet after to come up with safety recognition ideas.

- **Motion to Accept Department Reports**

On MOTION by Mr. St. Cavish seconded by Dr. Shank with all in favor the department reports were accepted.

**D. Attorney**

Mr. Lewis reported on the legislative season.



- There are three bills dealing with public records requests, which are supported by FASD. Senate Bill 80 would require someone complaining to provide written notice of the public records being requested at least five days before they go to circuit court. The bill also changes the provision awarding attorney fees from mandatory to a discretionary decision by the judge. House Bill 163 and Senate Bill 246 provide that a court assess reasonable attorney fees if found the agency refuses to permit a public record be inspected or copied.
- A local government ethics bill filed last year has been filed again this year as a committee bill. This bill would require all cities, counties, school districts and independent districts with an annual ad valorem revenue greater than \$5 Million to create a system for registering lobbyists.
- Lewis, Longman and Walker is holding a quarterly meeting in Fort Myers. The Board is invited to attend.

**NINTH ORDER OF BUSINESS**

**Approval of Financial Statements for December 2016**

There being no questions or comments,

On MOTION Mr. St. Cavish seconded by Dr. Shank with all in favor the financials were approved.

**TENTH ORDER OF BUSINESS**

**Supervisors' Request**

There being none, the next item followed.

**ELEVENTH ORDER OF BUSINESS**

**Adjournment**

There being no further business,

On MOTION by Mr. St. Cavish seconded by Dr. Shank with all in favor the meeting was adjourned.

\_\_\_\_\_  
Kenneth Cassel  
Assistant Secretary

\_\_\_\_\_  
Martin Shank  
President

## **Fifth Order of Business**

**To:** CSID Board of Supervisors  
**From:** Curt Dwiggin  
**CC:** Ken Cassel, District Manager  
**Date:** February 13, 2017  
**Re:** Lift Station Repair

---

We requested quotes from Trio to carry out necessary repairs to four of our lift stations. The prices quoted are in accordance with the terms of Trio’s contract with Broward County which we have piggy backed on for repairs to several of our lift stations. The Broward county contract with Trio remains in effect and is attached for reference.

These four stations have come up recently and unexpectedly, needing urgent repairs. These repairs are necessary to remain in compliance with 62-604.500(2) F.A.C. for proper maintenance of our facilities.

The total cost for the repairs to these four lift stations is \$497,392.21

<b>Lift Station Repair</b>	
<b>Lift station</b>	<b>Trio Repair Quote</b>
<b>#6</b>	\$43,774.84
<b>#33</b>	\$165,311.32
<b>#34</b>	\$145,125.55
<b>#35</b>	\$143,180.50
Total	<b>\$497,392.21</b>

This repair work has come up recently and unexpectedly and urgent repairs are required.

Project: CSID LS 6  
 Date: 1/20/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
<b>SECTION 1 - GENERAL CONDITIONS</b>						
1	1.01	Mobilization for Routine Work Order under \$5,000.00		EA	\$200.00	\$ -
2	1.02	Mobilization for Routine Work Order from \$5,000.01 to \$25,000.00		EA	\$500.00	\$ -
3	1.03	Mobilization for Routine Work Order over \$25,000.01		EA	\$1,500.00	\$ -
4	1.04	Mobilization for Urgent Work Order under \$5,000.00	1	EA	\$200.00	\$ 200.00
5	1.05	Mobilization for Urgent Work Order from \$5,000.01 to \$25,000.00		EA	\$500.00	\$ -
6	1.06	Mobilization for Urgent Work Order over \$25,000.01		EA	\$1,500.00	\$ -
7	1.07	Provide Foreperson	18	HRS	\$100.00	\$ 1,800.00
8	1.08	Provide Laborer / Crewperson	28	HRS	\$45.00	\$ 1,260.00
9	1.09	Furnish Combination Cleaner Truck	6	HRS	\$175.00	\$ 1,050.00
10	1.10	Provide Backhoe	3	DAYS	\$500.00	\$ 1,500.00
11	1.11	Project Planning Cost (When no work order is issued)		EA	\$350.00	\$ -
12	1.12	Pass-thru for Non-County Agency Permits and Fees per Attachment "A"		Allowance		
13	1.13	Pass-Thru for Parts and Materials as per Attachment "A"		Allowance		\$ 3,500.00
14	1.14	Pass-Thru for Florida Power and Light		Allowance		
<b>SECTION 1 Subtotal</b>						<b>\$ 9,310.00</b>
<b>SECTION 2 - DEMOLITION, REMOVAL AND DISPOSAL</b>						
15	2.01	Demolish Slab on Grade, ≤ 8 inches thick		SF	\$ 10.00	\$ -
16	2.02	Demolish Slab over Wet Well or Vault > 8 inches ≤ 12 inches thick		SF	\$ 20.00	\$ -
167	2.03	Demolish and Remove Asphalt Paving		SF	\$ 10.00	\$ -
17	2.04	Demolish Valve Vault and Top Slab		EA	\$ 3,000.00	\$ -
18	2.05	Remove existing Iron Piping and Fittings in Wet Wells or Vaults	0.1604	TN	\$ 100.00	\$ 16.04
19	2.06	Remove existing Iron Piping and Fittings below Grade, including Excavation, Temporary Restraint, Backfilling, Compaction, and Restoration		TN	\$ 100.00	\$ -
20	2.07	Remove existing Valves (10 inches and under) below Grade, including Excavation, Backfilling, Compaction and Restoration		EA	\$ 100.00	\$ -
170	2.08	Remove existing Valves (10 inches and under) in Wet Wells or Vaults		EA	\$ 500.00	\$ -
169	2.09	Remove existing Pump Base Ells and Rails	2	EA	\$ 1,000.00	\$ 2,000.00
23	2.10	Remove existing Chain Link Fence		LF	\$ 5.00	\$ -
24	2.11	Plug and Prepare Abandoned Pipe for Grout Filling		EA	\$ 100.00	\$ -
25	2.12	Grout Fill Abandoned Pipe		CY	\$ 200.00	\$ -
26	2.13	Demolish Wet Well (6' or 8' diameter)		VF	\$ 200.00	\$ -
27	2.14	Fill in Abandoned Wet Well or Valve Vault		CY	\$ 50.00	\$ -
28	2.15	Remove Fillet from Bottom of Wet Well	8	CF	\$ 200.00	\$ 1,600.00
<b>SECTION 2 Subtotal</b>						<b>\$ 3,616.04</b>
<b>SECTION 3 - SITE WORK</b>						
29	3.01	F & I Temporary By-pass Pumps and Piping (up to 50,000 gpd)		DAYS	\$ 50.00	\$ -
30	3.02	F & I Temporary By-pass Pumps and Piping (50,001 gpd to 250,000 gpd)	10	DAYS	\$ 200.00	\$ 2,000.00
31	3.03	F & I Temporary By-pass Pumps and Piping (250,001 to 1.0 mgd)		DAYS	\$ 225.00	\$ -
32	3.04	F & I Temporary By-pass Pumps and Piping (over 1.0 mgd)		DAYS	\$ 250.00	\$ -
33	3.05	Operate and Maintain Temporary By-pass System (up to 50,000 gpd)		DAYS	\$ 50.00	\$ -
34	3.06	Operate and Maintain Temporary By-pass System (50,001 gpd to 250,000 gpd)	10	DAYS	\$ 150.00	\$ 1,500.00

Project: CSID LS 6  
 Date: 1/20/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
35	3.07	Operate and Maintain Temporary By-pass System (250,001 gpd to 1.0 mgd)		DAYS	\$ 175.00	\$ -
36	3.08	Operate and Maintain Temporary By-pass System (over 1.0 mgd)		DAYS	\$ 200.00	\$ -
37	3.09	Exploratory Excavation		EA	\$ 1,000.00	\$ -
38	3.10	Furnish and Install Temporary Line Stop (4" to 6")		EA	\$ 1,750.00	\$ -
39	3.11	Furnish and Install Temporary Line Stop (8" to 12")		EA	\$ 3,000.00	\$ -
40	3.12	Furnish and Install Temporary Line Stop (14" to 24")		EA	\$ 8,000.00	\$ -
41	3.13	8 inch Lime Rock Base Course including Sub-base Preparation		CY	\$ 165.00	\$ -
42	3.14	12 inch Lime Rock Base Course including Sub-base Preparation		CY	\$ 200.00	\$ -
43	3.15	Saw Cut Asphalt Paving		LF	\$ 5.00	\$ -
44	3.16	1 inch Asphalt Concrete Pavement		SY	\$ 10.00	\$ -
45	3.17	Furnish and Install 3/4 inch Washed Rock over Weed Barrier		SY	\$ 22.00	\$ -
46	3.18	Furnish and Install Seed and Mulch		SY	\$ 3.00	\$ -
47	3.19	Furnish and Install Bahia Sod		SY	\$ 5.00	\$ -
48	3.20	Furnish and Install Floratam Sod	100	SY	\$ 7.00	\$ 700.00
49	3.21	Furnish and Install Pipe Bollards		EA	\$ 300.00	\$ -
50	3.22	Relocate Existing Chain Link Fence		LF	\$ 10.00	\$ -
51	3.23	Furnish and Install New 6-foot Chain Link Fence		LF	\$ 40.00	\$ -
52	3.24	Furnish and Install 12-foot Chain Link Swing Gate		EA	\$ 2,000.00	\$ -
<b>SECTION 3 Subtotal</b>						<b>\$ 4,200.00</b>
<b>SECTION 4 - NEW AND REHABILITATED CONCRETE WORK</b>						
53	4.01	Saw Cut Concrete up to 12 inches thick		LF	\$ 30.00	\$ -
54	4.02	Saw Cut Concrete > 12 inches ≤ 24 inches thick		LF	\$ 35.00	\$ -
55	4.03	Core Hole in Concrete up to 12 inches thick (6 inch to 12 inch diameter)	4	EA	\$ 400.00	\$ 1,600.00
56	4.04	Core Hole in Concrete up to 12 inches thick (over 12 inch diameter)		EA	\$ 750.00	\$ -
57	4.05	Furnish and Install Precast Wet Well Structure (6 foot diameter)		VF	\$ 1,500.00	\$ -
58	4.06	Furnish and Install Precast Wet Well Structure (8 foot diameter)		VF	\$ 2,000.00	\$ -
59	4.07	Furnish and Install Precast Wet Well Structure (10 foot diameter)		VF	\$ 2,200.00	\$ -
60	4.08	Furnish and Install Precast Wet Well Structure (12 foot diameter)		VF	\$ 2,400.00	\$ -
61	4.09	Furnish and Install Wet Well Precast Top Slab with 2.5 foot x 4.5 foot Hatch (6 foot diameter)		EA	\$ 6,000.00	\$ -
62	4.10	Furnish and Install Wet Well Precast Top Slab with 3 foot x 6 foot Hatch (8 foot diameter)		EA	\$ 6,500.00	\$ -
63	4.11	Furnish and Install Wet Well Precast Top Slab with 4 foot x 6 foot Hatch (10 foot diameter)		EA	\$ 6,700.00	\$ -
64	4.12	Furnish and Install Wet Well Precast Top Slab with 4 foot x 6 foot Hatch (12 foot diameter)		EA	\$ 6,900.00	\$ -
65	4.13	Furnish and Install Retrofit Hatch (TPD - 300 psf) 47" x 47"		EA	\$ 1,300.00	\$ -
66	4.14	Furnish and Install Retrofit Hatch (TPD - 300 psf) 47" x 53"		EA	\$ 1,400.00	\$ -
67	4.15	Furnish and Install Retrofit Hatch (TPD - 300 psf) 47" x 71"		EA	\$ 1,700.00	\$ -
68	4.16	Furnish and Install Retrofit Hatch (TPD - 300 psf) 59" x 59"		EA	\$ 1,800.00	\$ -
69	4.17	Furnish and Install Wet Well Fillet	8	CF	\$ 200.00	\$ 1,600.00
70	4.18	Furnish and Install 4.5 foot x 7.0 foot Precast Meter Vault		EA	\$ 11,500.00	\$ -
71	4.19	Furnish and Install 5.5 foot x 8.0 foot Precast Meter Vault		EA	\$ 12,500.00	\$ -

Project: CSID LS 6  
 Date: 1/20/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
73	4.21	Furnish and Install 5.0 foot x 5.0 foot Precast Meter Vault		EA	\$ 10,500.00	\$ -
74	4.22	Furnish and Install 6.0 foot x 6.0 foot Precast Meter Vault		EA	\$ 12,500.00	\$ -
75	4.23	Wet Well and Manhole Interior Surface Preparation		SF	\$ 2.00	\$ -
76	4.24	Furnish and Install Wet Well and Manhole Cementitious Coating - Brick Structures		SF	\$ 9.00	\$ -
77	4.25	Furnish and Install Wet Well and Manhole Cementitious Coating - Precast Structures		SF	\$ 5.00	\$ -
78	4.26	Furnish and Install Wet Well and Manhole Level II Coating (Sewper Coat or BASF SP15)		SF	\$ 5.00	\$ -
79	4.27	Furnish and Install Wet Well and Manhole Level III Coating (BASF Sewer Guard HBS 100 Epoxy Liner)		SF	\$ 10.00	\$ -
80	4.28	Furnish and Install Bituminastic Coating		SF	\$ 4.00	\$ -
81	4.29	Furnish and Install Precast Manhole, 4 foot diameter, 6 feet to 10 feet deep		EA	\$ 8,000.00	\$ -
82	4.30	Furnish and Install Precast Manhole, 4 foot diameter, 10 feet to 14 feet deep		EA	\$ 10,000.00	\$ -
83	4.31	Furnish and Install Precast Manhole, 4 foot diameter, 14 feet to 18 feet deep		EA	\$ 14,000.00	\$ -
84	4.32	Furnish and Install Precast Manhole, 4 foot diameter, over 18 feet deep		EA	\$ 15,000.00	\$ -
85	4.33	Furnish and Install Reinforced Concrete Slab on Grade (up to 12 inches thick)		CY	\$ 300.00	\$ -
86	4.34	Furnish and Install Reinforced Formed Concrete	2	CY	\$ 300.00	\$ 600.00
87	4.35	Furnish and Install Miscellaneous Unreinforced Formed Concrete		CY	\$ 200.00	\$ -
88	4.36	Form and Pour Concrete Sidewalk (6 inch thick unreinforced)		SY	\$ 40.00	\$ -
89	4.37	Furnish and Install Flowable Fill		CY	\$ 200.00	\$ -
90	4.38	Furnish Concrete Pump	6	HRS	\$ 300.00	\$ 1,800.00
<b>SECTION 4 Subtotal</b>						\$ 5,600.00
<b>SECTION 5 - PIPING AND VALVES</b>						
91	5.01	Furnish and Install 4 inch FLG Plug Valve with Stainless Steel Accessories	2	EA	\$ 2,000.00	\$ 4,000.00
92	5.02	Furnish and Install 6 inch FLG Plug Valve with Stainless Steel Accessories		EA	\$ 3,000.00	\$ -
93	5.03	Furnish and Install 8 inch FLG Plug Valve with Stainless Steel Accessories		EA	\$ 3,200.00	\$ -
94	5.04	Furnish and Install 10 inch FLG Plug Valve with Stainless Steel Accessories		EA	\$ 3,500.00	\$ -
95	5.05	Furnish and Install 4 inch Check Valve with Stainless Steel Accessories	2	EA	\$ 3,000.00	\$ 6,000.00
96	5.06	Furnish and Install 6 inch Check Valve with Stainless Steel Accessories		EA	\$ 4,000.00	\$ -
97	5.07	Furnish and Install 8 inch Check Valve with Stainless Steel Accessories		EA	\$ 4,500.00	\$ -
98	5.08	Furnish and Install 10 inch Check Valve with Stainless Steel Accessories		EA	\$ 4,700.00	\$ -
99	5.09	Furnish and Install 4 inch Pump Out Connection		EA	\$ 2,000.00	\$ -
100	5.10	Furnish and Install 6 inch Pump Out Connection		EA	\$ 4,000.00	\$ -
101	5.11	Furnish and Install 4 inch MJ Plug Valve with Accessories		EA	\$ 3,800.00	\$ -
102	5.12	Furnish and Install 6 inch MJ Plug Valve with Accessories		EA	\$ 4,000.00	\$ -
103	5.13	Furnish and Install 8 inch MJ Plug Valve with Accessories		EA	\$ 4,500.00	\$ -
104	5.14	Furnish and Install 10 inch MJ Plug Valve with Accessories		EA	\$ 4,600.00	\$ -
105	5.15	Furnish and Install 4 inch Flanged DI Piping	40	LF	\$ 100.00	\$ 4,000.00
106	5.16	Furnish and Install 6 inch Flanged DI Piping		LF	\$ 150.00	\$ -

Project: CSID LS 6  
 Date: 1/20/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
107	5.17	Furnish and Install 8 inch Flanged DI Piping		LF	\$ 160.00	\$ -
108	5.18	Furnish and Install 10 inch Flanged DI Piping		LF	\$ 170.00	\$ -
109	5.19	Furnish and Install 4 inch MJ Flexible Joint		EA	\$ 1,800.00	\$ -
110	5.20	Furnish and Install 6 inch MJ Flexible Joint		EA	\$ 2,700.00	\$ -
111	5.21	Furnish and Install 8 inch MJ Flexible Joint		EA	\$ 3,400.00	\$ -
112	5.22	Furnish and Install 10 inch MJ Flexible Joint		EA	\$ 4,500.00	\$ -
113	5.23	Furnish and Install Pump Base Elbow and County Supplied Pumps (4 inch Discharge)	2	EA	\$ 2,000.00	\$ 4,000.00
114	5.24	Furnish and Install Pump Base Elbow and County Supplied Pumps (6 inch Discharge)		EA	\$ 2,100.00	\$ -
115	5.25	Furnish and Install Pump Base Elbow and County Supplied Pumps (8 inch Discharge)		EA	\$ 2,200.00	\$ -
116	5.26	Furnish and Install Stainless Steel Float Hanger Bracket		EA	\$ 250.00	\$ -
117	5.27	Furnish and Install Wet Well Vent		EA	\$ 3,000.00	\$ -
118	5.28	Furnish and Install 2 inch Water Service		EA	\$ 3,000.00	\$ -
119	5.29	Furnish and Install 2 inch Back Flow Prevention Device		EA	\$ 2,000.00	\$ -
120	5.30	Furnish and Install 4 inch DIP Mechanical Joint Force Main		LF	\$ 50.00	\$ -
121	5.31	Furnish and Install 6 inch DIP Mechanical Joint Force Main		LF	\$ 55.00	\$ -
122	5.32	Furnish and Install 8 inch DIP Mechanical Joint Force Main		LF	\$ 60.00	\$ -
123	5.33	Furnish and Install 10 inch DIP Mechanical Joint Force Main		LF	\$ 65.00	\$ -
124	5.34	Furnish and Install MJ DIP Force Main Fittings and Accessories	100.4	LBS	\$ 15.00	\$ 1,506.00
125	5.35	Furnish and Install 8 inch PVC Sanitary Sewer (SDR 26) (6 feet - 10 feet deep)		LF	\$ 75.00	\$ -
126	5.36	Furnish and Install 8 inch PVC Sanitary Sewer (SDR 26) (10 feet - 14 feet deep)		LF	\$ 100.00	\$ -
127	5.37	Furnish and Install 8 inch PVC Sanitary Sewer (C-900) (14 feet - 18 feet deep)		LF	\$ 150.00	\$ -
128	5.38	Furnish and Install 10 inch PVC Sanitary Sewer (SDR 26) (6 feet - 10 feet deep)		LF	\$ 80.00	\$ -
129	5.39	Furnish and Install 10 inch PVC Sanitary Sewer (SDR 26) (10 feet - 14 feet deep)		LF	\$ 105.00	\$ -
130	5.40	Furnish and Install 10 inch PVC Sanitary Sewer (C-900) (14 feet - 18 feet deep)		LF	\$ 155.00	\$ -
131	5.41	Furnish and Install 10 inch PVC Sanitary Sewer (C-900) (over 18 feet deep)		LF	\$ 200.00	\$ -
132	5.42	Furnish and Install Connection to Existing Force Main - 6 inch		EA	\$ 3,000.00	\$ -
133	5.43	Furnish and Install Connection to Existing Force Main - 8 inch		EA	\$ 3,200.00	\$ -
134	5.44	Furnish and Install Connection to Existing Force Main - 10 inch		EA	\$ 3,400.00	\$ -
135	5.45	Furnish and Install Connection to Existing Force Main - 12 inch		EA	\$ 3,600.00	\$ -
136	5.46	Furnish and Install 3" PVC Valve Vault Drain Assembly		EA	\$ 3,500.00	\$ -
137	5.47	Furnish and Install Flanged DIP Fittings	220.4	LBS	\$ 7.00	\$ 1,542.80
138	5.48	Grout Abandon Lines		CY	\$ 200.00	\$ -
139	5.49	Furnish and Install Pressure Gauge Assembly		EA	\$ 2,500.00	\$ -

Project: CSID LS 6  
 Date: 1/20/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
<b>SECTION 5 Subtotal</b>						\$ 21,048.80
<b>SECTION 6 - ELECTRICAL WORK</b>						
140	6.01	Remove Existing Control Panel		EA	\$ 3,500.00	\$ -
141	6.02	Remove Existing Electric Meter		EA	\$ 3,500.00	\$ -
142	6.03	Relocate Existing Control Panel (up to 30 feet)		EA	\$ 12,000.00	\$ -
143	6.04	Relocate Existing Electric Meter (up to 30 feet)		EA	\$ 5,000.00	\$ -
144	6.05	Install County Supplied Control Panel - up to 10 HP		EA	\$ 14,000.00	\$ -
145	6.06	Install County Supplied Control Panel - over 10 HP to 20 HP		EA	\$ 15,000.00	\$ -
146	6.07	Install County Supplied Control Panel - over 20 HP to 40 HP		EA	\$ 15,100.00	\$ -
147	6.08	Install County Supplied Control Panel - 50 HP to 100 HP		EA	\$ 15,200.00	\$ -
148	6.09	Furnish and Install 3/4 inch Bubbler System Piping, Fittings and Appurtenances		EA	\$ 3,000.00	\$ -
149	6.10	Furnish and Install Connection/Isolation Panel		EA	\$ 5,000.00	\$ -
150	6.11	Furnish and Install 200 AMP Electrical Service to Lift Station		LF	\$ 70.00	\$ -
151	6.12	Furnish and Install 400 AMP Electrical Service to Lift Station		LF	\$ 80.00	\$ -
152	6.13	Furnish and Install 200A Emergency Connection/Transfer Panel		EA	\$ 1,500.00	\$ -
153	6.14	Furnish and Install 400A Emergency Connection/Transfer Panel		EA	\$ 2,000.00	\$ -
154	6.15	Furnish and Install Temporary Electrical Service		EA	\$ 2,500.00	\$ -
155	6.16	Furnish and Install Temporary Control Panel		EA	\$ 2,000.00	\$ -
156	6.17	Furnish and Install 3 inch Aluminum Conduit		LF	\$ 10.00	\$ -
157	6.18	Furnish and Install 2 inch Aluminum Conduit		LF	\$ 7.00	\$ -
158	6.19	Furnish and Install 1-1/2 inch Aluminum Conduit		LF	\$ 5.00	\$ -
159	6.20	Furnish and Install 1 inch Aluminum Conduit		LF	\$ 4.00	\$ -
160	6.21	Furnish and Install 2 inch PVC Conduit		LF	\$ 4.00	\$ -
161	6.22	Furnish and Install 1 inch PVC Conduit		LF	\$ 2.00	\$ -
162	6.23	Furnish and Install 2 inch Aluminum Pole for SCADA Antenna (max 20 feet)		EA	\$ 2,000.00	\$ -
<b>SECTION 6 Subtotal</b>						\$ -
<b>Total Price</b>						\$ 43,774.84

**Abbreviations:**

CY= Cubic Yard SF = Square Foot SY= Square Yard EA = Each VF = Vertical Foot LF = Linear Foot HRS = Hours  
 LBS = Pounds TN = Ton

Trench Safety Act applies to this bid solicitation. The Bidder should complete and submit the Trench Safety Act Certification (Form 004546-2) with the bid but must complete and submit within five (5) calendar days of request by COUNTY and prior to award to be considered responsive.

DATE PREPARED: 1/20/2017

PREPARED BY (NAME OF PREPARER): Larry Shortz

NAME OF COMPANY: Trio Development Corp.

AUTHORIZED SIGNATURE: 



Attachment A

1.13 Pass Through Parts and Materials

	Amount
Leak repair if required	\$2,000.00
Temporary fencing	\$1,500.00
Subtotal	\$3,500.00

Breakdown for Labor and Equipment Items

Task Description	1.07 Provide Foreperson/Hr.	1.08 Provide Laborer/Hr.	1.10 Provide Backhoe/ Day
Remove 3/4" Rock			
Remove RTU Mast			
Remove Pumps	4	8	1
R&R Floats	4	4	
White Line and call in locates	2		
Excavate between structures and backfill for piping installation	8	16	2
FPI Coordination			
Chip Electric out from existing top slab			
Plug existing abandoned penetrations			
Remove Bubbler and tubing			
Extend upper guide rail brackets			
Irrigation repair			
Install hand Hole			
Install Meter Box			
Import and grade 18 yards of fill material, repair irrigation			
Clear and grub, backfill and regrade around north, south and west sides of station			
Cut Driveway subgrade			
Cut out and grade for 3/4" rock			
Grade east swale for sod 2			
Balance of grading for sod			
Pick up and Install FPL handhole, riser stub, partial removal of FPL drop			
Clean Pump Impellers and volutes			
Remove and replace bad pump #2			
Remove influent valve			
Disconnect/reconnect electrical switch south of panels			
Install temporary pump-out connection			
Excavate & backfill for line stop			
Subtotal	18	28	3

Weights for Ductile Iron pipe, flanged and mechanical joint fittings and accessories LS 25B1

Bid item 5.47 Furnish and install flanged DIP fittings

Description	Qty.	4" Lbs. ea.	Qty	6" lbs. ea.	Qty.	8" lbs. ea.	Qty.	10" lbs. ea.	Sub Total in lbs.	Dollars
Flange x Mj adapter	2	26		36		50		60	52	
Flg ecc. Reducers		30		45		75		110	0	
Flg 90's	2	45		65		105		165	90	
Flg 45's		40		55		90		130	0	
Flg 22.5		40		55		90		135	0	
Flg 11.25		40		55		90		135	0	
Flg Tees		65		95		155		270	0	
Flg Cross		80		120		195		330	0	
Mega Flange adapter	2	20		32		38		65	40	
Flg Bolt sets	12	3.2		5.1		5.4		12	38.4	
									Total in pounds	220.4
									Bid item 5.47 Total x \$7.00	\$ 1,542.80

Bid Item 5.34Furnish and install MJ Dip Force main Fittings and accessories

Description	Qty	4" Lbs. ea.	Qty.	6" Lbs. ea.	Qty.	8" Lbs. ea.	Qty.	10" lbs. ea.	Sub total in lbs.	Dollars
MJ Sleeves	2	25		39		55		68	50	
MJ 90		22		49		64		102	0	
MJ 45		20		39		56		78	0	
MJ 22.5		18		31		50		66	0	
MJ11.25		18		29		45		59	0	
MJ Tee		35		66		90		132	0	
MJ Wye		45		82		117		184	0	
MJ Cross		45		79		112		156	0	
MJ Reducer		18		28		39		54	0	
Mega Lug gland	4	4.6		11.8		14.9		23.9	18.4	
MJ accessories	8	4		6		6		8	32	
									Total in Pounds	100.4
									Bid item5.34 Total x \$15.00	\$ 1,506.00

2.05 Remove existing iron pipe and fittings in wet wells and vaults

Description	Qty.	4" Lbs. ea.	Qty.	6" Lbs. ea.	Qty.	8" Lbs. ea.	Qty.	10" Lbs. ea.	Subtotal in Lbs.	Dollars
Feet of Pipe		13.8		21.4		30.1		39.2	0	
Flanges		13		17		28		38	0	
Total weight from 5.34 & 5.47									320.8	
									Total in Pounds	320.8
									Bid item 2.05 Total x \$100.00 per ton	\$ 16.04

## CSID #6

### Scope of Work 1-18-17

- Bypass pump from manhole adjacent to station to existing pump out connection in valve-box. Lift station discharge valves to be operational.
- Vactor clean wet-well
- Remove pumps, demolish piping from base els to existing flange by MJ adapters in valve-box.
- Re-pipe station from base else stabilizer plates to valve-box.
- Reinstall pumps, start and remove bypass.

Project: CSID LS 33  
 Date: 1/27/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
<b>SECTION 1 - GENERAL CONDITIONS</b>						
1	1.01	Mobilization for Routine Work Order under \$5,000.00		EA	\$200.00	\$ -
2	1.02	Mobilization for Routine Work Order from \$5,000.01 to \$25,000.00		EA	\$500.00	\$ -
3	1.03	Mobilization for Routine Work Order over \$25,000.01	1	EA	\$1,500.00	\$ 1,500.00
4	1.04	Mobilization for Urgent Work Order under \$5,000.00		EA	\$200.00	\$ -
5	1.05	Mobilization for Urgent Work Order from \$5,000.01 to \$25,000.00		EA	\$500.00	\$ -
6	1.06	Mobilization for Urgent Work Order over \$25,000.01		EA	\$1,500.00	\$ -
7	1.07	Provide Foreperson	58	HRS	\$100.00	\$ 5,800.00
8	1.08	Provide Laborer / Crewperson	140	HRS	\$45.00	\$ 6,300.00
9	1.09	Furnish Combination Cleaner Truck	8	HRS	\$175.00	\$ 1,400.00
10	1.10	Provide Backhoe	7	DAYS	\$500.00	\$ 3,500.00
11	1.11	Project Planning Cost (When no work order is issued)		EA	\$350.00	\$ -
12	1.12	Pass-thru for Non-County Agency Permits and Fees per Attachment "A"		Allowance		
13	1.13	Pass-Thru for Parts and Materials as per Attachment "A"		Allowance		\$ 7,670.00
14	1.14	Pass-Thru for Florida Power and Light		Allowance		
<b>SECTION 1 Subtotal</b>						<b>\$ 26,170.00</b>
<b>SECTION 2 - DEMOLITION, REMOVAL AND DISPOSAL</b>						
15	2.01	Demolish Slab on Grade, ≤ 8 inches thick		SF	\$ 10.00	\$ -
16	2.02	Demolish Slab over Wet Well or Vault > 8 inches ≤ 12 inches thick		SF	\$ 20.00	\$ -
167	2.03	Demolish and Remove Asphalt Paving		SF	\$ 10.00	\$ -
17	2.04	Demolish Valve Vault and Top Slab	1	EA	\$ 3,000.00	\$ 3,000.00
18	2.05	Remove existing Iron Piping and Fittings in Wet Wells or Vaults	1.5192	TN	\$ 100.00	\$ 151.92
19	2.06	Remove existing Iron Piping and Fittings below Grade, including Excavation, Temporary Restraint, Backfilling, Compaction, and Restoration		TN	\$ 100.00	\$ -
20	2.07	Remove existing Valves (10 inches and under) below Grade, including Excavation, Backfilling, Compaction and Restoration		EA	\$ 100.00	\$ -
170	2.08	Remove existing Valves (10 inches and under) in Wet Wells or Vaults	5	EA	\$ 500.00	\$ 2,500.00
169	2.09	Remove existing Pump Base Ells and Rails	2	EA	\$ 1,000.00	\$ 2,000.00
23	2.10	Remove existing Chain Link Fence		LF	\$ 5.00	\$ -
24	2.11	Plug and Prepare Abandoned Pipe for Grout Filling		EA	\$ 100.00	\$ -
25	2.12	Grout Fill Abandoned Pipe		CY	\$ 200.00	\$ -
26	2.13	Demolish Wet Well (6' or 8' diameter)		VF	\$ 200.00	\$ -
27	2.14	Fill in Abandoned Wet Well or Valve Vault		CY	\$ 50.00	\$ -
28	2.15	Remove Fillet from Bottom of Wet Well	10	CF	\$ 200.00	\$ 2,000.00
<b>SECTION 2 Subtotal</b>						<b>\$ 9,651.92</b>
<b>SECTION 3 - SITE WORK</b>						
29	3.01	F & I Temporary By-pass Pumps and Piping (up to 50,000 gpd)		DAYS	\$ 50.00	\$ -
30	3.02	F & I Temporary By-pass Pumps and Piping (50,001 gpd to 250,000 gpd)		DAYS	\$ 200.00	\$ -
31	3.03	F & I Temporary By-pass Pumps and Piping (250,001 to 1.0 mgd)	60	DAYS	\$ 225.00	\$ 13,500.00
32	3.04	F & I Temporary By-pass Pumps and Piping (over 1.0 mgd)		DAYS	\$ 250.00	\$ -
33	3.05	Operate and Maintain Temporary By-pass System (up to 50,000 gpd)		DAYS	\$ 50.00	\$ -
34	3.06	Operate and Maintain Temporary By-pass System (50,001 gpd to 250,000 gpd)		DAYS	\$ 150.00	\$ -

Project: CSID LS 33  
 Date: 1/27/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
35	3.07	Operate and Maintain Temporary By-pass System (250,001 gpd to 1.0 mgd)	60	DAYS	\$ 175.00	\$ 10,500.00
36	3.08	Operate and Maintain Temporary By-pass System (over 1.0 mgd)		DAYS	\$ 200.00	\$ -
37	3.09	Exploratory Excavation	3	EA	\$ 1,000.00	\$ 3,000.00
38	3.10	Furnish and Install Temporary Line Stop (4" to 6")		EA	\$ 1,750.00	\$ -
39	3.11	Furnish and Install Temporary Line Stop (8" to 12")		EA	\$ 3,000.00	\$ -
40	3.12	Furnish and Install Temporary Line Stop (14" to 24")		EA	\$ 8,000.00	\$ -
41	3.13	8 inch Lime Rock Base Course including Sub-base Preparation		CY	\$ 165.00	\$ -
42	3.14	12 inch Lime Rock Base Course including Sub-base Preparation		CY	\$ 200.00	\$ -
43	3.15	Saw Cut Asphalt Paving		LF	\$ 5.00	\$ -
44	3.16	1 inch Asphalt Concrete Pavement		SY	\$ 10.00	\$ -
45	3.17	Furnish and Install 3/4 inch Washed Rock over Weed Barrier		SY	\$ 22.00	\$ -
46	3.18	Furnish and Install Seed and Mulch		SY	\$ 3.00	\$ -
47	3.19	Furnish and Install Bahia Sod	417	SY	\$ 5.00	\$ 2,085.00
48	3.20	Furnish and Install Floratam Sod		SY	\$ 7.00	\$ -
49	3.21	Furnish and Install Pipe Bollards		EA	\$ 300.00	\$ -
50	3.22	Relocate Existing Chain Link Fence		LF	\$ 10.00	\$ -
51	3.23	Furnish and Install New 6-foot Chain Link Fence		LF	\$ 40.00	\$ -
52	3.24	Furnish and Install 12-foot Chain Link Swing Gate		EA	\$ 2,000.00	\$ -
<b>SECTION 3 Subtotal</b>						<b>\$ 29,085.00</b>
<b>SECTION 4 - NEW AND REHABILITATED CONCRETE WORK</b>						
53	4.01	Saw Cut Concrete up to 12 inches thick		LF	\$ 30.00	\$ -
54	4.02	Saw Cut Concrete > 12 inches ≤ 24 inches thick		LF	\$ 35.00	\$ -
55	4.03	Core Hole in Concrete up to 12 inches thick (6 inch to 12 inch diameter)		EA	\$ 400.00	\$ -
56	4.04	Core Hole in Concrete up to 12 inches thick (over 12 inch diameter)	6	EA	\$ 750.00	\$ 4,500.00
57	4.05	Furnish and Install Precast Wet Well Structure (6 foot diameter)		VF	\$ 1,500.00	\$ -
58	4.06	Furnish and Install Precast Wet Well Structure (8 foot diameter)		VF	\$ 2,000.00	\$ -
59	4.07	Furnish and Install Precast Wet Well Structure (10 foot diameter)		VF	\$ 2,200.00	\$ -
60	4.08	Furnish and Install Precast Wet Well Structure (12 foot diameter)		VF	\$ 2,400.00	\$ -
61	4.09	Furnish and Install Wet Well Precast Top Slab with 2.5 foot x 4.5 foot Hatch (6 foot diameter)		EA	\$ 6,000.00	\$ -
62	4.10	Furnish and Install Wet Well Precast Top Slab with 3 foot x 6 foot Hatch (8 foot diameter)		EA	\$ 6,500.00	\$ -
63	4.11	Furnish and Install Wet Well Precast Top Slab with 4 foot x 6 foot Hatch (10 foot diameter)		EA	\$ 6,700.00	\$ -
64	4.12	Furnish and Install Wet Well Precast Top Slab with 4 foot x 6 foot Hatch (12 foot diameter)		EA	\$ 6,900.00	\$ -
65	4.13	Furnish and Install Retrofit Hatch (TPD - 300 psf) 47" x 47"		EA	\$ 1,300.00	\$ -
66	4.14	Furnish and Install Retrofit Hatch (TPD - 300 psf) 47" x 53"		EA	\$ 1,400.00	\$ -
67	4.15	Furnish and Install Retrofit Hatch (TPD - 300 psf) 47" x 71"		EA	\$ 1,700.00	\$ -
68	4.16	Furnish and Install Retrofit Hatch (TPD - 300 psf) 59" x 59"		EA	\$ 1,800.00	\$ -
69	4.17	Furnish and Install Wet Well Fillet	10	CF	\$ 200.00	\$ 2,000.00
70	4.18	Furnish and Install 4.5 foot x 7.0 foot Precast Meter Vault		EA	\$ 11,500.00	\$ -
71	4.19	Furnish and Install 5.5 foot x 8.0 foot Precast Meter Vault		EA	\$ 12,500.00	\$ -

Project: CSID LS 33  
 Date: 1/27/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
73	4.21	Furnish and Install 5.0 foot x 5.0 foot Precast Meter Vault		EA	\$ 10,500.00	\$ -
74	4.22	Furnish and Install 6.0 foot x 6.0 foot Precast Meter Vault	1	EA	\$ 12,500.00	\$ 12,500.00
75	4.23	Wet Well and Manhole Interior Surface Preparation	650	SF	\$ 2.00	\$ 1,300.00
76	4.24	Furnish and Install Wet Well and Manhole Cementitious Coating - Brick Structures		SF	\$ 9.00	\$ -
77	4.25	Furnish and Install Wet Well and Manhole Cementitious Coating - Precast Structures		SF	\$ 5.00	\$ -
78	4.26	Furnish and Install Wet Well and Manhole Level II Coating (Sewper Coat or BASF SP15)	522	SF	\$ 5.00	\$ 2,610.00
79	4.27	Furnish and Install Wet Well and Manhole Level III Coating (BASF Sewer Guard HBS 100 Epoxy Liner)	522	SF	\$ 10.00	\$ 5,220.00
80	4.28	Furnish and Install Bituminastic Coating	128	SF	\$ 4.00	\$ 512.00
81	4.29	Furnish and Install Precast Manhole, 4 foot diameter, 6 feet to 10 feet deep		EA	\$ 8,000.00	\$ -
82	4.30	Furnish and Install Precast Manhole, 4 foot diameter, 10 feet to 14 feet deep		EA	\$ 10,000.00	\$ -
83	4.31	Furnish and Install Precast Manhole, 4 foot diameter, 14 feet to 18 feet deep		EA	\$ 14,000.00	\$ -
84	4.32	Furnish and Install Precast Manhole, 4 foot diameter, over 18 feet deep		EA	\$ 15,000.00	\$ -
85	4.33	Furnish and Install Reinforced Concrete Slab on Grade (up to 12 inches thick)		CY	\$ 300.00	\$ -
86	4.34	Furnish and Install Reinforced Formed Concrete		CY	\$ 300.00	\$ -
87	4.35	Furnish and Install Miscellaneous Unreinforced Formed Concrete		CY	\$ 200.00	\$ -
88	4.36	Form and Pour Concrete Sidewalk (6 inch thick unreinforced)		SY	\$ 40.00	\$ -
89	4.37	Furnish and Install Flowable Fill		CY	\$ 200.00	\$ -
90	4.38	Furnish Concrete Pump	6	HRS	\$ 300.00	\$ 1,800.00
<b>SECTION 4 Subtotal</b>						\$ 30,442.00
<b>SECTION 5 - PIPING AND VALVES</b>						
91	5.01	Furnish and Install 4 inch FLG Plug Valve with Stainless Steel Accessories		EA	\$ 2,000.00	\$ -
92	5.02	Furnish and Install 6 inch FLG Plug Valve with Stainless Steel Accessories	2	EA	\$ 3,000.00	\$ 6,000.00
93	5.03	Furnish and Install 8 inch FLG Plug Valve with Stainless Steel Accessories		EA	\$ 3,200.00	\$ -
94	5.04	Furnish and Install 10 inch FLG Plug Valve with Stainless Steel Accessories		EA	\$ 3,500.00	\$ -
95	5.05	Furnish and Install 4 inch Check Valve with Stainless Steel Accessories		EA	\$ 3,000.00	\$ -
96	5.06	Furnish and Install 6 inch Check Valve with Stainless Steel Accessories	2	EA	\$ 4,000.00	\$ 8,000.00
97	5.07	Furnish and Install 8 inch Check Valve with Stainless Steel Accessories		EA	\$ 4,500.00	\$ -
98	5.08	Furnish and Install 10 inch Check Valve with Stainless Steel Accessories		EA	\$ 4,700.00	\$ -
99	5.09	Furnish and Install 4 inch Pump Out Connection		EA	\$ 2,000.00	\$ -
100	5.10	Furnish and Install 6 inch Pump Out Connection	2	EA	\$ 4,000.00	\$ 8,000.00
101	5.11	Furnish and Install 4 inch MJ Plug Valve with Accessories		EA	\$ 3,800.00	\$ -
102	5.12	Furnish and Install 6 inch MJ Plug Valve with Accessories	1	EA	\$ 4,000.00	\$ 4,000.00
103	5.13	Furnish and Install 8 inch MJ Plug Valve with Accessories		EA	\$ 4,500.00	\$ -
104	5.14	Furnish and Install 10 inch MJ Plug Valve with Accessories		EA	\$ 4,600.00	\$ -
105	5.15	Furnish and Install 4 inch Flanged DI Piping		LF	\$ 100.00	\$ -
106	5.16	Furnish and Install 6 inch Flanged DI Piping		LF	\$ 150.00	\$ -

Project: CSID LS 33  
 Date: 1/27/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
107	5.17	Furnish and Install 8 inch Flanged DI Piping		LF	\$ 160.00	\$ -
108	5.18	Furnish and Install 10 inch Flanged DI Piping		LF	\$ 170.00	\$ -
109	5.19	Furnish and Install 4 inch MJ Flexible Joint		EA	\$ 1,800.00	\$ -
110	5.20	Furnish and Install 6 inch MJ Flexible Joint		EA	\$ 2,700.00	\$ -
111	5.21	Furnish and Install 8 inch MJ Flexible Joint		EA	\$ 3,400.00	\$ -
112	5.22	Furnish and Install 10 inch MJ Flexible Joint		EA	\$ 4,500.00	\$ -
113	5.23	Furnish and Install Pump Base Elbow and County Supplied Pumps (4 inch Discharge)	2	EA	\$ 2,000.00	\$ 4,000.00
114	5.24	Furnish and Install Pump Base Elbow and County Supplied Pumps (6 inch Discharge)		EA	\$ 2,100.00	\$ -
115	5.25	Furnish and Install Pump Base Elbow and County Supplied Pumps (8 inch Discharge)		EA	\$ 2,200.00	\$ -
116	5.26	Furnish and Install Stainless Steel Float Hanger Bracket		EA	\$ 250.00	\$ -
117	5.27	Furnish and Install Wet Well Vent		EA	\$ 3,000.00	\$ -
118	5.28	Furnish and Install 2 inch Water Service		EA	\$ 3,000.00	\$ -
119	5.29	Furnish and Install 2 inch Back Flow Prevention Device		EA	\$ 2,000.00	\$ -
120	5.30	Furnish and Install 4 inch DIP Mechanical Joint Force Main		LF	\$ 50.00	\$ -
121	5.31	Furnish and Install 6 inch DIP Mechanical Joint Force Main		LF	\$ 55.00	\$ -
122	5.32	Furnish and Install 8 inch DIP Mechanical Joint Force Main		LF	\$ 60.00	\$ -
123	5.33	Furnish and Install 10 inch DIP Mechanical Joint Force Main		LF	\$ 65.00	\$ -
124	5.34	Furnish and Install MJ DIP Force Main Fittings and Accessories	1149.2	LBS	\$ 15.00	\$ 17,238.00
125	5.35	Furnish and Install 8 inch PVC Sanitary Sewer (SDR 26) (6 feet - 10 feet deep)		LF	\$ 75.00	\$ -
126	5.36	Furnish and Install 8 inch PVC Sanitary Sewer (SDR 26) (10 feet - 14 feet deep)		LF	\$ 100.00	\$ -
127	5.37	Furnish and Install 8 inch PVC Sanitary Sewer (C-900) (14 feet - 18 feet deep)		LF	\$ 150.00	\$ -
128	5.38	Furnish and Install 10 inch PVC Sanitary Sewer (SDR 26) (6 feet - 10 feet deep)		LF	\$ 80.00	\$ -
129	5.39	Furnish and Install 10 inch PVC Sanitary Sewer (SDR 26) (10 feet - 14 feet deep)		LF	\$ 105.00	\$ -
130	5.40	Furnish and Install 10 inch PVC Sanitary Sewer (C-900) (14 feet - 18 feet deep)		LF	\$ 155.00	\$ -
131	5.41	Furnish and Install 10 inch PVC Sanitary Sewer (C-900) (over 18 feet deep)		LF	\$ 200.00	\$ -
132	5.42	Furnish and Install Connection to Existing Force Main - 6 inch	2	EA	\$ 3,000.00	\$ 6,000.00
133	5.43	Furnish and Install Connection to Existing Force Main - 8 inch		EA	\$ 3,200.00	\$ -
134	5.44	Furnish and Install Connection to Existing Force Main - 10 inch		EA	\$ 3,400.00	\$ -
135	5.45	Furnish and Install Connection to Existing Force Main - 12 inch		EA	\$ 3,600.00	\$ -
136	5.46	Furnish and Install 3" PVC Valve Vault Drain Assembly	1	EA	\$ 3,500.00	\$ 3,500.00
137	5.47	Furnish and Install Flanged DIP Fittings	1889.2	LBS	\$ 7.00	\$ 13,224.40
138	5.48	Grout Abandon Lines		CY	\$ 200.00	\$ -
139	5.49	Furnish and Install Pressure Gauge Assembly		EA	\$ 2,500.00	\$ -



Project: CSID LS 33  
 Date: 1/27/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
<b>SECTION 5 Subtotal</b>						<b>\$ 69,962.40</b>
<b>SECTION 6 - ELECTRICAL WORK</b>						
140	6.01	Remove Existing Control Panel		EA	\$ 3,500.00	\$ -
141	6.02	Remove Existing Electric Meter		EA	\$ 3,500.00	\$ -
142	6.03	Relocate Existing Control Panel (up to 30 feet)		EA	\$ 12,000.00	\$ -
143	6.04	Relocate Existing Electric Meter (up to 30 feet)		EA	\$ 5,000.00	\$ -
144	6.05	Install County Supplied Control Panel - up to 10 HP		EA	\$ 14,000.00	\$ -
145	6.06	Install County Supplied Control Panel - over 10 HP to 20 HP		EA	\$ 15,000.00	\$ -
146	6.07	Install County Supplied Control Panel - over 20 HP to 40 HP		EA	\$ 15,100.00	\$ -
147	6.08	Install County Supplied Control Panel - 50 HP to 100 HP		EA	\$ 15,200.00	\$ -
148	6.09	Furnish and Install 3/4 inch Bubbler System Piping, Fittings and Appurtenances		EA	\$ 3,000.00	\$ -
149	6.10	Furnish and Install Connection/Isolation Panel		EA	\$ 5,000.00	\$ -
150	6.11	Furnish and Install 200 AMP Electrical Service to Lift Station		LF	\$ 70.00	\$ -
151	6.12	Furnish and Install 400 AMP Electrical Service to Lift Station		LF	\$ 80.00	\$ -
152	6.13	Furnish and Install 200A Emergency Connection/Transfer Panel		EA	\$ 1,500.00	\$ -
153	6.14	Furnish and Install 400A Emergency Connection/Transfer Panel		EA	\$ 2,000.00	\$ -
154	6.15	Furnish and Install Temporary Electrical Service		EA	\$ 2,500.00	\$ -
155	6.16	Furnish and Install Temporary Control Panel		EA	\$ 2,000.00	\$ -
156	6.17	Furnish and Install 3 inch Aluminum Conduit		LF	\$ 10.00	\$ -
157	6.18	Furnish and Install 2 inch Aluminum Conduit		LF	\$ 7.00	\$ -
158	6.19	Furnish and Install 1-1/2 inch Aluminum Conduit		LF	\$ 5.00	\$ -
159	6.20	Furnish and Install 1 inch Aluminum Conduit		LF	\$ 4.00	\$ -
160	6.21	Furnish and Install 2 inch PVC Conduit		LF	\$ 4.00	\$ -
161	6.22	Furnish and Install 1 inch PVC Conduit		LF	\$ 2.00	\$ -
162	6.23	Furnish and Install 2 inch Aluminum Pole for SCADA Antenna (max 20 feet)		EA	\$ 2,000.00	\$ -
<b>SECTION 6 Subtotal</b>						<b>\$ -</b>
<b>Total Price</b>						<b>\$ 165,311.32</b>

**Abbreviations:**

CY= Cubic Yard SF = Square Foot SY= Square Yard EA = Each VF = Vertical Foot LF = Linear Foot HRS = Hours  
 LBS = Pounds TN = Ton

Trench Safety Act applies to this bid solicitation. The Bidder should complete and submit the Trench Safety Act Certification (Form 004546-2) with the bid but must complete and submit within five (5) calendar days of request by COUNTY and prior to award to be considered responsive.

DATE PREPARED: 1/24/2017

PREPARED BY (NAME OF PREPARER): Larry Shortz

NAME OF COMPANY: Trio Development Corp.

AUTHORIZED SIGNATURE: 

Weights for Ductile Iron pipe, flanged and mechanical joint fittings and accessories

Bid item 5.47 Furnish and install flanged DIP fittings

Description	Qty.	4" Lbs. ea.	Qty	6" lbs. ea.	Qty.	8" lbs. ea.	Qty.	10" lbs. ea.	Sub Total in lbs.	Dollars
Flange x Mj adapter		26	2	36		50		60	72	
Flg ecc. Reducers		30	2	45		75		110	90	
Flg 90's		45	3	65		105		165	195	
Flg 45's		40	4	55		90		130	220	
Flg 22.5		40		55		90		135	0	
Flg 11.25		40		55		90		135	0	
Flg Tees		65	1	95		155		270	95	
Flg Cross		80	1	120		195		330	120	
Mega Flange adapter		20	26	32		38		65	832	
Flg Bolt sets		3.2	52	5.1		5.4		12	265.2	
									Total in pounds	1889.2
									Bid item 5.47 Total x \$7.00	\$ 13,224.40

Bid Item 5.34Furnish and install MJ Dip Force main Fittings and accessories

Description	Qty	4" Lbs. ea.	Qty.	6" Lbs. ea.	Qty.	8" Lbs. ea.	Qty.	10" lbs. ea.	Sub total in lbs.	Dollars
MJ Sleeves		25	4	39		55		68	156	
MJ 90		22	4	49		64		102	196	
MJ 45		20	2	39		56		78	78	
MJ 22.5		18		31		50		66	0	
MJ11.25		18		29		45		59	0	
MJ Tee		35	1	66		90		132	66	
MJ Wye		45	1	82		117		184	82	
MJ Cross		45		79		112		156	0	
MJ Reducer		18		28		39		54	0	
Mega Lug gland		4.6	24	11.8		14.9		23.9	283.2	
MJ accessories		4	48	6		6		8	288	
									Total in Pounds	1149.2
									Bid item5.34 Total x \$15.00	\$ 17,238.00

2.05 Remove existing iron pipe and fittings in wet wells and vaults

Description	Qty.	4" Lbs. ea.	Qty.	6" Lbs. ea.	Qty.	8" Lbs. ea.	Qty.	10" Lbs. ea.	Subtotal in Lbs.	Dollars
Feet of Pipe		13.8		21.4		30.1		39.2	0	
Flanges		13		17		28		38	0	
Total weight from 5.34 & 5.47									3038.4	
									Total in Pounds	3038.4
									Bid item 2.05 Total x \$100.00 per ton	\$ 151.92

Breakdown for Labor and Equipment Items

Task Description	1.07 Provide Foreperson/Hr.	1.08 Provide Laborer/Hr.	1.10 Provide Backhoe/ Day
Remove 3/4" Rock			
Remove RTU Mast			
Remove Pumps	4	8	1
R&R Floats	4	4	
White Line and call in locates	2		
Permitting application process			
FPI Coordination			
Chip Electric out from existing top slab			
Plug existing abandoned penetrations			
Remove Bubbler and tubing			
Extend upper guide rail brackets			
Irrigation repair			
Install hand Hole			
Install Meter Box			
Import and grade 18 yards of fill material, repair irrigation			
Clear and grub, backfill and regrade around north, south and west sides of station			
Cut Driveway subgrade			
Cut out and grade for 3/4" rock			
Grade east swale for sod 2			
Balance of grading for sod			
Pick up and Install FPL handhole, riser stub, partial removal of FPL drop			
Clean Pump Impellers and volutes			
Remove and replace bad pump #2			
Remove influent valve			
Disconnect/reconnect electrical switch south of panels			
Construct temporary support beams for panel and telemetry	16	32	2
Excavate, backfill and dewater for discharge penetrations through top of main structure	32	96	4
Subtotal	58	140	7

Attachment A

1.13 Pass Through Parts and Materials

	Amount
Leak repair if required	\$2,000.00
Temporary fencing	\$1,500.00
Panel support materials	\$450.00
Welding subcontract	\$1,920.00
Dewatering pump	\$1,800.00
Subtotal	\$7,670.00

## CSID #33

### Scope of Work 1-18-17

- Bypass pump from manhole adjacent to lift station to temporary bypass connection on existing force main. Existing force main valves to be operational.
- Vactor clean wet-well.
- Remove pumps, demolish piping from base els to temporary pump out connection.
- Remove existing valve-box, replace with new 6'x6' valve-box and lid.
- Coat existing wet-well and new valve-box and piping with Level III Coatings.
- Reinstall pumps, start and remove bypass.

Project: CSID LS 34  
 Date: 1/24/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
<b>SECTION 1 - GENERAL CONDITIONS</b>						
1	1.01	Mobilization for Routine Work Order under \$5,000.00		EA	\$200.00	\$ -
2	1.02	Mobilization for Routine Work Order from \$5,000.01 to \$25,000.00		EA	\$500.00	\$ -
3	1.03	Mobilization for Routine Work Order over \$25,000.01		EA	\$1,500.00	\$ -
4	1.04	Mobilization for Urgent Work Order under \$5,000.00		EA	\$200.00	\$ -
5	1.05	Mobilization for Urgent Work Order from \$5,000.01 to \$25,000.00	1	EA	\$500.00	\$ 500.00
6	1.06	Mobilization for Urgent Work Order over \$25,000.01		EA	\$1,500.00	\$ -
7	1.07	Provide Foreperson	18	HRS	\$100.00	\$ 1,800.00
8	1.08	Provide Laborer / Crewperson	28	HRS	\$45.00	\$ 1,260.00
9	1.09	Furnish Combination Cleaner Truck	18	HRS	\$175.00	\$ 3,150.00
10	1.10	Provide Backhoe	2	DAYS	\$500.00	\$ 1,000.00
11	1.11	Project Planning Cost (When no work order is issued)		EA	\$350.00	\$ -
12	1.12	Pass-thru for Non-County Agency Permits and Fees per Attachment "A"		Allowance		
13	1.13	Pass-Thru for Parts and Materials as per Attachment "A"		Allowance		\$ 3,500.00
14	1.14	Pass-Thru for Florida Power and Light		Allowance		
<b>SECTION 1 Subtotal</b>						<b>\$ 11,210.00</b>
<b>SECTION 2 - DEMOLITION, REMOVAL AND DISPOSAL</b>						
15	2.01	Demolish Slab on Grade, ≤ 8 inches thick		SF	\$ 10.00	\$ -
16	2.02	Demolish Slab over Wet Well or Vault > 8 inches ≤ 12 inches thick		SF	\$ 20.00	\$ -
167	2.03	Demolish and Remove Asphalt Paving	60	SF	\$ 10.00	\$ 600.00
17	2.04	Demolish Valve Vault and Top Slab	1	EA	\$ 3,000.00	\$ 3,000.00
18	2.05	Remove existing Iron Piping and Fittings in Wet Wells or Vaults	0.9635	TN	\$ 100.00	\$ 96.35
19	2.06	Remove existing Iron Piping and Fittings below Grade, including Excavation, Temporary Restraint, Backfilling, Compaction, and Restoration		TN	\$ 100.00	\$ -
20	2.07	Remove existing Valves (10 inches and under) below Grade, including Excavation, Backfilling, Compaction and Restoration		EA	\$ 100.00	\$ -
170	2.08	Remove existing Valves (10 inches and under) in Wet Wells or Vaults	5	EA	\$ 500.00	\$ 2,500.00
169	2.09	Remove existing Pump Base Ells and Rails	2	EA	\$ 1,000.00	\$ 2,000.00
23	2.10	Remove existing Chain Link Fence		LF	\$ 5.00	\$ -
24	2.11	Plug and Prepare Abandoned Pipe for Grout Filling		EA	\$ 100.00	\$ -
25	2.12	Grout Fill Abandoned Pipe		CY	\$ 200.00	\$ -
26	2.13	Demolish Wet Well (6' or 8' diameter)		VF	\$ 200.00	\$ -
27	2.14	Fill in Abandoned Wet Well or Valve Vault		CY	\$ 50.00	\$ -
28	2.15	Remove Fillet from Bottom of Wet Well	10	CF	\$ 200.00	\$ 2,000.00
<b>SECTION 2 Subtotal</b>						<b>\$ 10,196.35</b>
<b>SECTION 3 - SITE WORK</b>						
29	3.01	F & I Temporary By-pass Pumps and Piping (up to 50,000 gpd)		DAYS	\$ 50.00	\$ -
30	3.02	F & I Temporary By-pass Pumps and Piping (50,001 gpd to 250,000 gpd)		DAYS	\$ 200.00	\$ -
31	3.03	F & I Temporary By-pass Pumps and Piping (250,001 to 1.0 mgd)	45	DAYS	\$ 225.00	\$ 10,125.00
32	3.04	F & I Temporary By-pass Pumps and Piping (over 1.0 mgd)		DAYS	\$ 250.00	\$ -
33	3.05	Operate and Maintain Temporary By-pass System (up to 50,000 gpd)		DAYS	\$ 50.00	\$ -
34	3.06	Operate and Maintain Temporary By-pass System (50,001 gpd to 250,000 gpd)		DAYS	\$ 150.00	\$ -

Project: CSID LS 34  
 Date: 1/24/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
35	3.07	Operate and Maintain Temporary By-pass System (250,001 gpd to 1.0 mgd)	45	DAYS	\$ 175.00	\$ 7,875.00
36	3.08	Operate and Maintain Temporary By-pass System (over 1.0 mgd)		DAYS	\$ 200.00	\$ -
37	3.09	Exploratory Excavation	2	EA	\$ 1,000.00	\$ 2,000.00
38	3.10	Furnish and Install Temporary Line Stop (4" to 6")		EA	\$ 1,750.00	\$ -
39	3.11	Furnish and Install Temporary Line Stop (8" to 12")		EA	\$ 3,000.00	\$ -
40	3.12	Furnish and Install Temporary Line Stop (14" to 24")		EA	\$ 8,000.00	\$ -
41	3.13	8 inch Lime Rock Base Course including Sub-base Preparation	1	CY	\$ 165.00	\$ 165.00
42	3.14	12 inch Lime Rock Base Course including Sub-base Preparation		CY	\$ 200.00	\$ -
43	3.15	Saw Cut Asphalt Paving	8	LF	\$ 5.00	\$ 40.00
44	3.16	1 inch Asphalt Concrete Pavement	7	SY	\$ 10.00	\$ 70.00
45	3.17	Furnish and Install 3/4 inch Washed Rock over Weed Barrier		SY	\$ 22.00	\$ -
46	3.18	Furnish and Install Seed and Mulch		SY	\$ 3.00	\$ -
47	3.19	Furnish and Install Bahia Sod		SY	\$ 5.00	\$ -
48	3.20	Furnish and Install Floratam Sod	333	SY	\$ 7.00	\$ 2,331.00
49	3.21	Furnish and Install Pipe Bollards		EA	\$ 300.00	\$ -
50	3.22	Relocate Existing Chain Link Fence	40	LF	\$ 10.00	\$ 400.00
51	3.23	Furnish and Install New 6-foot Chain Link Fence		LF	\$ 40.00	\$ -
52	3.24	Furnish and Install 12-foot Chain Link Swing Gate		EA	\$ 2,000.00	\$ -
<b>SECTION 3 Subtotal</b>						<b>\$ 23,006.00</b>
<b>SECTION 4 - NEW AND REHABILITATED CONCRETE WORK</b>						
53	4.01	Saw Cut Concrete up to 12 inches thick		LF	\$ 30.00	\$ -
54	4.02	Saw Cut Concrete > 12 inches ≤ 24 inches thick		LF	\$ 35.00	\$ -
55	4.03	Core Hole in Concrete up to 12 inches thick (6 inch to 12 inch diameter)		EA	\$ 400.00	\$ -
56	4.04	Core Hole in Concrete up to 12 inches thick (over 12 inch diameter)	6	EA	\$ 750.00	\$ 4,500.00
57	4.05	Furnish and Install Precast Wet Well Structure (6 foot diameter)		VF	\$ 1,500.00	\$ -
58	4.06	Furnish and Install Precast Wet Well Structure (8 foot diameter)		VF	\$ 2,000.00	\$ -
59	4.07	Furnish and Install Precast Wet Well Structure (10 foot diameter)		VF	\$ 2,200.00	\$ -
60	4.08	Furnish and Install Precast Wet Well Structure (12 foot diameter)		VF	\$ 2,400.00	\$ -
61	4.09	Furnish and Install Wet Well Precast Top Slab with 2.5 foot x 4.5 foot Hatch (6 foot diameter)		EA	\$ 6,000.00	\$ -
62	4.10	Furnish and Install Wet Well Precast Top Slab with 3 foot x 6 foot Hatch (8 foot diameter)		EA	\$ 6,500.00	\$ -
63	4.11	Furnish and Install Wet Well Precast Top Slab with 4 foot x 6 foot Hatch (10 foot diameter)		EA	\$ 6,700.00	\$ -
64	4.12	Furnish and Install Wet Well Precast Top Slab with 4 foot x 6 foot Hatch (12 foot diameter)		EA	\$ 6,900.00	\$ -
65	4.13	Furnish and Install Retrofit Hatch (TPD - 300 psf) 47" x 47"		EA	\$ 1,300.00	\$ -
66	4.14	Furnish and Install Retrofit Hatch (TPD - 300 psf) 47" x 53"		EA	\$ 1,400.00	\$ -
67	4.15	Furnish and Install Retrofit Hatch (TPD - 300 psf) 47" x 71"		EA	\$ 1,700.00	\$ -
68	4.16	Furnish and Install Retrofit Hatch (TPD - 300 psf) 59" x 59"		EA	\$ 1,800.00	\$ -
69	4.17	Furnish and Install Wet Well Fillet	10	CF	\$ 200.00	\$ 2,000.00
70	4.18	Furnish and Install 4.5 foot x 7.0 foot Precast Meter Vault		EA	\$ 11,500.00	\$ -
71	4.19	Furnish and Install 5.5 foot x 8.0 foot Precast Meter Vault		EA	\$ 12,500.00	\$ -

Project: CSID LS 34  
 Date: 1/24/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
73	4.21	Furnish and Install 5.0 foot x 5.0 foot Precast Meter Vault		EA	\$ 10,500.00	\$ -
74	4.22	Furnish and Install 6.0 foot x 6.0 foot Precast Meter Vault	1	EA	\$ 12,500.00	\$ 12,500.00
75	4.23	Wet Well and Manhole Interior Surface Preparation	812	SF	\$ 2.00	\$ 1,624.00
76	4.24	Furnish and Install Wet Well and Manhole Cementitious Coating - Brick Structures		SF	\$ 9.00	\$ -
77	4.25	Furnish and Install Wet Well and Manhole Cementitious Coating - Precast Structures		SF	\$ 5.00	\$ -
78	4.26	Furnish and Install Wet Well and Manhole Level II Coating (Sewper Coat or BASF SP15)	684	SF	\$ 5.00	\$ 3,420.00
79	4.27	Furnish and Install Wet Well and Manhole Level III Coating (BASF Sewer Guard HBS 100 Epoxy Liner)	684	SF	\$ 10.00	\$ 6,840.00
80	4.28	Furnish and Install Bituminastic Coating	128	SF	\$ 4.00	\$ 512.00
81	4.29	Furnish and Install Precast Manhole, 4 foot diameter, 6 feet to 10 feet deep		EA	\$ 8,000.00	\$ -
82	4.30	Furnish and Install Precast Manhole, 4 foot diameter, 10 feet to 14 feet deep		EA	\$ 10,000.00	\$ -
83	4.31	Furnish and Install Precast Manhole, 4 foot diameter, 14 feet to 18 feet deep		EA	\$ 14,000.00	\$ -
84	4.32	Furnish and Install Precast Manhole, 4 foot diameter, over 18 feet deep		EA	\$ 15,000.00	\$ -
85	4.33	Furnish and Install Reinforced Concrete Slab on Grade (up to 12 inches thick)		CY	\$ 300.00	\$ -
86	4.34	Furnish and Install Reinforced Formed Concrete		CY	\$ 300.00	\$ -
87	4.35	Furnish and Install Miscellaneous Unreinforced Formed Concrete		CY	\$ 200.00	\$ -
88	4.36	Form and Pour Concrete Sidewalk (6 inch thick unreinforced)		SY	\$ 40.00	\$ -
89	4.37	Furnish and Install Flowable Fill		CY	\$ 200.00	\$ -
90	4.38	Furnish Concrete Pump	6	HRS	\$ 300.00	\$ 1,800.00
<b>SECTION 4 Subtotal</b>						\$ 33,196.00
<b>SECTION 5 - PIPING AND VALVES</b>						
91	5.01	Furnish and Install 4 inch FLG Plug Valve with Stainless Steel Accessories		EA	\$ 2,000.00	\$ -
92	5.02	Furnish and Install 6 inch FLG Plug Valve with Stainless Steel Accessories	2	EA	\$ 3,000.00	\$ 6,000.00
93	5.03	Furnish and Install 8 inch FLG Plug Valve with Stainless Steel Accessories		EA	\$ 3,200.00	\$ -
94	5.04	Furnish and Install 10 inch FLG Plug Valve with Stainless Steel Accessories		EA	\$ 3,500.00	\$ -
95	5.05	Furnish and Install 4 inch Check Valve with Stainless Steel Accessories		EA	\$ 3,000.00	\$ -
96	5.06	Furnish and Install 6 inch Check Valve with Stainless Steel Accessories	2	EA	\$ 4,000.00	\$ 8,000.00
97	5.07	Furnish and Install 8 inch Check Valve with Stainless Steel Accessories		EA	\$ 4,500.00	\$ -
98	5.08	Furnish and Install 10 inch Check Valve with Stainless Steel Accessories		EA	\$ 4,700.00	\$ -
99	5.09	Furnish and Install 4 inch Pump Out Connection		EA	\$ 2,000.00	\$ -
100	5.10	Furnish and Install 6 inch Pump Out Connection	2	EA	\$ 4,000.00	\$ 8,000.00
101	5.11	Furnish and Install 4 inch MJ Plug Valve with Accessories		EA	\$ 3,800.00	\$ -
102	5.12	Furnish and Install 6 inch MJ Plug Valve with Accessories	1	EA	\$ 4,000.00	\$ 4,000.00
103	5.13	Furnish and Install 8 inch MJ Plug Valve with Accessories		EA	\$ 4,500.00	\$ -
104	5.14	Furnish and Install 10 inch MJ Plug Valve with Accessories		EA	\$ 4,600.00	\$ -
105	5.15	Furnish and Install 4 inch Flanged DI Piping		LF	\$ 100.00	\$ -
106	5.16	Furnish and Install 6 inch Flanged DI Piping	78	LF	\$ 150.00	\$ 11,700.00



Project: CSID LS 34  
 Date: 1/24/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
107	5.17	Furnish and Install 8 inch Flanged DI Piping		LF	\$ 160.00	\$ -
108	5.18	Furnish and Install 10 inch Flanged DI Piping		LF	\$ 170.00	\$ -
109	5.19	Furnish and Install 4 inch MJ Flexible Joint		EA	\$ 1,800.00	\$ -
110	5.20	Furnish and Install 6 inch MJ Flexible Joint		EA	\$ 2,700.00	\$ -
111	5.21	Furnish and Install 8 inch MJ Flexible Joint		EA	\$ 3,400.00	\$ -
112	5.22	Furnish and Install 10 inch MJ Flexible Joint		EA	\$ 4,500.00	\$ -
113	5.23	Furnish and Install Pump Base Elbow and County Supplied Pumps (4 inch Discharge)	2	EA	\$ 2,000.00	\$ 4,000.00
114	5.24	Furnish and Install Pump Base Elbow and County Supplied Pumps (6 inch Discharge)		EA	\$ 2,100.00	\$ -
115	5.25	Furnish and Install Pump Base Elbow and County Supplied Pumps (8 inch Discharge)		EA	\$ 2,200.00	\$ -
116	5.26	Furnish and Install Stainless Steel Float Hanger Bracket		EA	\$ 250.00	\$ -
117	5.27	Furnish and Install Wet Well Vent		EA	\$ 3,000.00	\$ -
118	5.28	Furnish and Install 2 inch Water Service		EA	\$ 3,000.00	\$ -
119	5.29	Furnish and Install 2 inch Back Flow Prevention Device		EA	\$ 2,000.00	\$ -
120	5.30	Furnish and Install 4 inch DIP Mechanical Joint Force Main		LF	\$ 50.00	\$ -
121	5.31	Furnish and Install 6 inch DIP Mechanical Joint Force Main	15	LF	\$ 55.00	\$ 825.00
122	5.32	Furnish and Install 8 inch DIP Mechanical Joint Force Main		LF	\$ 60.00	\$ -
123	5.33	Furnish and Install 10 inch DIP Mechanical Joint Force Main		LF	\$ 65.00	\$ -
124	5.34	Furnish and Install MJ DIP Force Main Fittings and Accessories	625.4	LBS	\$ 15.00	\$ 9,381.00
125	5.35	Furnish and Install 8 inch PVC Sanitary Sewer (SDR 26) (6 feet - 10 feet deep)		LF	\$ 75.00	\$ -
126	5.36	Furnish and Install 8 inch PVC Sanitary Sewer (SDR 26) (10 feet - 14 feet deep)		LF	\$ 100.00	\$ -
127	5.37	Furnish and Install 8 inch PVC Sanitary Sewer (C-900) (14 feet - 18 feet deep)		LF	\$ 150.00	\$ -
128	5.38	Furnish and Install 10 inch PVC Sanitary Sewer (SDR 26) (6 feet - 10 feet deep)		LF	\$ 80.00	\$ -
129	5.39	Furnish and Install 10 inch PVC Sanitary Sewer (SDR 26) (10 feet - 14 feet deep)		LF	\$ 105.00	\$ -
130	5.40	Furnish and Install 10 inch PVC Sanitary Sewer (C-900) (14 feet - 18 feet deep)		LF	\$ 155.00	\$ -
131	5.41	Furnish and Install 10 inch PVC Sanitary Sewer (C-900) (over 18 feet deep)		LF	\$ 200.00	\$ -
132	5.42	Furnish and Install Connection to Existing Force Main - 6 inch	1	EA	\$ 3,000.00	\$ 3,000.00
133	5.43	Furnish and Install Connection to Existing Force Main - 8 inch		EA	\$ 3,200.00	\$ -
134	5.44	Furnish and Install Connection to Existing Force Main - 10 inch		EA	\$ 3,400.00	\$ -
135	5.45	Furnish and Install Connection to Existing Force Main - 12 inch		EA	\$ 3,600.00	\$ -
136	5.46	Furnish and Install 3" PVC Valve Vault Drain Assembly	1	EA	\$ 3,500.00	\$ 3,500.00
137	5.47	Furnish and Install Flanged DIP Fittings	1301.6	LBS	\$ 7.00	\$ 9,111.20
138	5.48	Grout Abandon Lines		CY	\$ 200.00	\$ -
139	5.49	Furnish and Install Pressure Gauge Assembly		EA	\$ 2,500.00	\$ -

Project: CSID LS 34  
 Date: 1/24/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
<b>SECTION 5 Subtotal</b>						\$ 67,517.20
<b>SECTION 6 - ELECTRICAL WORK</b>						
140	6.01	Remove Existing Control Panel		EA	\$ 3,500.00	\$ -
141	6.02	Remove Existing Electric Meter		EA	\$ 3,500.00	\$ -
142	6.03	Relocate Existing Control Panel (up to 30 feet)		EA	\$ 12,000.00	\$ -
143	6.04	Relocate Existing Electric Meter (up to 30 feet)		EA	\$ 5,000.00	\$ -
144	6.05	Install County Supplied Control Panel - up to 10 HP		EA	\$ 14,000.00	\$ -
145	6.06	Install County Supplied Control Panel - over 10 HP to 20 HP		EA	\$ 15,000.00	\$ -
146	6.07	Install County Supplied Control Panel - over 20 HP to 40 HP		EA	\$ 15,100.00	\$ -
147	6.08	Install County Supplied Control Panel - 50 HP to 100 HP		EA	\$ 15,200.00	\$ -
148	6.09	Furnish and Install 3/4 inch Bubbler System Piping, Fittings and Appurtenances		EA	\$ 3,000.00	\$ -
149	6.10	Furnish and Install Connection/Isolation Panel		EA	\$ 5,000.00	\$ -
150	6.11	Furnish and Install 200 AMP Electrical Service to Lift Station		LF	\$ 70.00	\$ -
151	6.12	Furnish and Install 400 AMP Electrical Service to Lift Station		LF	\$ 80.00	\$ -
152	6.13	Furnish and Install 200A Emergency Connection/Transfer Panel		EA	\$ 1,500.00	\$ -
153	6.14	Furnish and Install 400A Emergency Connection/Transfer Panel		EA	\$ 2,000.00	\$ -
154	6.15	Furnish and Install Temporary Electrical Service		EA	\$ 2,500.00	\$ -
155	6.16	Furnish and Install Temporary Control Panel		EA	\$ 2,000.00	\$ -
156	6.17	Furnish and Install 3 inch Aluminum Conduit		LF	\$ 10.00	\$ -
157	6.18	Furnish and Install 2 inch Aluminum Conduit		LF	\$ 7.00	\$ -
158	6.19	Furnish and Install 1-1/2 inch Aluminum Conduit		LF	\$ 5.00	\$ -
159	6.20	Furnish and Install 1 inch Aluminum Conduit		LF	\$ 4.00	\$ -
160	6.21	Furnish and Install 2 inch PVC Conduit		LF	\$ 4.00	\$ -
161	6.22	Furnish and Install 1 inch PVC Conduit		LF	\$ 2.00	\$ -
162	6.23	Furnish and Install 2 inch Aluminum Pole for SCADA Antenna (max 20 feet)		EA	\$ 2,000.00	\$ -
<b>SECTION 6 Subtotal</b>						\$ -
<b>Total Price</b>						\$ 145,125.55

**Abbreviations:**

CY= Cubic Yard SF = Square Foot SY= Square Yard EA = Each VF = Vertical Foot LF = Linear Foot HRS = Hours  
 LBS = Pounds TN = Ton

Trench Safety Act applies to this bid solicitation. The Bidder should complete and submit the Trench Safety Act Certification (Form 004546-2) with the bid but must complete and submit within five (5) calendar days of request by COUNTY and prior to award to be considered responsive.

DATE PREPARED: 1/24/2017

PREPARED BY (NAME OF PREPARER): Larry Shortz

NAME OF COMPANY: Trio Development Corp.

AUTHORIZED SIGNATURE: 

Weights for Ductile Iron pipe, flanged and mechanical joint fittings and accessories

Bid item 5.47 Furnish and install flanged DIP fittings

Description	Qty.	4" Lbs. ea.	Qty	6" lbs. ea.	Qty.	8" lbs. ea.	Qty.	10" lbs. ea.	Sub Total in lbs.	Dollars
Flange x Mj adapter		26	2	36		50		60	72	
Flg ecc. Reducers		30	2	45		75		110	90	
Flg 90's		45	4	65		105		165	260	
Flg 45's		40		55		90		130	0	
Flg 22.5		40		55		90		135	0	
Flg 11.25		40		55		90		135	0	
Flg Tees		65		95		155		270	0	
Flg Cross		80	1	120		195		330	120	
Mega Flange adapter		20	18	32		38		65	576	
Flg Bolt sets		3.2	36	5.1		5.4		12	183.6	
									Total in pounds	1301.6
									Bid item 5.47 Total x \$7.00	\$ 9,111.20

Bid Item 5.34Furnish and install MJ Dip Force main Fittings and accessories

Description	Qty	4" Lbs. ea.	Qty.	6" Lbs. ea.	Qty.	8" Lbs. ea.	Qty.	10" lbs. ea.	Sub total in lbs.	Dollars
MJ Sleeves		25	3	39		55		68	117	
MJ 90		22		49		64		102	0	
MJ 45		20	3	39		56		78	117	
MJ 22.5		18		31		50		66	0	
MJ11.25		18		29		45		59	0	
MJ Tee		35		66		90		132	0	
MJ Wye		45	1	82		117		184	82	
MJ Cross		45		79		112		156	0	
MJ Reducer		18		28		39		54	0	
Mega Lug gland		4.6	13	11.8		14.9		23.9	153.4	
MJ accessories		4	26	6		6		8	156	
									Total in Pounds	625.4
									Bid item5.34 Total x \$15.00	\$ 9,381.00

2.05 Remove existing iron pipe and fittings in wet wells and vaults

Description	Qty.	4" Lbs. ea.	Qty.	6" Lbs. ea.	Qty.	8" Lbs. ea.	Qty.	10" Lbs. ea.	Subtotal in Lbs.	Dollars
Feet of Pipe		13.8		21.4		30.1		39.2	0	
Flanges		13		17		28		38	0	
Total weight from 5.34 & 5.47									1927	
									Total in Pounds	1927
									Bid item 2.05 Total x \$100.00 per ton	\$ 96.35

Breakdown for Labor and Equipment Items

Task Description	1.07 Provide Foreperson/Hr.	1.08 Provide Laborer/Hr.	1.10 Provide Backhoe/ Day
Remove 3/4" Rock			
Remove RTU Mast			
Remove Pumps	4	8	1
R&R Floats	4	4	
White Line and call in locates	2		
Permitting application process			
FPI Coordination			
Chip Electric out from existing top slab			
Plug existing abandoned penetrations			
Remove Bubbler and tubing			
Extend upper guide rail brackets			
Irrigation repair	8	16	1
Install hand Hole			
Install Meter Box			
Import and grade 18 yards of fill material, repair irrigation			
Clear and grub, backfill and regrade around north, south and west sides of station			
Cut Driveway subgrade			
Cut out and grade for 3/4" rock			
Grade east swale for sod 2			
Balance of grading for sod			
Pick up and Install FPL handhole, riser stub, partial removal of FPL drop			
Clean Pump Impellers and volutes			
Remove and replace bad pump #2			
Remove influent valve			
Disconnect/reconnect electrical switch south of panels			
Install temporary pump-out connection			
Excavate & backfill for line stop			
Subtotal	18	28	2

Attachment A

1.13 Pass Through Parts and Materials

Amount

Leak repair if required

\$2,000.00

Temporary fencing

\$1,500.00

Subtotal

\$3,500.00

## CSID #34

### Scope of Work 1-18-17

- Bypass pump from south side of roadway to existing force main after installation of temporary pump out connection. Existing force main valves to be operational.
- Vactor clean wet-well.
- Remove pumps, demolish piping from base els to temporary pump out connection.
- Remove existing valve-box, replace with new 6'x6' valve-box and lid. Existing electrical service line to be relocated by others or valve-box to be shifted closer to wet-well.
- Coat existing wet-well and new valve-box and piping with Level III Coatings.
- Reinstall pumps, start and remove bypass.

Project: CSID LS 35  
 Date: 1/20/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
<b>SECTION 1 - GENERAL CONDITIONS</b>						
1	1.01	Mobilization for Routine Work Order under \$5,000.00		EA	\$200.00	\$ -
2	1.02	Mobilization for Routine Work Order from \$5,000.01 to \$25,000.00		EA	\$500.00	\$ -
3	1.03	Mobilization for Routine Work Order over \$25,000.01	1	EA	\$1,500.00	\$ 1,500.00
4	1.04	Mobilization for Urgent Work Order under \$5,000.00		EA	\$200.00	\$ -
5	1.05	Mobilization for Urgent Work Order from \$5,000.01 to \$25,000.00		EA	\$500.00	\$ -
6	1.06	Mobilization for Urgent Work Order over \$25,000.01		EA	\$1,500.00	\$ -
7	1.07	Provide Foreperson	16	HRS	\$100.00	\$ 1,600.00
8	1.08	Provide Laborer / Crewperson	28	HRS	\$45.00	\$ 1,260.00
9	1.09	Furnish Combination Cleaner Truck	8	HRS	\$175.00	\$ 1,400.00
10	1.10	Provide Backhoe	1	DAYS	\$500.00	\$ 500.00
11	1.11	Project Planning Cost (When no work order is issued)		EA	\$350.00	\$ -
12	1.12	Pass-thru for Non-County Agency Permits and Fees per Attachment "A"		Allowance		
13	1.13	Pass-Thru for Parts and Materials as per Attachment "A"		Allowance		\$ 3,500.00
14	1.14	Pass-Thru for Florida Power and Light		Allowance		
<b>SECTION 1 Subtotal</b>						<b>\$ 9,760.00</b>
<b>SECTION 2 - DEMOLITION, REMOVAL AND DISPOSAL</b>						
15	2.01	Demolish Slab on Grade, ≤ 8 inches thick		SF	\$ 10.00	\$ -
16	2.02	Demolish Slab over Wet Well or Vault > 8 inches ≤ 12 inches thick	78	SF	\$ 20.00	\$ 1,560.00
167	2.03	Demolish and Remove Asphalt Paving		SF	\$ 10.00	\$ -
17	2.04	Demolish Valve Vault and Top Slab	1	EA	\$ 3,000.00	\$ 3,000.00
18	2.05	Remove existing Iron Piping and Fittings in Wet Wells or Vaults	0.965	TN	\$ 100.00	\$ 96.50
19	2.06	Remove existing Iron Piping and Fittings below Grade, including Excavation, Temporary Restraint, Backfilling, Compaction, and Restoration		TN	\$ 100.00	\$ -
20	2.07	Remove existing Valves (10 inches and under) below Grade, including Excavation, Backfilling, Compaction and Restoration		EA	\$ 100.00	\$ -
170	2.08	Remove existing Valves (10 inches and under) in Wet Wells or Vaults	8	EA	\$ 500.00	\$ 4,000.00
169	2.09	Remove existing Pump Base Ells and Rails	3	EA	\$ 1,000.00	\$ 3,000.00
23	2.10	Remove existing Chain Link Fence		LF	\$ 5.00	\$ -
24	2.11	Plug and Prepare Abandoned Pipe for Grout Filling		EA	\$ 100.00	\$ -
25	2.12	Grout Fill Abandoned Pipe		CY	\$ 200.00	\$ -
26	2.13	Demolish Wet Well (6' or 8' diameter)		VF	\$ 200.00	\$ -
27	2.14	Fill in Abandoned Wet Well or Valve Vault		CY	\$ 50.00	\$ -
28	2.15	Remove Fillet from Bottom of Wet Well	12	CF	\$ 200.00	\$ 2,400.00
<b>SECTION 2 Subtotal</b>						<b>\$ 14,056.50</b>
<b>SECTION 3 - SITE WORK</b>						
29	3.01	F & I Temporary By-pass Pumps and Piping (up to 50,000 gpd)		DAYS	\$ 50.00	\$ -
30	3.02	F & I Temporary By-pass Pumps and Piping (50,001 gpd to 250,000 gpd)		DAYS	\$ 200.00	\$ -
31	3.03	F & I Temporary By-pass Pumps and Piping (250,001 to 1.0 mgd)	30	DAYS	\$ 225.00	\$ 6,750.00
32	3.04	F & I Temporary By-pass Pumps and Piping (over 1.0 mgd)		DAYS	\$ 250.00	\$ -
33	3.05	Operate and Maintain Temporary By-pass System (up to 50,000 gpd)		DAYS	\$ 50.00	\$ -
34	3.06	Operate and Maintain Temporary By-pass System (50,001 gpd to 250,000 gpd)		DAYS	\$ 150.00	\$ -

Project: CSID LS 35  
 Date: 1/20/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
35	3.07	Operate and Maintain Temporary By-pass System (250,001 gpd to 1.0 mgd)	30	DAYS	\$ 175.00	\$ 5,250.00
36	3.08	Operate and Maintain Temporary By-pass System (over 1.0 mgd)		DAYS	\$ 200.00	\$ -
37	3.09	Exploratory Excavation	1	EA	\$ 1,000.00	\$ 1,000.00
38	3.10	Furnish and Install Temporary Line Stop (4" to 6")		EA	\$ 1,750.00	\$ -
39	3.11	Furnish and Install Temporary Line Stop (8" to 12")		EA	\$ 3,000.00	\$ -
40	3.12	Furnish and Install Temporary Line Stop (14" to 24")		EA	\$ 8,000.00	\$ -
41	3.13	8 inch Lime Rock Base Course including Sub-base Preparation		CY	\$ 165.00	\$ -
42	3.14	12 inch Lime Rock Base Course including Sub-base Preparation		CY	\$ 200.00	\$ -
43	3.15	Saw Cut Asphalt Paving		LF	\$ 5.00	\$ -
44	3.16	1 inch Asphalt Concrete Pavement		SY	\$ 10.00	\$ -
45	3.17	Furnish and Install 3/4 inch Washed Rock over Weed Barrier		SY	\$ 22.00	\$ -
46	3.18	Furnish and Install Seed and Mulch		SY	\$ 3.00	\$ -
47	3.19	Furnish and Install Bahia Sod	278	SY	\$ 5.00	\$ 1,390.00
48	3.20	Furnish and Install Floratam Sod		SY	\$ 7.00	\$ -
49	3.21	Furnish and Install Pipe Bollards		EA	\$ 300.00	\$ -
50	3.22	Relocate Existing Chain Link Fence		LF	\$ 10.00	\$ -
51	3.23	Furnish and Install New 6-foot Chain Link Fence		LF	\$ 40.00	\$ -
52	3.24	Furnish and Install 12-foot Chain Link Swing Gate		EA	\$ 2,000.00	\$ -
<b>SECTION 3 Subtotal</b>						<b>\$ 14,390.00</b>
<b>SECTION 4 - NEW AND REHABILITATED CONCRETE WORK</b>						
53	4.01	Saw Cut Concrete up to 12 inches thick		LF	\$ 30.00	\$ -
54	4.02	Saw Cut Concrete > 12 inches ≤ 24 inches thick		LF	\$ 35.00	\$ -
55	4.03	Core Hole in Concrete up to 12 inches thick (6 inch to 12 inch diameter)		EA	\$ 400.00	\$ -
56	4.04	Core Hole in Concrete up to 12 inches thick (over 12 inch diameter)	6	EA	\$ 750.00	\$ 4,500.00
57	4.05	Furnish and Install Precast Wet Well Structure (6 foot diameter)		VF	\$ 1,500.00	\$ -
58	4.06	Furnish and Install Precast Wet Well Structure (8 foot diameter)	1	VF	\$ 2,000.00	\$ 2,000.00
59	4.07	Furnish and Install Precast Wet Well Structure (10 foot diameter)		VF	\$ 2,200.00	\$ -
60	4.08	Furnish and Install Precast Wet Well Structure (12 foot diameter)		VF	\$ 2,400.00	\$ -
61	4.09	Furnish and Install Wet Well Precast Top Slab with 2.5 foot x 4.5 foot Hatch (6 foot diameter)		EA	\$ 6,000.00	\$ -
62	4.10	Furnish and Install Wet Well Precast Top Slab with 3 foot x 6 foot Hatch (8 foot diameter)		EA	\$ 6,500.00	\$ -
63	4.11	Furnish and Install Wet Well Precast Top Slab with 4 foot x 6 foot Hatch (10 foot diameter)		EA	\$ 6,700.00	\$ -
64	4.12	Furnish and Install Wet Well Precast Top Slab with 4 foot x 6 foot Hatch (12 foot diameter)		EA	\$ 6,900.00	\$ -
65	4.13	Furnish and Install Retrofit Hatch (TPD - 300 psf) 47" x 47"		EA	\$ 1,300.00	\$ -
66	4.14	Furnish and Install Retrofit Hatch (TPD - 300 psf) 47" x 53"		EA	\$ 1,400.00	\$ -
67	4.15	Furnish and Install Retrofit Hatch (TPD - 300 psf) 47" x 71"		EA	\$ 1,700.00	\$ -
68	4.16	Furnish and Install Retrofit Hatch (TPD - 300 psf) 59" x 59"		EA	\$ 1,800.00	\$ -
69	4.17	Furnish and Install Wet Well Fillet	12	CF	\$ 200.00	\$ 2,400.00
70	4.18	Furnish and Install 4.5 foot x 7.0 foot Precast Meter Vault		EA	\$ 11,500.00	\$ -
71	4.19	Furnish and Install 5.5 foot x 8.0 foot Precast Meter Vault		EA	\$ 12,500.00	\$ -



Project: CSID LS 35  
 Date: 1/20/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
73	4.21	Furnish and Install 5.0 foot x 5.0 foot Precast Meter Vault		EA	\$ 10,500.00	\$ -
74	4.22	Furnish and Install 6.0 foot x 6.0 foot Precast Meter Vault	1	EA	\$ 12,500.00	\$ 12,500.00
75	4.23	Wet Well and Manhole Interior Surface Preparation		SF	\$ 2.00	\$ -
76	4.24	Furnish and Install Wet Well and Manhole Cementitious Coating - Brick Structures		SF	\$ 9.00	\$ -
77	4.25	Furnish and Install Wet Well and Manhole Cementitious Coating - Precast Structures		SF	\$ 5.00	\$ -
78	4.26	Furnish and Install Wet Well and Manhole Level II Coating (Sewper Coat or BASF SP15)		SF	\$ 5.00	\$ -
79	4.27	Furnish and Install Wet Well and Manhole Level III Coating (BASF Sewer Guard HBS 100 Epoxy Liner)		SF	\$ 10.00	\$ -
80	4.28	Furnish and Install Bituminastic Coating		SF	\$ 4.00	\$ -
81	4.29	Furnish and Install Precast Manhole, 4 foot diameter, 6 feet to 10 feet deep		EA	\$ 8,000.00	\$ -
82	4.30	Furnish and Install Precast Manhole, 4 foot diameter, 10 feet to 14 feet deep		EA	\$ 10,000.00	\$ -
83	4.31	Furnish and Install Precast Manhole, 4 foot diameter, 14 feet to 18 feet deep		EA	\$ 14,000.00	\$ -
84	4.32	Furnish and Install Precast Manhole, 4 foot diameter, over 18 feet deep		EA	\$ 15,000.00	\$ -
85	4.33	Furnish and Install Reinforced Concrete Slab on Grade (up to 12 inches thick)		CY	\$ 300.00	\$ -
86	4.34	Furnish and Install Reinforced Formed Concrete	9	CY	\$ 300.00	\$ 2,700.00
87	4.35	Furnish and Install Miscellaneous Unreinforced Formed Concrete		CY	\$ 200.00	\$ -
88	4.36	Form and Pour Concrete Sidewalk (6 inch thick unreinforced)		SY	\$ 40.00	\$ -
89	4.37	Furnish and Install Flowable Fill		CY	\$ 200.00	\$ -
90	4.38	Furnish Concrete Pump	6	HRS	\$ 300.00	\$ 1,800.00
<b>SECTION 4 Subtotal</b>						\$ 25,900.00
<b>SECTION 5 - PIPING AND VALVES</b>						
91	5.01	Furnish and Install 4 inch FLG Plug Valve with Stainless Steel Accessories		EA	\$ 2,000.00	\$ -
92	5.02	Furnish and Install 6 inch FLG Plug Valve with Stainless Steel Accessories	3	EA	\$ 3,000.00	\$ 9,000.00
93	5.03	Furnish and Install 8 inch FLG Plug Valve with Stainless Steel Accessories		EA	\$ 3,200.00	\$ -
94	5.04	Furnish and Install 10 inch FLG Plug Valve with Stainless Steel Accessories		EA	\$ 3,500.00	\$ -
95	5.05	Furnish and Install 4 inch Check Valve with Stainless Steel Accessories		EA	\$ 3,000.00	\$ -
96	5.06	Furnish and Install 6 inch Check Valve with Stainless Steel Accessories	3	EA	\$ 4,000.00	\$ 12,000.00
97	5.07	Furnish and Install 8 inch Check Valve with Stainless Steel Accessories		EA	\$ 4,500.00	\$ -
98	5.08	Furnish and Install 10 inch Check Valve with Stainless Steel Accessories		EA	\$ 4,700.00	\$ -
99	5.09	Furnish and Install 4 inch Pump Out Connection		EA	\$ 2,000.00	\$ -
100	5.10	Furnish and Install 6 inch Pump Out Connection	2	EA	\$ 4,000.00	\$ 8,000.00
101	5.11	Furnish and Install 4 inch MJ Plug Valve with Accessories		EA	\$ 3,800.00	\$ -
102	5.12	Furnish and Install 6 inch MJ Plug Valve with Accessories		EA	\$ 4,000.00	\$ -
103	5.13	Furnish and Install 8 inch MJ Plug Valve with Accessories	1	EA	\$ 4,500.00	\$ 4,500.00
104	5.14	Furnish and Install 10 inch MJ Plug Valve with Accessories		EA	\$ 4,600.00	\$ -
105	5.15	Furnish and Install 4 inch Flanged DI Piping		LF	\$ 100.00	\$ -
106	5.16	Furnish and Install 6 inch Flanged DI Piping	100	LF	\$ 150.00	\$ 15,000.00

Project: CSID LS 35  
 Date: 1/20/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
107	5.17	Furnish and Install 8 inch Flanged DI Piping		LF	\$ 160.00	\$ -
108	5.18	Furnish and Install 10 inch Flanged DI Piping		LF	\$ 170.00	\$ -
109	5.19	Furnish and Install 4 inch MJ Flexible Joint		EA	\$ 1,800.00	\$ -
110	5.20	Furnish and Install 6 inch MJ Flexible Joint		EA	\$ 2,700.00	\$ -
111	5.21	Furnish and Install 8 inch MJ Flexible Joint		EA	\$ 3,400.00	\$ -
112	5.22	Furnish and Install 10 inch MJ Flexible Joint		EA	\$ 4,500.00	\$ -
113	5.23	Furnish and Install Pump Base Elbow and County Supplied Pumps (4 inch Discharge)	3	EA	\$ 2,000.00	\$ 6,000.00
114	5.24	Furnish and Install Pump Base Elbow and County Supplied Pumps (6 inch Discharge)		EA	\$ 2,100.00	\$ -
115	5.25	Furnish and Install Pump Base Elbow and County Supplied Pumps (8 inch Discharge)		EA	\$ 2,200.00	\$ -
116	5.26	Furnish and Install Stainless Steel Float Hanger Bracket		EA	\$ 250.00	\$ -
117	5.27	Furnish and Install Wet Well Vent		EA	\$ 3,000.00	\$ -
118	5.28	Furnish and Install 2 inch Water Service		EA	\$ 3,000.00	\$ -
119	5.29	Furnish and Install 2 inch Back Flow Prevention Device		EA	\$ 2,000.00	\$ -
120	5.30	Furnish and Install 4 inch DIP Mechanical Joint Force Main		LF	\$ 50.00	\$ -
121	5.31	Furnish and Install 6 inch DIP Mechanical Joint Force Main	20	LF	\$ 55.00	\$ 1,100.00
122	5.32	Furnish and Install 8 inch DIP Mechanical Joint Force Main		LF	\$ 60.00	\$ -
123	5.33	Furnish and Install 10 inch DIP Mechanical Joint Force Main		LF	\$ 65.00	\$ -
124	5.34	Furnish and Install MJ DIP Force Main Fittings and Accessories	433	LBS	\$ 15.00	\$ 6,495.00
125	5.35	Furnish and Install 8 inch PVC Sanitary Sewer (SDR 26) (6 feet - 10 feet deep)		LF	\$ 75.00	\$ -
126	5.36	Furnish and Install 8 inch PVC Sanitary Sewer (SDR 26) (10 feet - 14 feet deep)		LF	\$ 100.00	\$ -
127	5.37	Furnish and Install 8 inch PVC Sanitary Sewer (C-900) (14 feet - 18 feet deep)		LF	\$ 150.00	\$ -
128	5.38	Furnish and Install 10 inch PVC Sanitary Sewer (SDR 26) (6 feet - 10 feet deep)		LF	\$ 80.00	\$ -
129	5.39	Furnish and Install 10 inch PVC Sanitary Sewer (SDR 26) (10 feet - 14 feet deep)		LF	\$ 105.00	\$ -
130	5.40	Furnish and Install 10 inch PVC Sanitary Sewer (C-900) (14 feet - 18 feet deep)		LF	\$ 155.00	\$ -
131	5.41	Furnish and Install 10 inch PVC Sanitary Sewer (C-900) (over 18 feet deep)		LF	\$ 200.00	\$ -
132	5.42	Furnish and Install Connection to Existing Force Main - 6 inch	1	EA	\$ 3,000.00	\$ 3,000.00
133	5.43	Furnish and Install Connection to Existing Force Main - 8 inch		EA	\$ 3,200.00	\$ -
134	5.44	Furnish and Install Connection to Existing Force Main - 10 inch		EA	\$ 3,400.00	\$ -
135	5.45	Furnish and Install Connection to Existing Force Main - 12 inch		EA	\$ 3,600.00	\$ -
136	5.46	Furnish and Install 3" PVC Valve Vault Drain Assembly	1	EA	\$ 3,500.00	\$ 3,500.00
137	5.47	Furnish and Install Flanged DIP Fittings	1497	LBS	\$ 7.00	\$ 10,479.00
138	5.48	Grout Abandon Lines		CY	\$ 200.00	\$ -
139	5.49	Furnish and Install Pressure Gauge Assembly		EA	\$ 2,500.00	\$ -

Project: CSID LS 35  
 Date: 1/20/2017  
 Bid No.: Y1180908B1  
**Lift Station Rehabilitation and Repair**  
 Using Agency: Water and Wastewater Services  
 Purchasing Agent: Ilyse S. Valdivia

Contractor:  
 Trio Development Corp.  
 1701 N.W. 22nd. Ct.  
 Pompano Beach Fl. 33069

Invoice number:

Project Estimate						
CC#	Item No.	Commodity Code(s) 91356 Description	Quantity	Unit of Measure	Unit Price	Total Price
<b>SECTION 5 Subtotal</b>						<b>\$ 79,074.00</b>
<b>SECTION 6 - ELECTRICAL WORK</b>						
140	6.01	Remove Existing Control Panel		EA	\$ 3,500.00	\$ -
141	6.02	Remove Existing Electric Meter		EA	\$ 3,500.00	\$ -
142	6.03	Relocate Existing Control Panel (up to 30 feet)		EA	\$ 12,000.00	\$ -
143	6.04	Relocate Existing Electric Meter (up to 30 feet)		EA	\$ 5,000.00	\$ -
144	6.05	Install County Supplied Control Panel - up to 10 HP		EA	\$ 14,000.00	\$ -
145	6.06	Install County Supplied Control Panel - over 10 HP to 20 HP		EA	\$ 15,000.00	\$ -
146	6.07	Install County Supplied Control Panel - over 20 HP to 40 HP		EA	\$ 15,100.00	\$ -
147	6.08	Install County Supplied Control Panel - 50 HP to 100 HP		EA	\$ 15,200.00	\$ -
148	6.09	Furnish and Install 3/4 inch Bubbler System Piping, Fittings and Appurtenances		EA	\$ 3,000.00	\$ -
149	6.10	Furnish and Install Connection/Isolation Panel		EA	\$ 5,000.00	\$ -
150	6.11	Furnish and Install 200 AMP Electrical Service to Lift Station		LF	\$ 70.00	\$ -
151	6.12	Furnish and Install 400 AMP Electrical Service to Lift Station		LF	\$ 80.00	\$ -
152	6.13	Furnish and Install 200A Emergency Connection/Transfer Panel		EA	\$ 1,500.00	\$ -
153	6.14	Furnish and Install 400A Emergency Connection/Transfer Panel		EA	\$ 2,000.00	\$ -
154	6.15	Furnish and Install Temporary Electrical Service		EA	\$ 2,500.00	\$ -
155	6.16	Furnish and Install Temporary Control Panel		EA	\$ 2,000.00	\$ -
156	6.17	Furnish and Install 3 inch Aluminum Conduit		LF	\$ 10.00	\$ -
157	6.18	Furnish and Install 2 inch Aluminum Conduit		LF	\$ 7.00	\$ -
158	6.19	Furnish and Install 1-1/2 inch Aluminum Conduit		LF	\$ 5.00	\$ -
159	6.20	Furnish and Install 1 inch Aluminum Conduit		LF	\$ 4.00	\$ -
160	6.21	Furnish and Install 2 inch PVC Conduit		LF	\$ 4.00	\$ -
161	6.22	Furnish and Install 1 inch PVC Conduit		LF	\$ 2.00	\$ -
162	6.23	Furnish and Install 2 inch Aluminum Pole for SCADA Antenna (max 20 feet)		EA	\$ 2,000.00	\$ -
<b>SECTION 6 Subtotal</b>						<b>\$ -</b>
<b>Total Price</b>						<b>\$ 143,180.50</b>

**Abbreviations:**

CY= Cubic Yard SF = Square Foot SY= Square Yard EA = Each VF = Vertical Foot LF = Linear Foot HRS = Hours  
 LBS = Pounds TN = Ton

Trench Safety Act applies to this bid solicitation. The Bidder should complete and submit the Trench Safety Act Certification (Form 004546-2) with the bid but must complete and submit within five (5) calendar days of request by COUNTY and prior to award to be considered responsive.

DATE PREPARED: 1/20/2017

PREPARED BY (NAME OF PREPARER): Larry Shortz

NAME OF COMPANY: Trio Development Corp.

AUTHORIZED SIGNATURE: 

Attachment A

1.13 Pass Through Parts and Materials

	Amount
Leak repair	\$2,000.00
Temporary fence	\$1,500.00
Subtotal	\$3,500.00

Breakdown for Labor and Equipment Items

Task Description	1.07 Provide Foreperson/Hr.	1.08 Provide Laborer/Hr.	1.10 Provide Backhoe/ Day
Remove 3/4" Rock			
Remove RTU Mast			
Remove Pumps	6	12	1
R&R Floats			
White Line and call in locates	2		
Permitting application process			
FPI Coordination			
Chip Electric out from existing top slab			
Plug existing abandoned penetrations			
Chip discharge fittings out of wall	8	16	
Extend upper guide rail brackets			
Irrigation repair			
Install hand Hole			
Install Meter Box			
Import and grade 18 yards of fill material, repair irrigation			
Clear and grub, backfill and regrade around north, south and west sides of station			
Cut Driveway subgrade			
Cut out and grade for 3/4" rock			
Grade east swale for sod 2			
Balance of grading for sod			
Pick up and Install FPL handhole, riser stub, partial removal of FPL drop			
Clean Pump Impellers and volutes			
Remove and replace bad pump #2			
Remove influent valve			
Disconnect/reconnect electrical switch south of panels			
Install temporary pump-out connection			
Excavate & backfill for line stop			
Subtotal	16	28	1

Weights for Ductile Iron pipe, flanged and mechanical joint fittings and accessories

Bid item 5.47 Furnish and install flanged DIP fittings

Description	Qty.	4" Lbs. ea.	Qty.	6" lbs. ea.	Qty.	8" lbs. ea.	Qty.	10" lbs. ea.	Sub Total in lbs.	Dollars
Flange x Mj adapter		26	3	36		50		60	108	
Flg ecc. Reducers		30	3	45		75		110	135	
Flg 90's		45	3	65		105		165	195	
Flg 45's		40		55		90		130	0	
Flg 22.5		40		55		90		135	0	
Flg 11.25		40		55		90		135	0	
Flg Tees		65	1	95		155		270	95	
Flg Cross		80	1	120		195		330	120	
Mega Flange adapter		20	20	32		38		65	640	
Flg Bolt sets		3.2	40	5.1		5.4		12	204	
									Total in pounds	1497
									Bid item 5.47 Total x \$7.00	\$ 10,479.00

Bid Item 5.34Furnish and install MJ Dip Force main Fittings and accessories

Description	Qty	4" Lbs. ea.	Qty.	6" Lbs. ea.	Qty.	8" Lbs. ea.	Qty.	10" lbs. ea.	Sub total in lbs.	Dollars
MJ Sleeves		25	3	39		55		68	117	
MJ 90		22		49		64		102	0	
MJ 45		20	2	39		56		78	78	
MJ 22.5		18		31		50		66	0	
MJ11.25		18		29		45		59	0	
MJ Tee		35		66		90		132	0	
MJ Wye		45		82		117		184	0	
MJ Cross		45		79		112		156	0	
MJ Reducer		18		28		39		54	0	
Mega Lug gland		4.6	10	11.8		14.9		23.9	118	
MJ accessories		4	20	6		6		8	120	
									Total in Pounds	433
									Bid item5.34 Total x \$15.00	\$ 6,495.00

2.05 Remove existing iron pipe and fittings in wet wells and vaults

Description	Qty.	4" Lbs. ea.	Qty.	6" Lbs. ea.	Qty.	8" Lbs. ea.	Qty.	10" Lbs. ea.	Subtotal in Lbs.	Dollars
Feet of Pipe		13.8		21.4		30.1		39.2	0	
Flanges		13		17		28		38	0	
Total weight from 5.34 & 5.47									1930	
									Total in Pounds	1930
									Bid item 2.05 Total x \$100.00 per ton	\$ 96.50

## CSID #35

### Scope of Work 1-18-17

- Bypass pump from manhole in roadway to existing force main after installation of temporary pump out connection. Roadway containing manhole to be closed.
- Vactor clean wet-well.
- Remove pumps, demolish piping from base els (3) to temporary pump out connection.
- Remove existing wet-well lid, install 8' diameter by 1' tall riser ring and reinstall existing lid on wet-well.
- Re-pipe station from base els stabilizer plates to temporary pump out connection.
- Reinstall pumps, start and remove bypass.



**FINANCE AND ADMINISTRATIVE SERVICES DEPARTMENT  
PURCHASING DIVISION**

115 S. Andrews Avenue, Room 212 • Fort Lauderdale, Florida 33301 • 954-357-6066 • FAX 954-357-8535

February 10, 2017

Trio Development  
Attention: Larry Shortz  
1701 Northwest 22 Court  
Pompano Beach, FL 33069  
larry@triodevelopment.com

EMAIL TRANSMITTAL

RE: Contract No. Y1180908B1 – Lift Station Rehabilitation and Repair

The above contract is scheduled to expire on February 24, 2017. In accordance with the General Conditions, Paragraph 7, as stated:

“In the event services are scheduled to end because of the expiration of this contract, the Contractor shall continue the service upon request of the Director of Purchasing. The extension period shall not extend for more than ninety (90) days beyond the expiration date of the existing contract. The Contractor shall be compensated for the service at the rate in effect when this extension clause is invoked by the County.”

The Director of Purchasing has invoked this provision. Accordingly, this contract is being extended on a month-to-month basis not-to-exceed 90 days (through May 25, 2017).

If you have any questions, please contact Nancy Olesen, Purchasing Agent, at (954) 357-7995.

---

Purchasing Agent

c: Pat MacGregor, Water and Wastewater Services

**Extension of Contract Notice Form #46  
11/30/09**



## **Sixth Order of Business**

**To:** CSID Board of Supervisors

**From:** Joe Stephens, Chief Operator

**CC:** Ken Cassel, District Manager David McIntosh, Director of Utilities

**Date:** February 13<sup>th</sup>, 2017

**Re:** Vertical Motor Spares

---

On Thursday February 9<sup>th</sup>, 2017 we received two qualified bids for this project (2017-05). The bids were received from Condo Electric Industrial Supply and A.B. Electric Motors & Pumps. Condo Electric bid \$63,314.91 and A.B. Electric bid \$53,019.

At his time I recommend that the Board award the contract to A.B. Electric Motors & Pumps in the amount of \$53,019 to supply and install one 250hp vertical RO feed motor, and one 40hp vertical transfer motor. A.B. electric is well qualified and has done work for us in the past.

## BID TABULATION SHEET

Bid Number: 2017-05	<i>Failure to file within the time prescribed in Section 120.57(3), Florida Statutes, shall constitute a waiver of proceedings under Chapter 120, Florida Statutes. All bids accepted by the District are subject to the District's terms and conditions. Any and all terms and conditions submitted by bidders will be rejected and shall have no force and/or effect.</i>	Opened By: David McIntosh
Bid Title: Vertical Motor		Tabulated By: Robin Dvorshak
Open Date: 02/09/2017		Verified By: David McIntosh
Opening Time: 9:00AM		
Buyer: Coral Springs Improvement Dist.		

Vertical Motor	Quantity	NAME OF BIDDER(S)			
		Condo Electric Industrial Supply	A.B. Electric Motors & Pumps		
	2	\$63,314.91	\$53,019.00		
<b>TOTAL</b>		<b>\$63,314.91</b>	<b>\$53,019.00</b>		

## **Seventh Order of Business**



## Coral Springs Improvement District

### Agenda Item Summary

**Date:** February 27, 2017

**Subject:** Culvert Inspections Bid# 2017-04

**Department:** Stormwater

**By: Shawn  
Frankenhauser**

**Staff Requested Action:** Award of Bid to FISH TECH Inc.

**Budgeted:** Yes      **Amount:** \$19,500.00

**Attachments:** Yes, bid tabulation

**Background/Description:** This item is a re-bid. Fifty-one (51) culvert pipe locations and two (2) pump stations including each bay and the outfall pipes at both stations will be inspected for sediment, debris and defects. Dimensions will be verified and any sediment or debris amounts approximated and included in a report for each location. Any defects or problems will be reported. The bid amount reflects the cost for inspections annually for up to a maximum of five (5) years. Fish Tech Inc. has performed this type of work for CSID in the past with excellent results. They were the lowest bid for this project.

**Benefits:**

- **Operational Cost Reductions:** Annual advertising cost.
- **Manpower Impact/Productivity:** Allows the opportunity to better plan the inspections annually.
- **Service Continuity/Improvement:** Provides for verification of current condition of culvert pipes.

**BID TABULATION  
SHEET**

Bid Number: 2017-01 PTWCD 2014-4 CSID	<i>Failure to file within the time prescribed in Section 120.57(3), Florida Statutes, shall constitute a waiver of proceedings under Chapter 120, Florida Statutes. All bids accepted by the District are subject to the District's terms and conditions. Any and all terms and conditions submitted by bidders will be rejected and shall have no force and/or effect.</i>	Opened By: Shawn Frankenhauser
Bid Title: Culvert Inspections		Tabulated By: Shawn Frankenhauser
Open Date: 1/27/2017		Verified By: David McIntosh
Opening Time: 11:00 AM		
Buyer: PTWCD & CSID		

Culvert Inspection project	NAME OF BIDDER(S)			
	Fish Tech Inc.	Underwater Solutions Inc.	Ferreira	
	Annual Cost	Annual cost	Annual cost	
CSID	\$ 19,500.00	\$ 34,850.00	\$ 48,005.00	
PTWCD	\$ 12,500.00	\$ 19,890.00	\$ 27,040.00	

**Bid amount submitted is annual cost.**

## **Eighth Order of Business**

## BID TABULATION SHEET

Bid Number: 2017-06	<i>Failure to file within the time prescribed in Section 120.57(3), Florida Statutes, shall constitute a waiver of proceedings under Chapter 120, Florida Statutes. All bids accepted by the District are subject to the District's terms and conditions. Any and all terms and conditions submitted by bidders will be rejected and shall have no force and/or effect.</i>	Opened By: Curt Dwiggins
Bid Title: Water Loss Reduction Program, Water Service Replacement Project 1		Tabulated By: Robin Dvorshak
Open Date: 02/06/2017		Verified By: David McIntosh
Opening Time: 11:00AM		
Buyer: Coral Springs Improvement Dist.		

Water Loss Reduction Program, Water Service Replacement Project 1	Quantity	NAME OF BIDDER(S)			
		AP Engineering Inc	Southern Underground		
	2	\$738,000.00	Based on an estimate from the itemized totals, the cost would be approximately 1.5 million dollars. Lump sum estimate not provided.		
<b>TOTAL</b>		\$738,000.00			



## **Ninth Order of Business**

**9A.**

## **WORK AUTHORIZATION**

CSID WA # 122

Globaltech No. 175101

Pursuant to the provisions contained in the "Contract for Professional Engineering Consulting and Design-Build Services on a Continuing Contract Basis " between the CORAL SPRINGS IMPROVEMENT DISTRICT, hereinafter referred to as "OWNER", and Globaltech, Inc., hereinafter referred to as "FIRM", dated July 1, 2012 (hereinafter referred to as "AGREEMENT"), this Work Authorization authorizes the FIRM to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The OWNER desires engineering consulting services related to the a Structural Assessment of the CSID Administrative Building, hereinafter referred to as the "Specific Project".

### **Section 1 – Terms**

The FIRM shall be defined as an individual, corporation or contractor having a direct contract with the OWNER or with any other subcontractor in the performance of a part of the work contracted for under the terms of this Work Authorization with the OWNER.

### **Section 2 – Scope of Work**

The FIRM will provide the following services in accordance with the AGREEMENT:

OWNER has identified specific concerns related to the structural integrity of the Administrative Building and the adjacent pool / fountain. The OWNER has requested that the FIRM conduct an assessment of the subject property that will include an inspection of the affected building and pool / fountain, a geotechnical investigation of the underlying soils, an inspection of the

retaining wall on the east side of the building, a summary of findings and a review of remedial measures that could be performed to stabilize the building. The project will be accomplished by providing the following three tasks:

**Task 1 – Project Management and Site Review**

FIRM will attend one (1) meeting with OWNER to obtain available data and to coordinate applicable project issues and goals. OWNER will provide architectural drawings of the administrative building from CSID archives while FIRM attempts to obtain permitted drawings from the City of Coral Springs Building Department. FIRM will conduct a field reconnaissance assessment of the subject site with the OWNER pointing out areas of concern. After the site visit, field data will be cataloged and documented along with site photographs.

**Task 2 – Field Assessment**

FIRM will prepare a scope of work and subcontract with Wantman Group, Inc. (WGI) and Terracon, Inc., to provide structural and geotechnical engineering support. FIRM will coordinate work with WGI and the OWNER to assess the adequacy of the original design and construction methods by reviewing architectural drawings (including the original record drawings if possible) and visible foundation elements. A limited geotechnical investigation will be performed by Terracon, Inc., with assistance of FIRM to assess subsurface conditions (both composition and compaction) and to assess conditions leading to interior slab subsidence. A concrete core will be removed from the interior office slab to expose the subsurface soil which will be rodded to assess density and contact with the concrete slab. Following the assessment, the slab will be repaired and the existing carpet tiles re-installed. In addition, two exploratory excavations (test pits) will be made between the administrative building and the retaining wall to observe construction methods and deviations from the original foundation plan.

Excavations shall be filled in and compacted using a plate compactor or hand tamping.

### **Task 3 – Summary Report of Findings**

FIRM will prepare a summary report of findings detailing the results of the assessment. The observations made during the review of the structural drawings, geotechnical investigation, concrete core, and test pits will be summarized and correlated to the physical changes that have occurred to the administrative building. A list of potential remedial measures will then be proposed to stabilize and potential restore the administrative building. Some anticipated solutions may include modifying drainage patterns away from the building, repair / removal of the pool / fountain, and injecting grout below the office slab to stabilize and level the floor. Planning level cost estimates will be developed to assist the OWNER with selecting remedial measures.

### **Assumptions**

Assumptions for the project are as follows:

- FIRM will coordinate assessment work with OWNER and plan to minimize interference with normal business operations.
- Utility location will be provided or confirmed by OWNER in the selected locations for the soil borings.
- OWNER will provide FIRM with a limited number of replacement carpet tiles.
- Summary Report of Findings will provide conceptual remedial measures to stabilize the retaining wall and floor slabs at the northeast corner of the Administration Building. Remedial designs, drawings, permit applications and construction services are not part of this scope of this scope of work.

### **Section 3 – Location**

The services to be performed by the FIRM shall be the CSID Utility complex located at 10300 NW 11<sup>th</sup> Manor in Coral Springs.

**Section 4 – Deliverables**

The FIRM will provide the following Deliverables to OWNER:

- Draft – Summary Report of Findings
- Meeting to Review Draft Report of Findings with Staff
- Final – Summary Report of Findings
- Presentation to CSID Board of Supervisors

**Section 5 – Time of Performance**

Project will commence after execution of this Work Authorization. The FIRM and OWNER agree to the following schedule:

<b>Task</b>	<b>Time Elapsed to Subtask Completion</b>
Notice to Proceed (NTP)	0 Days
Data gathering	6 weeks after NTP
Draft Report	8 weeks after NTP
Meeting	10 weeks after NTP
Final Report	12 weeks after NTP
Final Presentation to Board of Supervisors	June 19, 2017

**Section 6 – Method and Amount of Compensation**

1. The FIRM shall be paid by the OWNER in accordance with the Florida’s Prompt Payment Act Florida Statute 218.70-79 and in accordance with the payment method as set forth in Section 6 of the AGREEMENT. The calculations shall begin using the date the invoice was received.
2. Total job price: **\$24,000.00**. No allowance is included in the proposed fee.
3. The cost for the above scope of services is a lump sum (LS). The LS is based on the materials, methods, and assumptions presented in the scope of services. The LS shall not be greater than the stated amount unless there is an approved increase in the scope of services.

4. A Budget Summary for the above LS is provided in Attachment A.

### **Section 7 – Application for Progress Payment**

1. Unless otherwise prescribed by law, at the end of each month, the FIRM shall submit to the OWNER for review, an Application for Progress Payment filled out and signed by the FIRM covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the AGREEMENT.

### **Section 8 – Responsibilities**

The FIRM shall, under no circumstance, look to the OWNER to provide any labor or equipment for the FIRM not specified herein. The FIRM shall provide all of the labor and equipment necessary to perform the job or services contracted for at the expense of the FIRM. Property of any kind that may be on the premises, which are the site of the performance of this contract, during the performance of this Work Authorization, shall be at the sole risk of the FIRM.

- 8.1 The OWNER hereby designates Dan Daly as the OWNER's representative.
- 8.2 In addition to applicable provisions of Section 2 of the AGREEMENT, the OWNER will:
  - Provide copies of existing drawings
  - Pay for any required permit fees
  - Provide a limited number of replacement carpet tiles

The FIRM acknowledges and understands that it is an independent contractor in its relationship with the OWNER. The FIRM hereby designates Rick Olson as the FIRM's representative.

### **Section 9 – Insurance**

The FIRM shall provide certificate of insurance to the OWNER setting forth the type and amount of insurance carried by the FIRM and conforming to the minimum requirements set forth in the AGREEMENT.

**Section 10 – Level of Service**

The OWNER shall have the right to terminate said Agreement by giving the FIRM thirty (30) days written notice if the service that is being provided is not maintained at levels necessary to provide the required service. The OWNER will determine in its sole judgment what constitutes a satisfactory level of service.

**Section 11 – Indemnification**

The Firm shall indemnify and hold harmless the Owner and its officers and employees as set forth in Section 11 of the Agreement.



IN WITNESS WHEREOF, this Work Authorization, consisting of seven (7) pages and Attachment A has been caused fully executed on behalf of the FIRM by its duly authorized officer, and the OWNER has the same to be duly name and in its behalf, effective as of the date herein above written.

**CORAL SPRINGS IMPROVEMENT DISTRICT**

\_\_\_\_\_  
Signature of Witness

\_\_\_\_\_  
Signature of President

\_\_\_\_\_  
Printed name of Witness

Dr. Marty Shank  
Printed Name of President

\_\_\_\_\_  
Date

Approved as to form and legality

\_\_\_\_\_  
District Counsel

State of Florida  
County of Broward

**ENGINEER**

The foregoing instrument was acknowledged before me on this

Globaltech, Inc.  
Company

\_\_\_\_ day of \_\_\_\_\_, 2017 by

\_\_\_\_\_  
Signature

\_\_\_\_\_  
who is personally known to me OR  
produced \_\_\_\_\_  
as identification.

Troy Lyn, P.E., Vice President  
Name and Title (typed or printed)

\_\_\_\_\_  
Signature of Notary

\_\_\_\_\_  
Date

# **Attachment A**

## **Budget Summary**

**ATTACHMENT A**

Engineering - CSID Administrative Building Assessment

**Engineering Budget Summary**

Task	Task Description	Officer	E6	E4	3-Man Field Crew	Adm 3	Adm 1	Total Labor	Expense/ Subconsul. Fee	Expense/ Subconsul.
		\$210.00	\$175.00	\$150.00	\$218.75	\$75.00	\$50.00			
1	Project Management & Site Review									
	Preliminary Site Inspection		4							
	Historical Data Gathering		4							
	Subconsultant Coordination		6			4				
	Project Management		4			4				
	<b>Subtotal Task 1</b>	0	18	0	0	8	0	\$ 3,750.00		
2	Field Assessment									
	Site Assessment		16	0	16					
	Review of Structural / Record Drawings		2				2			
	Structural Assessment		4						\$ 4,750.00	Wantman
	Geotechnical Investigation		2						\$ 4,000.00	Terracon
	<b>Subtotal Task 2</b>	0	24	0	16	0	2	\$ 7,800.00		
3	Summary Report of Findings									
	Draft Report		6				2			
	Meeting with staff to review Report of Findings		4							
	Presentation to CSID Board		4				2			
	<b>Subtotal Task 3</b>	0	14	0	0	0	4	\$ 2,650.00		
	Labor Subtotal Hours	0	56	0	16	8	6			
	Labor Subtotal	\$0	\$9,800	\$0	\$3,500	\$600	\$300	\$14,200		
	<b>Labor Total</b>							\$ 14,200.00		
	Subconsultant Labor Total								\$ 8,750.00	
	Subconsultant Multiplier								1.12	
	<b>Subcontract Total</b>								\$ 9,800.00	
	<b>PROJECT TOTAL</b>								\$ 24,000.00	

**9B.**

## **WORK AUTHORIZATION**

CSID WA # 123

Globaltech No. 175101

Pursuant to the provisions contained in the "Contract for Professional Engineering Consulting and Design-Build Services on a Continuing Contract Basis" between the CORAL SPRINGS IMPROVEMENT DISTRICT, hereinafter referred to as "OWNER", and Globaltech, Inc., hereinafter referred to as "FIRM", dated July 1, 2012 (hereinafter referred to as "AGREEMENT"), this Work Authorization authorizes the FIRM to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The OWNER desires engineering consulting services related to Canal Bank Assessment and Stabilization Design at Sites 6 - 12, hereinafter referred to as the "Specific Project".

### **Section 1 – Terms**

The FIRM shall be defined as an individual, corporation or contractor having a direct contract with the OWNER or with any other subcontractor in the performance of a part of the work contracted for under the terms of this Work Authorization with the OWNER.

### **Section 2 – Scope of Work**

The FIRM will provide the following services in accordance with the AGREEMENT:

OWNER has identified seven (7) specific sites (Sites 6, 7, 8, 10, 11, 11A and 12) where canal bank erosion has become a concern. The site numbers, street location, impacted canal numbers and the approximate length of the impacted canal bank is included in the following table:

Site No.	Location	Number of Properties (Homes)	Approximate Length of Canal Bank (Feet)	Canal
6	Classic Drive	4 <sup>a</sup>	400	C-2
7	NW 100 <sup>th</sup> Dr.	2	200	L-108
8	NW 100 <sup>th</sup> Dr.	1	275	L-108
10	NW 19 <sup>th</sup> St. / NW108 Ln.	5	500	L-205
11	W. Atlantic	Ramblewood Middle School	700	L-101
11A	NW 7 <sup>th</sup> St.	3	300	L-101
12	NW 110 <sup>th</sup> Way	8	850	L-201

<sup>a</sup> – For Site 6, 4 properties will be fully investigated while an additional 8 home will be inspected for underwater erosion.

Figures illustrating the subject properties are included in **Attachment A**.

The OWNER has requested that the FIRM prepare an assessment of the subject properties that will include an investigation of the affected canal banks, a detailed design indicating proposed repair methodologies, and a construction cost estimate to complete the remediation. The project will be accomplished by providing the following six tasks:

**Task 1 – Project Management and Site Review**

FIRM shall attend one (1) meeting with OWNER to obtain available data and to coordinate applicable project issues and goals. FIRM will obtain aerial photographs and property appraiser data from Broward County to develop project specific base maps.

FIRM shall conduct a field reconnaissance assessment of the subject sites identified by OWNER from the canal bank. After the canal bank site visits, field data will be cataloged and documented along with site photographs.

### **Task 2 – Canal Surveying and Mapping**

FIRM shall prepare a scope of work and subcontract with Avirom and Associates Surveyors, Inc. (Avirom). FIRM will coordinate work with Avirom, the OWNER and the individual property owners to ensure that the required, requested survey data is obtained. Data will consist of a Records Survey of existing properties, cross-sections at 50-foot intervals, and elevations at each observable grade break from the canal waterline extending approximately 20 feet onto private property. Elevations will be referenced to NAVD 1988 vertical datum. The survey will identify property boundaries, large vegetation, structures and buried utilities. Survey data and data collected from the canal bank underwater inspections will be used to prepare cross section and plan drawings presented in the **Final Design (Task 5)**.

### **Task 3 – Subsurface Exploration**

FIRM will prepare a scope of work for a geotechnical engineering and testing firm to conduct a subsurface investigation at the subject site. FIRM will subcontract with Terracon Engineering and Testing, Inc. (Terracon) and will coordinate work between OWNER, Terracon and adjacent home owners. Terracon will review existing subsurface, cross sections and dive team data related to each of the seven sites to determine locations for additional subsurface exploration. Locations will be cleared through Sunshine State One Call. Five Standard Penetration Tests will be conducted to a depth of 25 feet to establish regional soil / limestone cross-sections. The soil borings will be conducted along the road rights-of-way bordering the sites (at Sites 6, 7, 10, 11 and 12), while hand auger borings and hand penetrometers will be used to supplement information from along the specific canal embankments. Samples from the boring will be visually

inspected and classified using the USCS system. FIRM will review field data and will ensure that the required, requested geotechnical data is gathered. Terracon will conduct an analysis of the existing canal slopes to assess stability and will provide recommendations to FIRM for final slope design.

FIRM will evaluate information provided by Terracon and will use this information to prepare design profiles of the preferred canal bank stabilization techniques to be implemented at the specific site. This data will be summarized in the ***Report of Findings*** and incorporated into the ***Final Design (Task 5)***.

#### **Task 4 – Canal Bank Dive Inspection**

FIRM shall prepare a scope of work for an underwater dive inspection at the seven specific sites where it is anticipated that canal bank erosion of the existing limerock layer has occurred. FIRM will subcontract with Industrial Divers Corporation (IDC) and will coordinate work between OWNER, IDC and adjacent home owners to perform the work. At Site No. 6, IDC will expand the underwater inspection to the east to include 8 additional homes – approximately 800 additional feet). This investigation is being expanded to ensure that unobserved underwater erosion is not occurring adjacent to known impacted properties. The underwater canal bank inspection of the expanded Site 6 is only being conducted to gather information. Design services for the expanded Site No. 6 are not included as part of this scope of work.

A three-person dive team will inspect the submerged shoreline and canal bank from water line to the toe of the slope or to the mid-point of the canal. Cross sections will be prepared at 50-foot stations and on the property line. Survey quality GPS data will be used to mark each starting location site. Each cross-section will include the depth of the toe and the horizontal distance from the toe of the slope to the water line which will provide the submerged slope. Any overhanging limestone ledges and/or caverns will be measured for horizontal extent, the depth of the undermining measured



with a grade rod, and the location of the center of the greatest extent of undermining delineated with an additional cross-section location. FIRM will review collected data and will ensure that the required requested data is gathered and will be on site during the first half day of dive inspections. Firm will compile information provided by IDC and will use this information to prepare sketches of the observations for **Report of Findings (Task 5)**.

#### **Task 5 – Report of Findings**

Firm will use the information collected in **Tasks 1 – 4** to prepare a **Draft – Report of Findings**. The report will present the following information:

- Executive Summary
- Summary of collected data (available data, field assessments, planning level surveys, geotechnical investigations, and diving inspection reports)
- Documentation of existing conditions of the canal bank at each of the seven sites
- Categorization of the level of canal bank stability in terms of canal slope conditions and need for stabilization
- Proposed method of canal stabilization in areas that require remedial action

Following review by the OWNER, five copies of the **FINAL – Report of Findings** will be submitted. The FIRM will summarize the results of the final report in a presentation to the Board.

#### **Task 6 – Design and Cost Estimate**

Based on the information presented in the **Final - Report of Findings (Task 5)** FIRM will prepare construction plans with details and specification notes to implement canal bank stabilization at each of the seven sites. It is assumed that all work will be conducted from the water and that access to the sites will be available from road rights-of-way and through private property. The construction plans will be developed to the 60-percent

complete level (sufficient to be constructed by the FIRM) and will include the following sheets (27 total sheets):

- Cover Sheet (1 sheet)
- Key Sheet (1 sheet)
- General Notes and Legend (1 sheet)
- Typical Section Sheets (2 sheets)
- Plan Sheets (10 sheets)
- Cross Section Sheets (10 sheets)
- Detail Sheets (1 sheet)
- Pollution Prevention Plan Sheets (1 sheet)

FIRM will develop supplemental specifications to clarify the work activities and sequence of work. Specifications will be incorporated on the construction plans.

FIRM will develop and submit three (3) sets of construction contract documents (plans, notes and clarifications) for review and comment by CSID at the 60 percent completion milestones. With the Final, 60-percent design, FIRM will prepare and submit a Work Authorization for the implementation of the canal stabilization work which includes a firm cost for construction prepared with assistance from Metro Equipment, Inc., a remediation contractor.

### **Assumptions**

Assumptions for the project are as follows:

- It is assumed that all assessment and construction work will be conducted from the water or that access is available from publicly owned land. FIRM will coordinate assessment work with adjacent property owners. If it is determined that construction work can only proceed by encroaching or gaining access through private property, an access

agreement between the OWNER and the individual property owners, if needed, will be required before work begins on **Task 6**.

- Utility location will be included in the base survey. Future contractor will need to verify utility locations with location service prior to commencing work.
- Permit applications for implementing the proposed improvements are not part of this evaluation.
- A significant alternatives evaluation will not be conducted to evaluate various remedial approaches. It is assumed that a rip-rap or Shoresox (geotextile stabilization) solution will be implemented. Sheet pile will not be considered due to adjacent structures.
- Construction plans will be developed to the 60-percent complete level; sufficient for implementation by FIRM. Should OWNER desire to advertise and competitively bid project construction, the plans and specifications will be developed to 100-percent completion for an additional fee.
- Bidding support services are not included in this evaluation.

### **Section 3 – Location**

The services to be performed by the FIRM shall at the following seven sites:

- Site 6 - Classic Drive – 400 feet (additional 800 feet of underwater dive inspection)
- Site 7 – NW 100<sup>th</sup> Drive – 200 feet
- Site 8 – NW 100<sup>th</sup> Drive – 275 feet
- Site 10 – NW 19<sup>th</sup> Street – 500 feet
- Site 11 – Ramblewood Middle School – 700 feet
- Site 11A – NW 7<sup>th</sup> Street – 300 feet
- Site 12 – NW 110<sup>th</sup> Way – 850 feet

**Section 4 – Deliverables**

The FIRM will provide the following Deliverables to OWNER:

- Draft and Final – **Report of Findings**
- 60-percent Design – Site 6 - 12 Canal Bank Remediation

**Section 5 – Time of Performance**

Project will commence after execution of this Work Authorization. The FIRM and OWNER agree to the following schedule:

<b>Task</b>	<b>Time Elapsed to Subtask Completion</b>
Notice to Proceed (NTP)	0 Days
Data gathering	8 weeks after NTP
Draft Report	12 weeks after NTP
Final Report	14 weeks after NTP
Draft 60-percent Design	20 weeks after NTP
Final 60-percent Design	24 weeks after NTP
Work Authorization for Construction	24 weeks after NTP

**Section 6 – Method and Amount of Compensation**

1. The FIRM shall be paid by the OWNER in accordance with the Florida’s Prompt Payment Act Florida Statute 218.70-79 and in accordance with the payment method as set forth in Section 6 of the AGREEMENT. The calculations shall begin using the date the invoice was received.
2. Total job price: **\$216,016**. No allowance is included in the proposed fee.
3. The cost for the above scope of services is a lump sum (LS). The LS is based on the materials, methods, and assumptions presented in the scope of services. The LS shall not be greater than the stated amount unless there is an approved increase in the scope of services.
4. A Budget Summary for the above LS is provided in **Attachment B**.

## **Section 7 – Application for Progress Payment**

1. Unless otherwise prescribed by law, at the end of each month, the FIRM shall submit to the OWNER for review, an Application for Progress Payment filled out and signed by the FIRM covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the AGREEMENT.

## **Section 8 – Responsibilities**

The FIRM shall, under no circumstance, look to the OWNER to provide any labor or equipment for the FIRM not specified herein. The FIRM shall provide all of the labor and equipment necessary to perform the job or services contracted for at the expense of the FIRM. Property of any kind that may be on the premises, which are the site of the performance of this contract, during the performance of this Work Authorization, shall be at the sole risk of the FIRM.

- 8.1** The OWNER hereby designates Shawn Frankenhauser as the OWNER's representative.
- 8.2** In addition to applicable provisions of Section 2 of the AGREEMENT, the OWNER will:
  - Provide copies of existing drawings and equipment cut sheets if requested by FIRM
  - Pay for any required permit fees

The FIRM acknowledges and understands that it is an independent contractor in its relationship with the OWNER. The FIRM hereby designates Rick Olson as the FIRM's representative.

## **Section 9 – Insurance**

The FIRM shall provide certificate of insurance to the OWNER setting forth the type and amount of insurance carried by the FIRM and conforming to the minimum requirements set forth in the AGREEMENT.

**Section 10 – Level of Service**

The OWNER shall have the right to terminate said Agreement by giving the FIRM thirty (30) days written notice if the service that is being provided is not maintained at levels necessary to provide the required service. The OWNER will determine in its sole judgment what constitutes a satisfactory level of service.

**Section 11 – Indemnification**

The Firm shall indemnify and hold harmless the Owner and its officers and employees as set forth in Section 11 of the Agreement.

IN WITNESS WHEREOF, this Work Authorization, consisting of eleven (11) pages and **Attachments A and B** has been caused fully executed on behalf of the FIRM by its duly authorized officer, and the OWNER has the same to be duly name and in its behalf, effective as of the date herein above written.

**CORAL SPRINGS IMPROVEMENT DISTRICT**

\_\_\_\_\_  
Signature of Witness

\_\_\_\_\_  
Signature of President

\_\_\_\_\_  
Printed name of Witness

Dr. Marty Shank  
\_\_\_\_\_  
Printed Name of President

\_\_\_\_\_  
Date

Approved as to form and legality

\_\_\_\_\_  
District Counsel

State of Florida  
County of Broward

**ENGINEER**

The foregoing instrument was acknowledged before me on this

Globaltech, Inc.  
\_\_\_\_\_  
Company

\_\_\_ day of \_\_\_\_\_, 2017 by

\_\_\_\_\_  
Signature

\_\_\_\_\_  
who is personally known to me OR  
produced \_\_\_\_\_  
as identification.

Troy Lyn, P.E., Vice President  
\_\_\_\_\_  
Name and Title (typed or printed)

\_\_\_\_\_  
Signature of Notary

\_\_\_\_\_  
Date

# **Attachment A**

## **Site Figures**



**Attachment B**  
**Budget Summary**

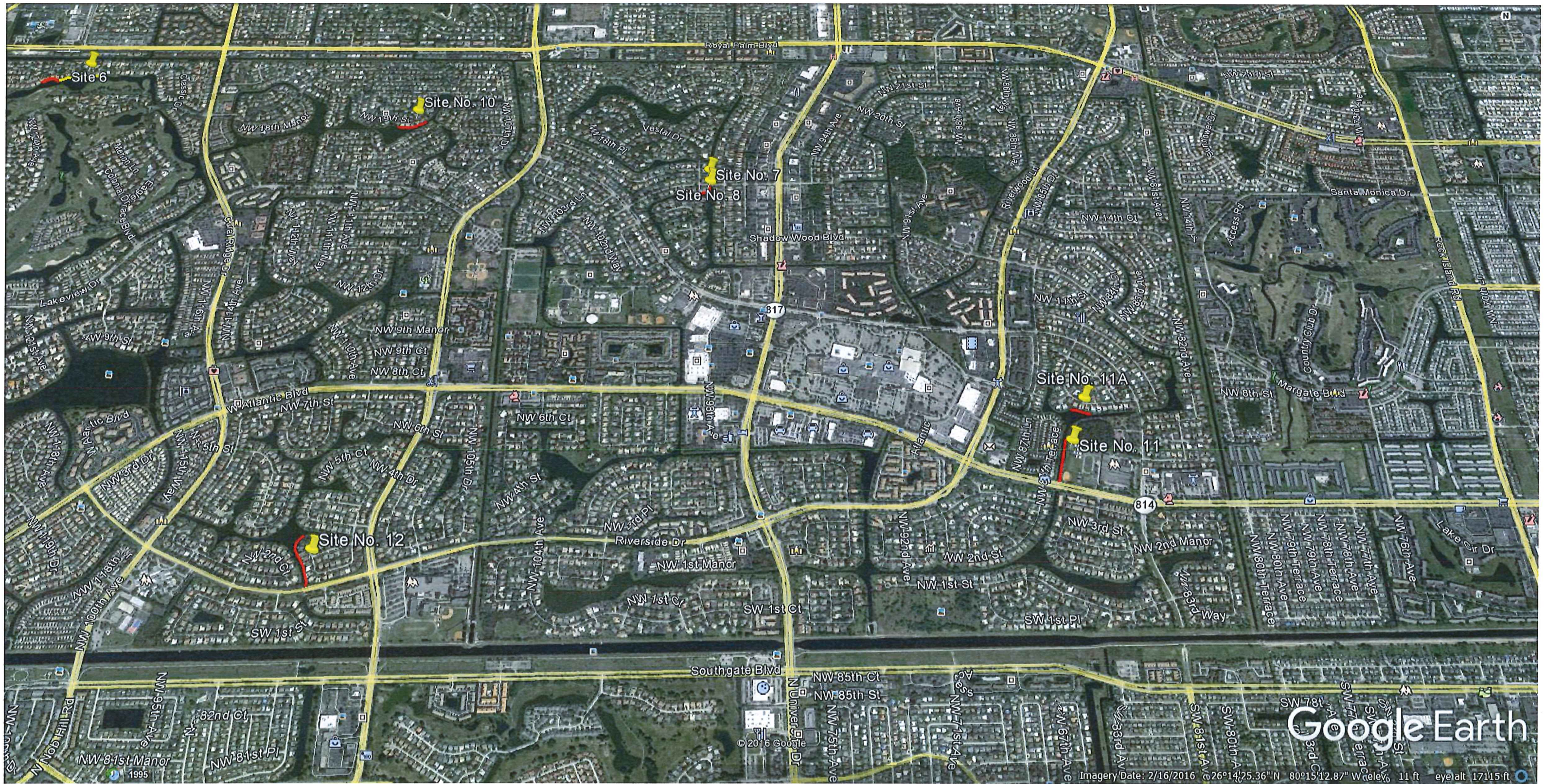
**ATTACHMENT B**

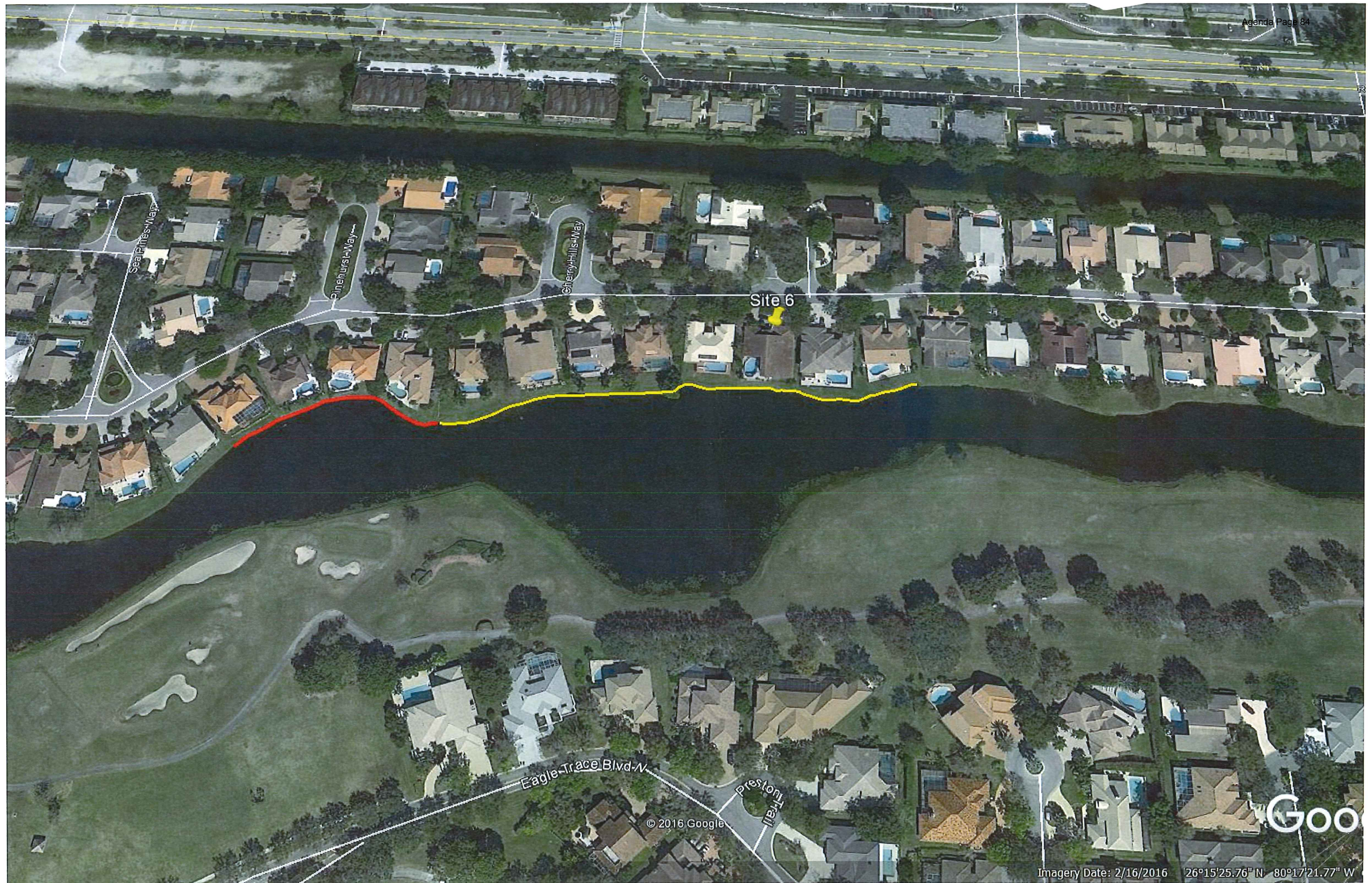
WA#123 - Sites 6 - 12 Canal Bank Assessment and Stabilization Design

**Budget Summary**

Task	Task Description	E6	E4	CADD	Adm 3	Adm 1	Total Labor	*Sub-Consultant Services	Sub-Consultants
		\$175.00	\$150.00	\$85.00	\$75.00	\$50.00			
<b>1</b>	<b>Project Management and Site Review</b>								
	Project Management	18				4			
	Coordination Homeowners	32			8	4			
	<b>Subtotal Task 1</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>9,750</b>	<b>0</b>	
<b>2</b>	<b>Canal Surveying and Mapping</b>								
	Project Management/Coordination	16			2	4			
	Canal Surveying and Mapping	16	24					23,000	AA
	Data Review	8		8		4		0	
	<b>Subtotal Task 2</b>	<b>40</b>	<b>24</b>	<b>8</b>	<b>2</b>	<b>8</b>	<b>11,830</b>	<b>23,000</b>	
<b>3</b>	<b>Subsurface Exploration</b>								
	Project Management/Coordination	16			1	2			
	Subsurface Exploration		12					28,750	TCI
	Slope Stability Analysis	4						4,800	TCI
	Data Review	4	4			2			
	<b>Subtotal Task 3</b>	<b>24</b>	<b>16</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>6,875</b>	<b>33,550</b>	
<b>4</b>	<b>Canal Bank Dive Inspection</b>								
	Project Management/Coordination	16			1	2			
	Canal Dive Inspection	4	16					21,000	IDC
	Data Review	4				2			
	<b>Subtotal Task 4</b>	<b>24</b>	<b>16</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>6,875</b>	<b>21,000</b>	
<b>5</b>	<b>Report of Findings</b>								
	Draft - Report of Findings	24		4		4			
	Review Meeting	6							
	Final - Report of Findings	8		2		2			
	Presentation to CSID Board	8		2		2			
	<b>Subtotal Task 5</b>	<b>46</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>9,130</b>	<b>0</b>	
<b>6</b>	<b>Design &amp; Cost Estimate</b>								
	Project Management/Coordination	24				2			
	Design Drawings and Slope review	160	80	240				5,000	TCI
	Design Review	26							
	Construction Cost Estimate	16			2	2		2,500	ME
	Meetings with OWNER to review method and cost	8				2			
	<b>Subtotal Task 6</b>	<b>234</b>	<b>80</b>	<b>240</b>	<b>2</b>	<b>6</b>	<b>73,800</b>	<b>7,500</b>	
	Labor Subtotal Hours	418	136	256	14	38	862		
	Labor Subtotal	\$73,150	\$20,400	\$21,760	\$1,050	\$1,900	118,260		
	<b>Labor Total</b>						<b>118,260</b>		
	<b>Expenses</b>							<b>2,500</b>	
	Subconsultant Labor Total							85,050	
	Subconsultant Multiplier							1.12	
	<b>Subcontract Total</b>							<b>95,256</b>	
	<b>TOTAL</b>							<b>216,016</b>	

TCI - Terracon Consultants Inc.  
 AA - Aviom & Associates  
 IDC - Industrial Divers Corporation  
 ME - Metro Equipment





Site 6

Go

© 2016 Google



Site No. 7

© 2016 Google

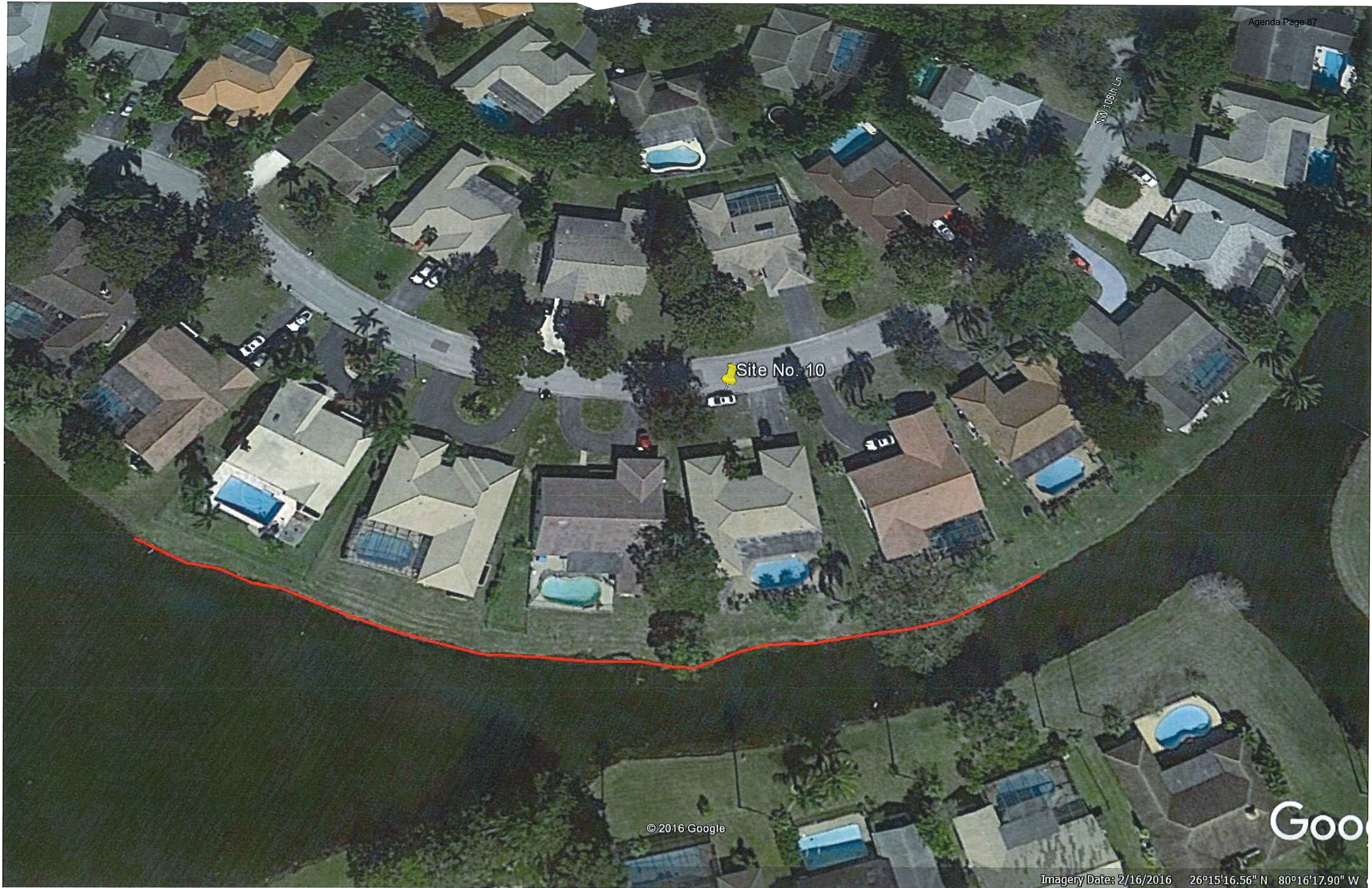
Go

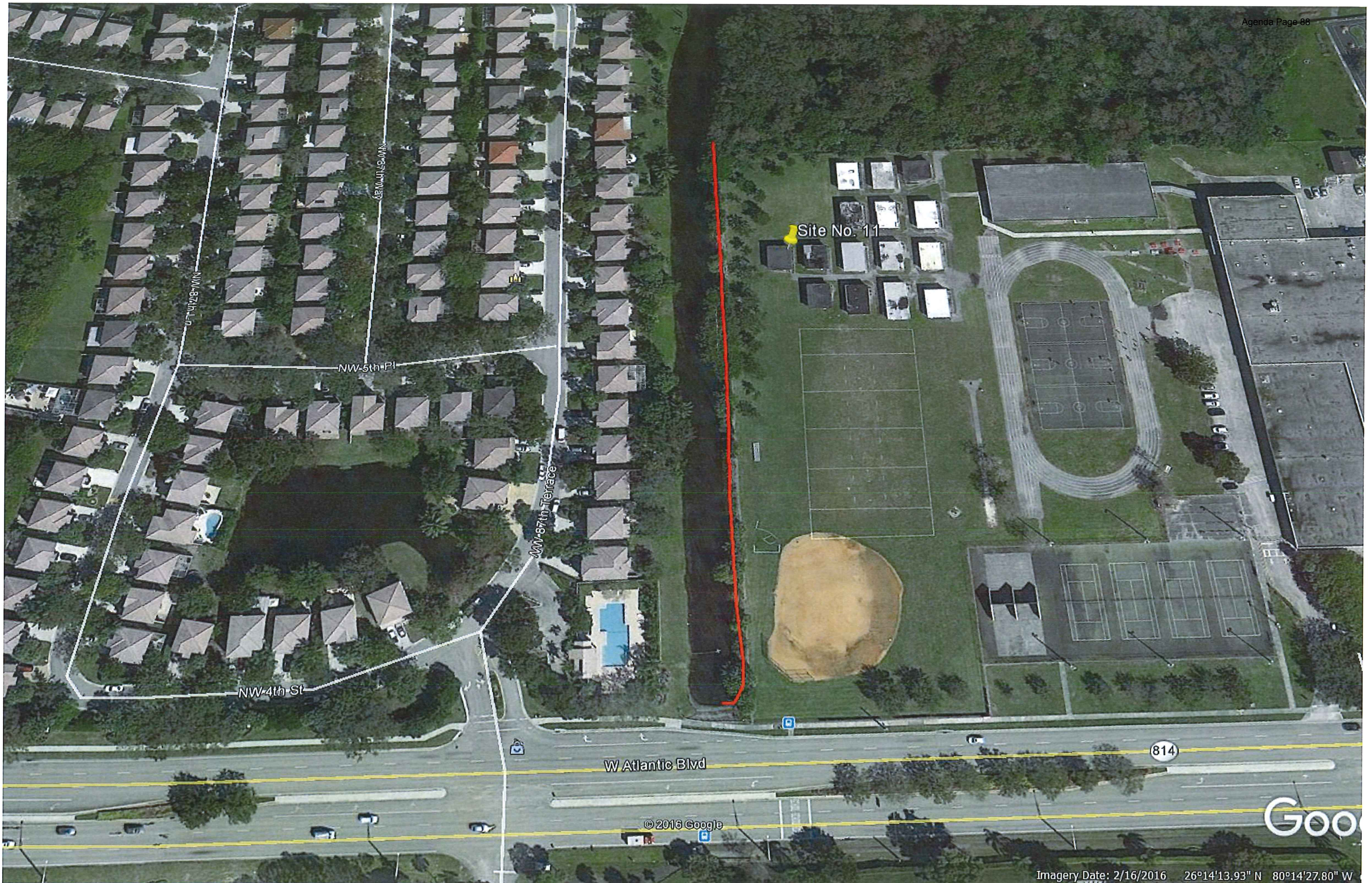


Site No. 8

© 2016 Google

Goo

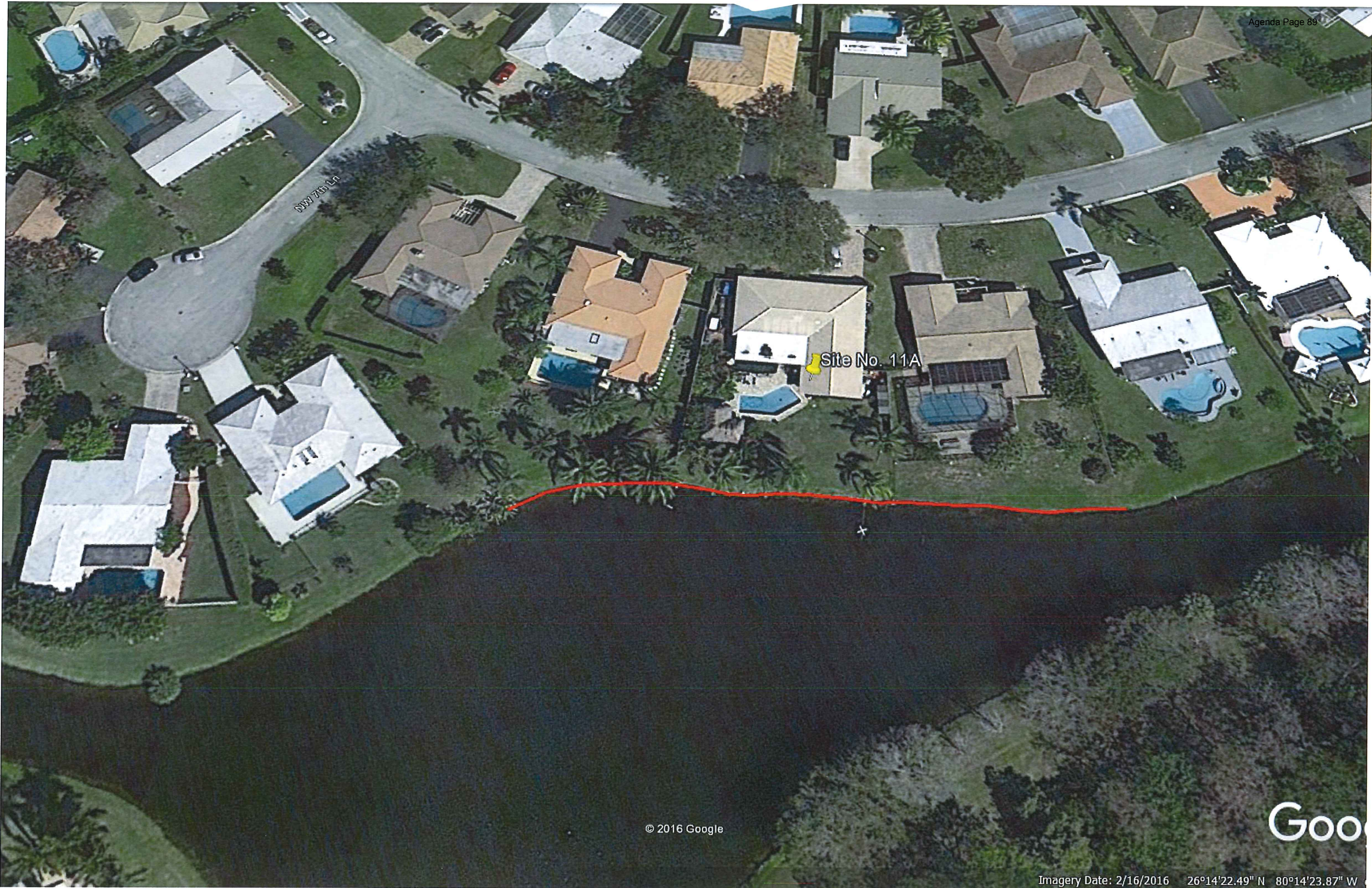


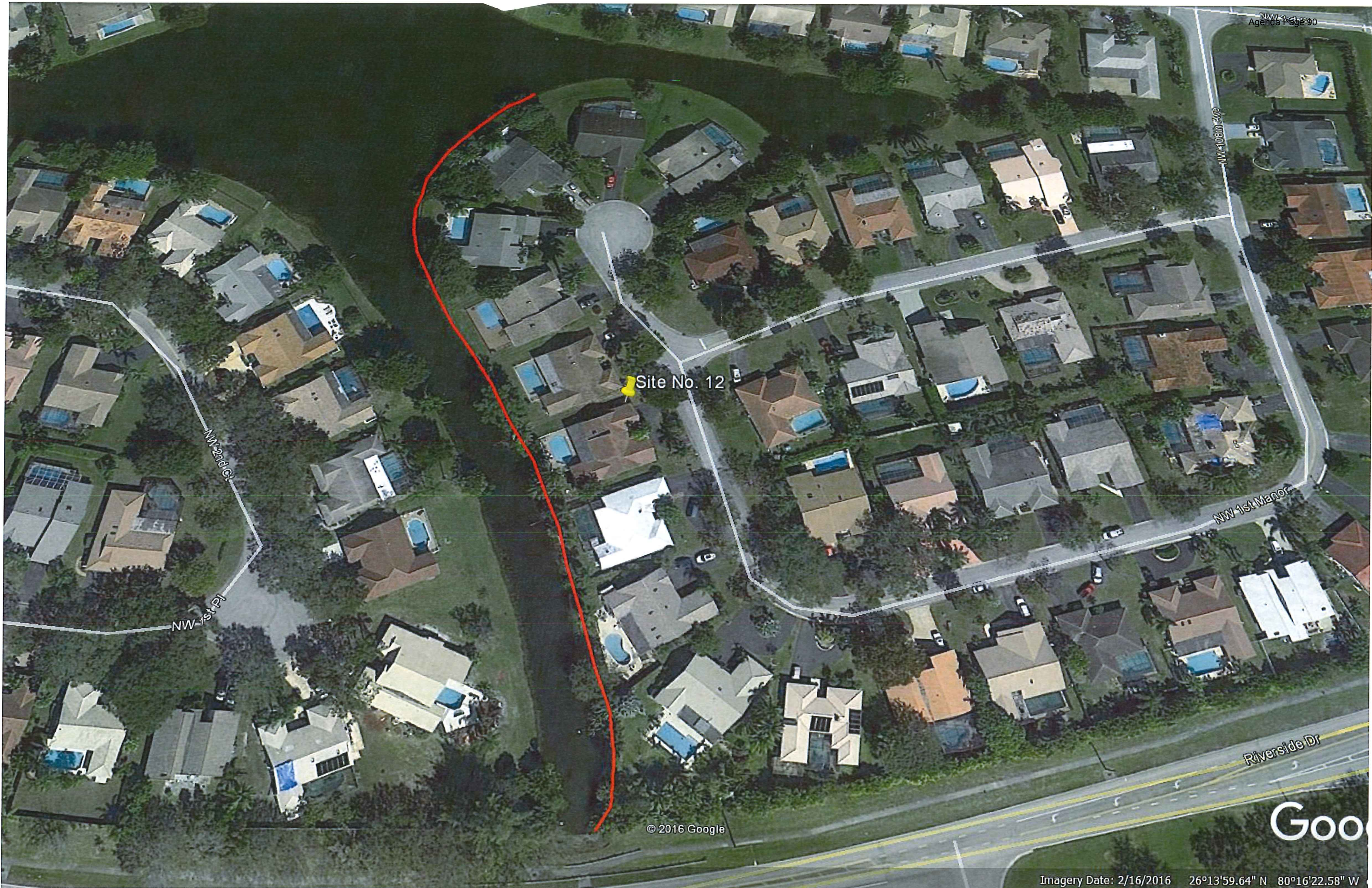


© 2016 Google

Go







© 2016 Google

## **Eleventh Order of Business**

**11B.**

**Globaltech, Inc.**  
**CSID Engineer's Report**  
**February 27, 2017**

**PROJECTS UNDER CONTRACT**

**WA #115 – Lime Plant Demolition – In progress**

- All original work complete.
- Received permit for flushing line from BCHD without comments.
- Ordered flap-gate for flushing line – anticipated delivery in April.
- Flap-gate should be installed in April 2017.

**WA #117 – Tamarac Interconnect – In progress**

- Received road permits from Broward County.
- Conducted Pre-construction meeting on 1/27.
- Received general permit from City of Coral Springs.
- Concrete vaults to be delivered between 3/03 and 3/06.
- To begin construction 2/27.
- Construction expected to take 8 – 10 weeks.

**WA #118 – Margate Interconnect – In progress**

- Preliminary Design to be delivered to City of Margate and CSID on 2/03/17.
- Comments received back from City of Margate on 2/15/17
- Final Design anticipated by mid-March.
- Construction Scheduled to begin by the end of April.

**WA #120 – WWTP Operating Permit Renewal – Closeout**

- Authorization approved by Board - 10/17
- Submitted permit to BCHD on 12/02 (30 days to review)
- Permit issued by BCHD on 2/9/17
- Permit period – 6/18/17 – 6/17/22

**WA #121 – Sodium Hypochlorite Tank Replacement – In progress**

- Authorization approved by Board – 10/17
- Coordinated activities with CSID staff to reduce project cost.
- CSID staff removed existing tank and disposed resulting in a savings of approximately \$4,000.
- Ordered Tank 12/22 – Justin Tanks reported fabrication delays to mid-April 2017.
- Spoke with Justin Tanks procurement department and delivery is on schedule.

**PROJECTS PENDING**

- WA #122 – Administration Building Structural Assessment – On Agenda
- WA #123 – Canal Sites 6 – 12 Assessment – On Agenda
- WA #124 – Water Distribution System Leak Assessment – in development
- WA #\_\_\_ – Effluent Pump Station Electrical Improvements – Submitted to staff for review 1/16. Updating pricing per staff request.
- WA #\_\_\_ - Membrane Concentrate Valve Replacement – in development

**11C**

**Coral Springs Improvement District**  
**Utility Billing Work Orders**

<b>2017</b>	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
<i>Customer Inquiry requiring work order</i>	24												24
<i>Mis-Reads</i>	0												0
<i>Meter Calibration Tests</i>	0												0

**Coral Springs Improvement District**  
**Utility Billing Work Orders**

<b>2016</b>	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
<i>Customer Inquiry requiring work order</i>	28	32	25	44	49	22	29	49	30	38	26	44	416
<i>Mis-Reads</i>	5	3	2	0	2	2	2	2	3	1	2	0	24
<i>Meter Calibration Tests</i>	0	0	0	0	0	0	0	0	0	0	0	0	0

<b>2015</b>	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
<i>Customer Inquiry requiring work order</i>	40	27	33	33	43	43	40	37					296
<i>Mis-Reads</i>	4	2	0	0	0	1	0	3					10
<i>Meter Calibration Tests</i>	1	2	0	0	0	0	0	0					3



## February Report to the Board of Directors for the Water Plant

### Report Includes Updates through 2/15/2017

#### **Lime plant demolition**

The lime plant demolition project is in closeout and is only waiting on the raw water flushing line flap gate to be installed. The flap gate is due to arrive around the end of March. It will only take Globaltech one day to install it.

#### **Degasifier cleaning pump**

After Tim Syx from Klein Pump re built the Finish Thompson pump the shaft severed and needed replacing again. Finish Thompson would not cover the repairs under warranty. At this point all parties involved agree that it would be better to look at a new pump manufacturer. We have selected a Fybroc pump which Globaltech has already ordered. It is due in by mid-March, and once it arrives Globaltech will install additional fail safes before it is returned to us for startup. We will finish cleaning the north degasifier once we receive the pump setup back from Globaltech.

#### **Acid injection points upgrades**

On 1/10/17 David, Mike, and I met with Dave Schuman from Globaltech to discuss improving our acid injection points to prevent future failures. We have instructed Dave to prepare a work authorization to include improving the integrity of these two injection points. Failures at sulfuric acid injection points are a common occurrence in our industry. If we are unable to feed pre acid we cannot run the plant. It is imperative that we are proactive with this.

#### **Six sigma courses**

Our entire department has completed their assigned six sigma courses with the exception of myself (Joe). I am one course away from obtaining my black belt certification. We currently have three projects underway where our staff is utilizing some of the tools they have learned through their six sigma courses to improve our processes.



**New employee**

We have selected Juan Jimenez to fill our open position in the water plant. Juan is an A licensed operator with over 10 years of experience in the water treatment industry. He has worked for several utilities in Broward County which utilized membrane softening as their treatment technology. Juan was the Lead Operator at Hialeah’s Nano plant for two years.

**Feed and transfer pump motor spares**

We went out to bid for two spare motors, one for the transfer pumps, and one for the feed pumps. We had two vendors show up to the mandatory pre bid meeting which was held on 1/18/17. The two vendors were A.B. Electric Motors & Pumps, and Condo Electric Industrial Supply. We have worked with both of these vendors in the past and are pretty familiar with each. They both ended up submitting a bid on 2/9/17. Condo Electric bid \$63,314.91 and A.B. Electric bid \$53,019. It is staff’s recommendation to award the contract to A.B. Electric based on the lower bid. All of the bid packet and associated documentation is included in the agenda. The updated schedule for this project is included below.



**Feed and Transfer motor replacement project schedule**

ID	Task Name	Preceding Tasks	Responsible	Duration (days)	Dates		
					Start	Finish	Completion
<b>Plan Level Activities</b>				<b>34</b>	<b>12/1/2016</b>	<b>1/4/2017</b>	
P-01	Develop specs		Nico/Joe	27	12/1/2016	12/27/2016	√
P-02	Create Project Manual		Joe/David	8	12/27/2016	1/4/2017	√
P-03							
P-04							
<b>Bid Process</b>				<b>54</b>	<b>1/5/2017</b>	<b>2/28/2017</b>	
B-01	Publish advertisement in newspaper for bid (1/9/17 & 1/16/17)		Dan/Sandra	11	1/5/2017	1/16/2017	√
B-02	Mandatory Pre-Bid Conference		Joe/David/Nico	1	1/18/2017	1/18/2017	√
B-03	Bids and all necessary paperwork due by 9am on 4/25 <del>2/2</del> 2/9/17		Vendors	22	1/18/2017	2/9/2017	√
B-04	Review of bids		David/Nico	1	2/9/2017	2/9/2017	√
B-05	Present bids to board for approval		Joe/Board	1	2/27/2016	2/27/2016	In progress
B-06	Notice to proceed		Joe	1	2/28/2017	2/28/2017	
<b>Work Process</b>				<b>120</b>	<b>2/28/2017</b>	<b>5/29/2017</b>	
W-01	Work to begin and equipment arriving		Vendor	5	2/28/2017	3/5/2017	
W-02	Notice of shutdown date (at least 2 week notice)		Vendor		TBD		
W-03	24 hour shutdown for removal and installation		Vendor/Mike		TBD		
W-04	Inspection of completed work		Nico/Joe		TBD		
W-05	Field Tests with District Engineer present		Nico/Joe		TBD		
W-06	Reports and certificates of all testing shall be submitted		Vendor		TBD		
W-07	End of Job		Vendor		6/28/2017	6/28/2017	
W-08	Begin scheduling bearing replacement on removed feed motor		Mike/Joe		6/29/2017		

Coral Springs Improvement District  
Wastewater Department Report  
February 2017 Board Meeting

## Ongoing Projects

Globaltech has notified the District that they are progressing with the following approved work authorizations (WA):

- WA # 120 – Wastewater Plant Operating Permit Renewal: Staff has been notified that Florida Department of Environmental Agency (FDEP) issued the plant permit on February 9, 2017.

## Operations

- Staff members are viewing and taking quizzes on the Gemba Academy Six Sigma training.
- Staff took Plant F offline on December 19, 2016. Staff started the dewatering process the week of February 6, 2017. Picture of the project is below.



Staff is dewatering the solids in the digester tank.

- Contractor started on the Pond Liner Replacement on Wednesday February 8, 2017. Pictures of the project are below.





## Coral Springs Improvement District



Board of Supervisors Meeting February 27, 2017

### Drainage Report

#### Aquatic Weed Control

- Aquatic herbicide treatments are on schedule. Lake Coral Springs was treated for eelgrass early this month.
- 3000 triploid grass carp via piggyback Broward County bid were stocked in the District canal system. 1500 fish per basin.

#### Flood Control

- The canal levels are approx. 6'1" for the East basin and 6'7" for the West basin. Permit control elevation is 6'5" NGVD 29  
As of this report we have recorded 0 rainfall for the month. During February 2016 we had 3.96" of rainfall.
- A request to award a contract for culvert inspections to Fish Tech Inc. is on the agenda for Board review and authorization. If approved, commencement of the project will begin the week of 3/13/2017
- A seasoned pump technician was brought in by FPI to assist in the pump conversion project. This person has 30+ years' experience working on our pumps at our stations. There will be a minor delay of approx. 7 days before the 1<sup>st</sup> pump is reinstalled and back online. Expect install by 3/3/17

## Other Drainage Activities

- The department has received a new truck for one of the field crews. Logo and safety stripes have been applied.





Coral Springs Improvement District  
10800 N.W. 11TH MANOR Coral Springs, FL 33071

---

## Water Distribution and Wastewater Collection

### Department Report

#### 2-27-17 board Meeting

- There were 24 water breaks in the month of January, down from 41 in December.
- The Department has put the service line project out to bid. We have it in the agenda for Approval.
- The Tamarac/CSID interconnect project is soon to enter the construction phase. Just waiting on the Vault to be built. We attended a pre-construction meeting with the county about 2 weeks ago regarding traffic control.
- The Margate/CSID interconnect projects design is near complete. The tentative date to start construction Globaltec has provided is still in early to mid-April.
- The Department has done some “5 why” analysis workshops for our continuing improvement efforts. We will be conducting these workshops continuously to enhance our operational efforts. These sessions will be conducted in our monthly staff meetings.
- Included in the agenda, is a Quote from TRIO DEVELOPMENT CORPORATION for the urgent repairs needed at four lift stations 6,33,34,35. The quoted price is extended from a current Broward county contract.
- The department has concluded a study that found the average flow rate from typical water breaks. This study used actual pipe sections from faulty service pipe within the district. These pipes were connected together, in series, and run through a 1” water meter. The average GPM was 12.12 GPM. The District averages 30 water service breaks each month. if we were to assume that there are 30 breaks active at any given time this flow rate would consume 523,584 GPD

# **FINANCIALS**

# **Coral Springs Improvement District**

Financial Reporting  
for  
JANUARY 2017

February 27, 2017  
Board of Supervisors Meeting



**Coral Springs Improvement District**  
**Balance Sheet**  
**All Fund Types and Account Groups**

January 31, 2017

Description	General Fund	Water & Sewer Fund	General Fixed Assets	Totals
<b>ASSETS</b>				
Cash & Cash Equivalents:				
Checking Accounts	\$ 1,746,612	\$ 12,048,759	\$ -	\$ 13,795,371
Cash on Hand	-	500	-	500
Money Market Accounts	4,099,506	7,161,466	-	11,260,972
State Board of Admin. (Net)	-	-	-	-
Certificates of Deposit	260,928	257,486	-	518,414
Restricted Cash	-	-	-	-
Restricted Investments	-	4,965,355	-	4,965,355
Accounts Receivable	-	484,695	-	484,695
Unbilled Utility Revenues Receivable	-	733,865	-	733,865
Accrued Interest Receivable	4,418	6,122	-	10,540
Due from Other Funds	-	(1,405)	-	(1,405)
Prepaid Expenses	15,558	181,129	-	196,687
Bond Costs-2016 Series	-	482	-	482
Deferred Outflow-2007 Series	-	1,837,817	-	1,837,817
Land	-	361,739	553,200	914,939
Easements	-	394,998	-	394,998
Meters in Field (Net)	-	1,440,740	-	1,440,740
Machinery & Equipment (Net)	-	375,072	673,741	1,048,813
Imp. Other than Bldgs (Net)	-	54,266,284	12,890,274	67,156,558
Buildings (Net)	-	188,098	-	188,098
Construction in Progress	-	1,154,190	-	1,154,190
<b>Total Assets</b>	<b>\$ 6,127,022</b>	<b>\$ 85,857,392</b>	<b>\$ 14,117,215</b>	<b>\$ 106,101,629</b>

**Coral Springs Improvement District**  
**Balance Sheet**  
**All Fund Types and Account Groups**

January 31, 2017

<b>Description</b>	<b>General Fund</b>	<b>Water &amp; Sewer Fund</b>	<b>General Fixed Assets</b>	<b>Totals</b>
<b><u>LIABILITIES</u></b>				
Accounts Payable	\$ 8,899	\$ 184,581	\$ -	\$ 193,480
Contracts Payable	-	-	-	-
Retainage Payable	-	-	-	-
Accrued Int Payable-2016 Series	-	88,298	-	88,298
Accrued R & R Reserve	-	-	-	-
Accrued Wages Payable	12,227	95,376	-	107,603
Accrued Vac/Sick Time Payable	-	226,549	-	226,549
Pension Payable	-	-	-	-
Utility Tax Payable	-	52,979	-	52,979
Payroll Taxes Payable	-	785	-	785
Deposits	20,000	581,590	-	601,590
Due to Other Funds	(1,405)	-	-	(1,405)
Net OPEB Obligation	-	234,258	-	234,258
Bonds Payable-2016 Series	-	42,830,000	-	42,830,000
<b>Total Liabilities</b>	<b>39,721</b>	<b>44,294,416</b>	<b>-</b>	<b>44,334,137</b>
<b><u>FUND BALANCE / NET POSITION</u></b>				
Fund Balance:				
Unspendable	15,558	-	-	15,558
Assigned	4,000,000	-	-	4,000,000
Unassigned	2,071,743	-	-	2,071,743
Net Position	-	41,562,976	-	41,562,976
Investment in GFA	-	-	14,117,215	14,117,215
<b>Total Fund Balance / Net Assets</b>	<b>6,087,301</b>	<b>41,562,976</b>	<b>14,117,215</b>	<b>61,767,492</b>
<b>Total Liabilities &amp; Fund Balance / Net Assets</b>	<b>\$ 6,127,022</b>	<b>\$ 85,857,392</b>	<b>\$ 14,117,215</b>	<b>\$ 106,101,629</b>

**Coral Springs Improvement District**  
**General Fund**  
Statement of Revenues, Expenditures and Change in Fund Balance  
For the Period Ending January 31, 2017

	Adopted Budget FYE 2017	Prorated Budget Thru 01-31-17	Actual 4 Months Ending 01-31-17	Variance Favorable (Unfavorable)
<b>REVENUES:</b>				
Assessments (Net)	\$ 1,781,748	\$ 1,604,620	\$ 1,604,620	\$ -
Permit Review Fees	1,000	333	1,200	867
Interest Income	2,400	800	5,994	5,194
Shared Personnel Rev.	31,950	10,650	10,650	-
Miscellaneous Revenue	-	-	-	-
Carry Forward Assigned Funds	125,498	-	-	-
<b>Total Revenues</b>	<b>1,942,596</b>	<b>1,616,403</b>	<b>1,622,464</b>	<b>6,061</b>

**EXPENDITURES:****Administrative**

Supervisor Fees	7,200	2,400	2,400	-
Salaries/Wages	129,212	44,727	44,807	(80)
Special Pay	227	227	220	7
FICA Taxes	10,437	3,613	3,631	(18)
Pension Expense	14,214	4,920	4,950	(30)
Health Insurance	31,346	10,449	5,428	5,021
Workers Comp. Ins.	367	122	80	42
Engineering Fees	30,000	7,500	11,290	(3,790)
Attorney Fees	36,000	9,000	5,603	3,397
Special Consulting Services	70,000	6,667	6,568	99
Annual Audit	7,622	7,622	7,800	(178)
Actuarial Computation-OPEB	435	-	-	-
Management Fees	54,023	18,008	18,008	-
Communications-Telephone	3,024	1,008	1,008	-
Postage	636	212	212	-
Printing & Binding	1,200	400	400	-
Building Rent	12,000	4,000	4,000	-
Insurance	1,041	347	374	(27)
Legal Advertising	2,000	-	-	-
Contingencies/Other Current Charges	-	-	-	-
Fire & EMS Assessments	-	-	-	-
Technology Expense	15,000	5,000	7,050	(2,050)
Digital Record Management	5,000	-	-	-
Office Supplies	6,525	2,175	2,539	(364)
Dues, Subscriptions	7,500	175	175	-
Promotional Expenses	4,800	-	-	-
Capital Outlay	-	-	716	(716)
<b>Total Administrative</b>	<b>449,809</b>	<b>128,572</b>	<b>127,259</b>	<b>1,313</b>

**Coral Springs Improvement District**  
**General Fund**  
Statement of Revenues, Expenditures and Change in Fund Balance  
For the Period Ending January 31, 2017

	Adopted Budget FYE 2017	Prorated Budget Thru 01-31-17	Actual 4 Months Ending 01-31-17	Variance Favorable (Unfavorable)
<b>Field Operations</b>				
Salaries and Wages	247,933	85,823	86,035	(212)
Special Pay	759	759	812	(53)
FICA Taxes	18,966	6,565	6,528	37
Pension Expense	27,273	9,441	9,452	(11)
Health Insurance	71,029	23,676	35,210	(11,534)
Worker's Comp. Insurance	13,736	4,579	2,998	1,581
Water Quality Testing	2,800	933	538	395
Communications-Radios/Cellphones	1,092	364	321	43
Electric Expense	1,720	573	399	174
Rentals & Leases	-	-	-	-
Insurance	17,250	5,750	4,327	1,423
R & M - General	140,875	7,625	5,306	2,319
R & M - Culvert Inspection & Cleaning	35,000	-	-	-
R & M - Canal Dredging & Maintenance	-	-	-	-
R & M - Vegetation Management	20,000	-	-	-
Operating Supplies - General	12,525	4,175	703	3,472
Operating Supplies - Chemicals	116,308	38,769	40,512	(1,743)
Operating Supplies - Uniforms	1,697	566	607	(41)
Operating Supplies - Motor Fuels	42,694	14,231	4,817	9,414
Dues, Licenses	1,530	-	-	-
Capital Outlay-Equipment	39,600	346	346	-
Capital Improvements	80,000	-	-	-
<b>Total Field</b>	<b>892,787</b>	<b>204,175</b>	<b>198,911</b>	<b>5,264</b>
<b>Total Expenditures</b>	<b>1,342,596</b>	<b>332,747</b>	<b>326,170</b>	<b>6,577</b>
<b>Reserves:</b>				
Reserved for 1st Qtr Operating	350,000	116,667	-	116,667
Reserved for Projects & Emergencies	250,000	83,333	-	83,333
<b>Total Reserves</b>	<b>600,000</b>	<b>200,000</b>	<b>-</b>	<b>200,000</b>
<b>Total Expenditures &amp; Reserves</b>	<b>1,942,596</b>	<b>532,747</b>	<b>326,170</b>	<b>206,577</b>
<b>Excess Revenues Over (Under)</b>				
<b>Expenditures &amp; Reserves</b>	<b>\$ -</b>	<b>\$ 1,083,656</b>	<b>1,296,294</b>	<b>\$ 212,638</b>
<b>Fund Balance Beginning</b>				<b>4,791,007</b>
<b>Fund Balance Ending</b>				<b>\$ 6,087,301</b>

**Coral Springs Improvement District**  
**Water and Sewer Fund**  
**Statement of Revenues, Expenses and Change in Net Assets**

For the Period Ending January 31, 2017

	<b>Adopted Budget FYE 2017</b>	<b>Prorated Budget Thru 1-31-17</b>	<b>Actual 4 Months Ending 1-31-17</b>	<b>Variance Favorable (Unfavorable)</b>
<b>REVENUES:</b>				
Water Revenue	\$ 6,467,008	\$ 2,155,669	\$ 2,163,201	\$ 7,532
Sewer Revenue	5,852,977	1,950,992	1,956,891	5,899
Standby Revenue	1,872	624	837	213
Processing Fees	12,000	4,000	6,660	2,660
Lien Information Fees	9,000	3,000	5,075	2,075
Delinquent Fees	45,000	15,000	19,220	4,220
Contract Utility Billing Services	54,078	18,026	19,593	1,567
Contract HR & Payroll Services	12,161	4,054	4,054	-
Facility Connection Fees	-	-	7,520	7,520
Meter Fees	-	-	565	565
Line Connection Fees	-	-	-	-
Interest Income-Restricted	-	-	7,426	7,426
Interest Income-Other	-	-	18,928	18,928
Rental Income	60,359	20,120	28,120	8,000
Technology Sharing Revenue	15,000	5,000	5,000	-
Misc. Revenues	12,000	4,000	14,759	10,759
Unrealized Gain (Loss)-SBA	-	-	-	-
Renewal & Replacement	124,000	-	-	-
Carryforward Prior Yr Fund Balance	464,066	-	-	-
<b>Total Revenues</b>	<b>13,129,521</b>	<b>4,180,485</b>	<b>4,257,849</b>	<b>77,364</b>

**Coral Springs Improvement District**  
**Water and Sewer Fund**  
**Statement of Revenues, Expenses and Change in Net Assets**

For the Period Ending January 31, 2017

	Adopted Budget FYE 2017	Prorated Budget Thru 1-31-17	Actual 4 Months Ending 1-31-17	Variance Favorable (Unfavorable)
--	-------------------------------	---------------------------------------	---	--

**EXPENSES:**

**Administrative**

Salaries/Wages/Overtime	870,311	301,262	297,078	4,184
Special Pay	1,992	2,071	2,071	-
FICA Taxes	66,579	23,047	21,410	1,637
Pension Expense	95,736	33,139	29,924	3,215
Health Insurance	151,013	50,338	49,710	628
Workers Comp. Insurance	5,946	1,982	1,296	686
Unemployment Comp	1,000	333	-	333
Engineering Fees	24,000	-	-	-
Trustee Fees and Other Exp.	14,611	600	600	-
Attorney Fees	12,000	2,000	561	1,439
Special Council Services	59,750	8,250	6,656	1,594
Travel & Per Diem	4,500	-	-	-
Annual Audit	11,700	11,700	11,700	-
Actuarial Computation-OPEB	-	-	-	-
Management Fees	81,038	27,013	27,013	-
Telephone	9,600	3,200	3,072	128
Postage	36,800	10,600	9,274	1,326
Printing & Binding	20,400	3,750	4,053	(303)
Electric	15,136	5,045	3,294	1,751
Rentals and Leases	3,200	1,067	968	99
Insurance	14,196	4,732	4,669	63
Repair and Maintenance	13,500	3,375	3,205	170
Legal Advertising	3,000	1,000	916	84
Other Current Charges	20,980	6,993	6,636	357
Credit Card Merchant Fees	57,000	19,000	20,107	(1,107)
Technology Expense	61,939	15,485	12,078	3,407
Digital Record Management	-	-	-	-
Toilet Rebate	14,850	6,237	6,237	-
Office Supplies	8,400	734	734	-
Dues, Memberships, Etc	9,500	870	870	-
Promotional Expenses	14,000	6,185	6,185	-
Capital Outlay	11,000	-	-	-
<b>Total Administrative</b>	<b>1,713,677</b>	<b>550,008</b>	<b>530,317</b>	<b>19,691</b>

**Coral Springs Improvement District**  
**Water and Sewer Fund**  
**Statement of Revenues, Expenses and Change in Net Assets**

For the Period Ending January 31, 2017

	Adopted Budget FYE 2017	Prorated Budget Thru 1-31-17	Actual 4 Months Ending 1-31-17	Variance Favorable (Unfavorable)
<b><u>Plant Operations</u></b>				
Salaries and Wages	1,576,555	545,731	495,837	49,894
Special Pay	2,703	2,703	2,599	104
FICA Taxes	120,608	41,749	38,062	3,687
Pension Expense	173,424	60,031	52,041	7,990
Health Insurance	284,791	94,930	87,349	7,581
Worker's Comp. Insurance	55,023	18,341	12,009	6,332
Water Quality Testing	80,435	20,109	14,594	5,515
Telephone	7,512	2,504	2,498	6
Electric Expense	820,889	273,630	202,822	70,808
Rentals & Leases	12,600	-	-	-
Insurance	190,393	63,464	51,237	12,227
Repair & Maint-General	561,665	140,870	135,750	5,120
Repair & Maint-Filters for Nano Plant	40,948	14,204	14,204	-
Sludge Management-Sewer	207,872	51,968	33,120	18,848
Advertisement for Employment	6,000	1,760	1,760	-
Office Supplies	2,180	531	531	-
Operating Supplies-General	49,900	8,133	7,026	1,107
Operating Supplies-Chemicals	465,164	155,055	107,127	47,928
Operating Supplies-Uniforms	8,290	2,763	2,485	278
Operating Supplies-Motor Fuels	143,320	47,773	519	47,254
Dues, Licenses, Etc.-Other	53,393	29,912	29,912	-
Capital Outlay	1,311,129	349,483	349,483	-
Renewal & Replacement Expense	124,000	10,687	10,687	-
<b>Total Plant Operations</b>	<b>6,298,794</b>	<b>1,936,331</b>	<b>1,651,652</b>	<b>284,679</b>

**Coral Springs Improvement District**  
**Water and Sewer Fund**  
**Statement of Revenues, Expenses and Change in Net Assets**

For the Period Ending January 31, 2017

	Adopted Budget FYE 2017	Prorated Budget Thru 1-31-17	Actual 4 Months Ending 1-31-17	Variance Favorable (Unfavorable)
<b><u>Field Operations</u></b>				
Salaries/ Wages/Overtime	771,900	267,196	249,848	17,348
Special Pay	1,893	1,787	1,787	-
FICA Taxes	59,049	20,440	19,069	1,371
Pension Expense	84,911	29,392	24,174	5,218
Health Insurance	216,610	72,203	59,300	12,903
Worker's Comp. Insurance	35,970	11,990	7,852	4,138
Water Quality Testing	500	-	-	-
Naturescape Irrigation Serv	4,542	-	-	-
Telephone	10,200	3,400	3,362	38
Electric	161,879	53,960	30,897	23,063
Rent Expense	13,500	2,284	2,284	-
Rent Expense-SCADA	56,040	18,680	18,680	-
Insurance	21,916	7,305	6,500	805
Repair and Maintenance	169,827	57,085	62,760	(5,675)
Meters-Replacement Program	8,031	-	-	-
Meters-New Connections	3,632	-	-	-
Meters-Supplies	6,708	-	-	-
Advertising-Employment	-	-	440	(440)
Office Supplies	1,680	265	265	-
Operating Supplies-General	48,795	16,265	20,571	(4,306)
Operating Supplies-Uniforms	5,810	1,937	1,961	(24)
Operating Supplies-Motor Fuels	25,392	8,464	9,333	(869)
Dues, Licenses, Etc	7,936	1,127	1,127	-
Capital Outlay	1,196,000	341,571	341,571	-
Renewal & Replacement	-	-	-	-
<b>Total Field Operations</b>	<b>2,912,721</b>	<b>915,351</b>	<b>861,781</b>	<b>53,570</b>
<b>Total Operating Expenses</b>	<b>10,925,192</b>	<b>3,401,690</b>	<b>3,043,750</b>	<b>357,940</b>
<b>Reserves:</b>				
Required Reserve for R & R	-	-	-	-
<b>Total Operating Exp &amp; Reserve</b>	<b>10,925,192</b>	<b>3,401,690</b>	<b>3,043,750</b>	<b>357,940</b>
<b>Available for Debt Service</b>	<b>2,204,329</b>	<b>778,795</b>	<b>1,214,099</b>	<b>435,304</b>
<b><u>Debt Service</u></b>				
<b><u>Principal</u></b>				
2016 Series	1,075,000	358,333	358,333	-
<b><u>Interest</u></b>				
2016 Series	928,935	309,645	309,645	-
<b>Total Debt Service</b>	<b>2,003,935</b>	<b>667,978</b>	<b>667,978</b>	<b>-</b>
<b>Excess Revenues (Expenses)</b>			<b>546,121</b>	
<b>Net Assets Beginning</b>			<b>41,016,855</b>	
<b>Net Assets Ending</b>			<b>\$ 41,562,976</b>	



**Coral Springs Improvement District**

Water and Sewer Fund

Statement of Revenues, Expenses and Change in Net Assets

For the Period Ending January 31, 2017

	Adopted Budget FYE 2017	Prorated Budget Thru 1-31-17	Actual 4 Months Ending 1-31-17	Variance Favorable (Unfavorable)
--	-------------------------------	---------------------------------------	---	--

<b>Summary of Operations and Debt Service Coverage</b>				
Revenues			<u>4,257,849</u>	
Operating Expenditures:				
Operating Expenditures-Admin			530,317	
Operating Expenditures-Plant			1,651,652	
Operating Expenditures-Field			<u>861,781</u>	
Total Operating Expenditures			<u>3,043,750</u>	
Required Reserve for R&R			-	
Total Operating Exp & Reserves			<u>3,043,750</u>	
Available for Debt Service			1,214,099	Debt Service Coverage 1.82
Less: Debt Service			<u>667,978</u>	
Excess Revenues (Exp)			<u>546,121</u>	

## CORAL SPRINGS IMPROVEMENT DISTRICT ASSESSMENT COLLECTIONS FOR FYE 2017

January 31, 2017

<b>Date</b>	<b>Assessments Collected (net of all Commissions &amp; Fees)</b>
10-31-2016	\$ -
11-09-2016	4
11-21-2016	324,565
12-08-2016	1,068,626
12-12-2016	93,543
12-30-2016	70,215
01-13-2017	47,667
<b>Totals</b>	<b>\$ 1,604,620</b>

## Coral Springs Improvement District

Check Registers

January 2017

<u>Fund</u>	<u>Check Date</u>	<u>Check No.</u>	<u>Amount</u>
General Fund	01-01-2017 thru 01-31-2017	4253 - 4268	\$ 103,649.00
<b>Total</b>			<b>\$ 103,649.00</b>

Water and Sewer	01-01-2017 thru 01-31-2017	22262 - 22412	\$ 613,700.39
<b>Total</b>			<b>\$ 613,700.39</b>

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	#
1/13/17	01137			CANAL MOWING SAWGRASS	DESIGN FOR LIVING		300.00	004253
1/13/17	00023			12000 SW 1ST ST PS 2 121 NW 93RD TER PS 1	FLORIDA POWER & LIGHT CO.		88.89	004254
1/13/17	00060			REIMB BOOT ALLOW FY 2017	GALOTTI, JASON		80.23	004255
1/13/17	00267			GEN'L ENGINEERING 11/16	GLOBALTECH, INC.		387.50	004256
1/13/17	00033			MISC SPRAY PARTS MISC SUPPLIES	HOME DEPOT		146.22	004257
1/13/17	00248			LEGAL SERVICES 12/2016 LEGISLATION/LEGAL 12/16	LEWIS, LONGMAN & WALKER, P.A.		2,153.09	004258
1/13/17	01144			REIMB BOOT ALLOW FY 2017	SIEGAL, JASON		69.78	004259
1/13/17	00284			SUNSHINE 50% PINETREE 25% CSID-GF 25%	WASTE PRO-PEMBROKE PINES		1,316.52	004260
1/27/17	99999			VOID CHECK	*****INVALID VENDOR NUMBER*****		.00	004261
1/27/17	00051			UNIFORM RENTAL 12/16 GASOLINE 12/16 NEXTEL 12/16 SAM'S CLUB-FIELD SUP12/16 OFFICESTREAM-CDI SOFTWARE OFFICE SUPP-2017 CALENDAR ANALITICA CONSULTING AMEX-T.G.GIFTCARDS-GF-2 AMEX-AMAZON-RX DISPOSAL AMEX-EBAY-PHONE CLIPS-GF UNIFORM RENTAL 01/17 TELEPHONE 01/17 POSTAGE 01/17 PRINTING & BINDING 01/17 RENT 01/17 TECHNOLOGY SHARING 01/17 OFFICE SUPPLIES 01/17 HEALTH INSURANCE-FIELD	CORAL SPRINGS IMPROVEMENT DIST WS		14,659.66	004262
1/27/17	00080			AMT DUE WS 01/25/17	CORAL SPRINGS IMPROVEMENT DIST WS		72,365.17	004263
1/27/17	00099			BAL.DUE FYE 2016 AUDIT	KEEFE, MCCULLOUGH & CO., LLP		1,020.00	004264
1/27/17	00248			LEGAL SERVICES 11/2016	LEWIS, LONGMAN & WALKER, P.A.		1,411.39	004265
1/27/17	00025			SPONSOR/WATERWAY CLEAN-UP	MIASF		500.00	004266
1/27/17	00288			TIRE TUBE-BACKHOE	MARTINO TIRE		146.71	004267
1/27/17	00037			MANAGEMENT FEES 12/16				

CSID -----CSID---- KWOOD

CHECK DATE	VEND#	INVOICE DATE	NUMBER	YRMO	EXPENSED TO... FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
					MANAGEMENT FEES 01/17	SEVERN TRENT ENVIRONMENTAL SERVICES			9,003.84	004268
						TOTAL FOR BANK G			103,649.00	
						TOTAL FOR REGISTER			103,649.00	

CSID -----CSID----- KWOOD

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO... YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
1/05/17	00127			PVC PARTS	ACTION SUPPLY - MARGATE			115.44	022262
1/05/17	01387			OIL-FILTER GOLF CART	ALL STAR GOLF CAR COMPANY			30.57	022263
1/05/17	00005			COT-SOD HYPO 35% COT-SOD HYPO 65%	ALLIED UNIVERSAL CORP.			2,856.47	022264
1/05/17	01130			DOLLAR TREE-OFFICE SUPP OUTBACK-HOLIDAY PARTY GPS DEVICE-FIELD CRAIGLIST-EMPLOY-WW/FIELD FLEETIO-MONTHLY FEE FRANCOTYP-POSTAGE REFILL GOV CONTROL SYS GEN 4 & 6 HOME DEPOT-WATER FILTERS GARDNER DENVER-BLOWER # 1 PUBLIX-T.G.GIFTCARDS-BRD AMAZON-RX DIS BAGS EBAY-PHONE CLIP	AMERICAN EXPRESS			5,145.82	022265
1/05/17	01354			GAP INS-PTREE 12/01/16 GAP INS-W/H 12/01/16 GAP INS-PTREE 12/15/16 GAP INS-W/H 12/15/16 GAP INS-GF/BOARD 12/28/16 GAP INS-PTREE 12/28/16 GAP INS-W/H 12/28/16	AMERICAN PUBLIC LIFE INSURANCE			1,351.96	022266
1/05/17	01543			ADMIN-CONSULT/TRAIN WATER-CONSULT/TRAIN WW-CONSULT/TRAIN FIELD-CONSULT/TRAIN DRAINAGE-CONSULT/TRAIN	ANALITICA CONSULTING GROUP LLC			2,080.00	022267
1/05/17	00169			WELL MAINT. NOV.	AQUIFER MAINT & PERFORMANCE SYSTEMS			4,327.75	022268
1/05/17	00789			SER.XEROX 6505-WATER	BROWARD BUSINESS EQUIPMENT			415.00	022269
1/05/17	00122			ADDL DENTAL ADMIN 01/17	COMPBENEFITS COMPANY			30.04	022270
1/05/17	01479			GPR SERVICES-LOCATES	CRAIG A.SMITH & ASSOCIATES			675.00	022271
1/05/17	01267			UNIT=045 FRONT BRAKES	CYPRESS MOBIL			165.00	022272
1/05/17	01099			PARTS-LIFT STATION	F.J. NUGENT & ASSOCIATES, INC.			2,622.00	022273
1/05/17	00999			BKGROUND CHECK-FIELD	FEDERAL BACKGROUND SERVICES, INC			70.00	022274
1/05/17	00017			OVERNIGHT SERVICE	FEDEX			30.79	022275
1/05/17	00018			GENERAL SUPPLIES GENERAL SUPPLIES GENERAL SUPPLIES	FERGUSON ENTERPRISES, INC.			3,635.18	022276

CSID -----CSID---- KWOOD

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO YRMO FND DPT	VENDOR NAME ACCT# SUB	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
1/05/17	01421				PARTS-BLWRS 7-11 FLOTECH, INC.		607.64	022277	
1/05/17	01360				WA 118 MARGATE INTERCONN GLOBALTECH, INC.		14,302.54	022278	
1/05/17	01360				WA 120 OPERATING PERMIT GLOBALTECH, INC.		22,904.00	022279	
1/05/17	01360				WA 121 WW SODIUM TANK GLOBALTECH, INC.		3,949.30	022280	
1/05/17	01360				WA 117 TAMARAC INTERCON GLOBALTECH, INC.		27,962.50	022281	
1/05/17	01360				WA 118 MARGATE INTERCONN GLOBALTECH, INC.		6,346.54	022282	
1/05/17	01360				WA 115 LIME FACILITIES GLOBALTECH, INC.		30,066.84	022283	
1/05/17	00063				SPECIFICATION-PUMP MOTOR GLOBALTECH, INC.		437.50	022284	
1/05/17	00377				NEW SUMP PUMP LAB EQUIPMENT-FILTERS GRAINGER, INC.		417.57	022285	
1/05/17	00179				GOLF CART-OIL FILTER GREEN THUMB LAWN & GARDEN LLC		14.42	022286	
1/05/17	01535				RENEW-AMMONIA ANALYZER HACH COMPANY		3,254.00	022287	
1/05/17	00033				AMMONIA SULFURIC ACID HAWKINS, INC.		4,338.31	022288	
1/05/17	00576				REPAIRS TO PICNIC BENCH GENERAL SUPPLIES HOME DEPOT		130.47	022289	
1/05/17	01231				OIL-SUMP PUMPS FREIGHT MOTION INDUSTRIES, INC.		190.63	022290	
1/05/17	01231				ADMIN LIFE INS 01/17 WATER LIFE INS 01/17 WW LIFE INS 01/17 MAINT LIFE INS 01/17 FIELD LIFE INS 01/17 LIFE INS W/H.WS 01/17 LIFE INS W/H.GF 01/17 LIFE INS.CSID-GF.ER01/17 LIFE INS.PTREE-ER 01/17 LIFE INS.PTREE-EE 01/17 MUTUAL OF OMAHA		5,420.48	022291	
1/05/17	00045				FICA EXPENSE MUTUAL OF OMAHA		207.16	022292	
1/05/17	00351				UNIT=047 SUPPLIES PEP BOYS		52.08	022293	
					SAFETY GLOVES SAFETY GLOVES SAFETY GLOVES SAFETY SUPPLIES SAFETY GLOVES SAFETY GLOVES				

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO YRMO	FND DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
1/05/17	01550							BACK BRACES RITZ SAFETY EQUIPMENT, LLC		1,619.75	022294	
1/05/17	99999							PH PROBES FREIGHT ROSEMOUNT ANALYTICAL		674.84	022295	
1/05/17	00425							VOID CHECK *****INVALID VENDOR NUMBER*****		.00	022296	
1/05/17	00053							ADMIN-COFFEE SUPP ADMIN-BOARD MTG 12/16 WATER-CLEANING SUPP 12/16 WATER-COFFEE/GATORADE WW-COFFEE/GATORADE WW-CLEANING SUPP MAINT-COFFEE/GATORADE MAINT-CLEANING SUPP FIELD-COFFEE/GATORADE FIELD-CLEANING SUPP FIELD-GF-COFFEE/GATORADE FIELD-GF-CLEANING SUPP FIELD-PT-COFFEE SUPP FIELD-PT-CLEANING SUPP FIELD-SS-COFFEE SUPP FIELD-SS-CLEANING SUPP SAM'S CLUB/SYNCHRONY BANK		622.61	022297	
1/05/17	01246							PAINT-HSP BUILDING SHERWIN-WILLIAMS		521.61	022298	
1/05/17	01561							SUPPLIES SHIPPING UNITED STATES PLASTIC CORP.		162.82	022299	
1/05/17	01562							PRINCIPAL 2016 SER 01/17 US BANK		89,375.00	022300	
1/05/17	00441							INTEREST 2016 SER 01/17 US BANK		108,859.59	022301	
1/05/17	01529							RAIN GAUGE STUDY GUIDE FREIGHT LAB EQUIPMENT FREIGHT USA BLUEBOOK		575.07	022302	
1/09/17	88888							TRASH SERVICES-12/16 WASTE PRO-PEMBROKE PINES		462.79	022303	
1/09/17	88888							800150907 OCEAN BAY CAPIT OCEAN BAY CAPITAL LLC		61.93	022304	
1/09/17	88888							300835104 *BARATTA/CREBS *STEVE BARATTA/BLENDA CREBS		36.96	022305	
1/09/17	88888							300835603 NASON MICHELLE MICHELLE NASON		57.95	022306	
1/09/17	88888							410039808 KERRIGAN WILLIA WILLIAM/BONNIE KERRIGAN		7.72	022307	
1/09/17	88888							810145707 REICHERT SHERRI SHERRI/PAUL REICHERT		900.49	022308	
1/09/17	88888							810210114 COFLIN A1-FL 3 COFLIN A1-FL 3 LLC		100.00	022309	
1/09/17	88888							810210115 *UNSWORTH KEN *KEN UNSWORTH		8.93	022310	

CSID -----CSID---- KWOOD



CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
1/09/17	88888		510537009	2012-C PROPERTY	2012-C PROPERTY HOLDINGS LLC		100.00	022311	
1/09/17	88888		010569004	PETERKEIN RUPPE	RUPERT PETERKEIN		81.50	022312	
1/09/17	88888		510630005	*DURSO MICHELLE	*MICHELLE DURSO		7.75	022313	
1/09/17	88888		510689208	CAMPUSANO HECTO	HECTOR CAMPUSANO		32.52	022314	
1/09/17	88888		720003203	POZO RAY	RAY POZO		211.93	022315	
1/09/17	88888		920514803	CASANOVA FRANCI	FRANCISCO CASANOVA		39.29	022316	
1/09/17	88888		630166405	SMART JAMES	JAMES/JAMIE SMART		6.87	022317	
1/09/17	88888		030432906	COMPLETE REAL	COMPLETE REAL ESTATE OPTIONS		100.00	022318	
1/09/17	88888		930583005	ASB INVESTMENT	ASB INVESTMENT		100.00	022319	
1/09/17	88888		840061409	*WHITNEY BARBAR	*BARBARA WHITNEY		34.40	022320	
1/09/17	88888		840076505	*LETO ANN	*ANN LETO		24.97	022321	
1/09/17	88888		040564315	OLIVER BERT/MAR	BERT/MARIE OLIVER		61.93	022322	
1/09/17	88888		040613705	TAIT MICHAEL	MICHAEL TAIT		119.52	022323	
1/09/17	88888		040649105	FUND FLORIDA RE	FLORIDA RESIDENTIAL VALUE FUND		94.73	022324	
1/09/17	88888		940826307	WAT CHI WAH CHI	CHI WAH CHIVER WAT		61.93	022325	
1/09/17	88888		750301806	CORAL SPRINGS S	CORAL SPRINGS SHOE & LUGGAGE		2.71	022326	
1/09/17	88888		250606704	HANSEN CHRISTIN	CHRISTINE HANSEN		61.93	022327	
1/09/17	88888		960443108	MEDEROS INVESTM	MEDEROS INVESTMENTS LLC		40.84	022328	
1/09/17	88888		060642706	1208 LIMITED PA	1208 LIMITED PARTNERSHIP		36.24	022329	
1/09/17	88888		160762409	*PURTBLEBAUGH CH	*CHARLENE PURTBLEBAUGH		3.71	022330	
1/09/17	88888		470405513	*BENTLEY TRAVIS	*TRAVIS BENTLEY		61.93	022331	
1/09/17	88888		470618804	MELO JOSE	JOSE MELO		61.93	022332	
1/09/17	88888		380023802	BOSHEK JEFFREY	JEFFREY BOSHEK		65.00	022333	
1/09/17	88888		380026306	SIGARI MIKE/ANG	MIKE/ ANGELA SIGARI		11.38	022334	
1/09/17	88888		888008401	MAGIC PRESSURE	MAGIC PRESSURE CLEANING		368.31	022335	
1/09/17	88888		190853307	ULLOA NACIRA	NACIRA ULLOA		54.60	022336	
1/09/17	88888		890900004	*WYANT JAMIE/SA	*JAMIE/SAHAR WYANT		61.57	022337	

CSID -----CSID---- KWOOD

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO... YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
1/09/17	88888			890922410 LORA FIDEL	FIDEL LORA		16.06	022338
1/12/17	01040			INTERNET CONNECTION 01/17	ADVANCED CABLE COMMUNICATIONS		157.97	022339
1/12/17	01373			ADMIN DENTAL 02/17 WATER DENTAL 02/17 WW DENTAL 02/17 MAINT DENTAL 02/17 FIELD DENTAL 02/17 DENTAL..CSID-GF 02/17 DENTAL..PINETREE 02/17	AMERITAS LIFE INSURANCE CORP-DENTAL	4,860.80	022340	
1/12/17	01374			ADMIN VISION 02/17 WATER VISION 02/17 WW VISION 02/17 MAINT VISION 02/17 FIELD VISION 02/17 VISION..CSID-GF 02/17 VISION..PINETREE 02/17	AMERITAS LIFE INSURANCE CORP-VISION	987.08	022341	
1/12/17	00694			TECH SUPP 11/26-12/25/16	ASSOCIATED SYSTEMS, INC.	1,185.00	022342	
1/12/17	01314			REIMB BOOT ALLOW FY2017	BERRINGER, DAVID	90.00	022343	
1/12/17	00857			LABOR LAW POSTER	CAPITAL ONE	369.50	022344	
1/12/17	00352			UTILITY TAXES 12/16	CITY OF CORAL SPRINGS	58,709.64	022345	
1/12/17	01007			AD-TECHICIAN-WATER AD-TECHICIAN-WW	FLORIDA WATER RESOURCES JOURNAL	880.00	022346	
1/12/17	01241			CEU-BRYAN F.	FOGLE, BRYAN	119.00	022347	
1/12/17	00023			ADMIN ELECTRIC 12/16 PLT-WATER ELECTRIC 12/16 PLT-WASTE ELECTRIC 12/16 FIELD ELECTRIC 12/16	FLORIDA POWER & LIGHT CO.	56,640.49	022348	
1/12/17	01329			IRA-01/10/17 PLAN 705880	VANTAGEPOINT TRANSFER AGENTS-705880	785.00	022349	
1/12/17	01486			UNLEADED GAS DIESEL GAS	LANK OIL COMPANY	5,215.94	022350	
1/12/17	01302			LEGAL SERVICES 11/2016	LEWIS, LONGMAN & WALKER, P.A.	442.50	022351	
1/12/17	00881			REIMB BOOT ALLOW FY2017	LUCIBELLO, JOHN	90.00	022352	
1/12/17	01150			OFFICE SUPP-JAN OFFICE SUPP-LOG BOOKS OFFICE SUPP-DRY ERASE BD. OFFICE SUPP-CALENDARS	OFFICE DEPOT	217.17	022353	
1/12/17	01434			2,000 SECURITY CHECKS	MICHAEL PEAKE	151.00	022354	

CSID -----CSID----- KWOOD

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	#
1/12/17	01175			UNIFORMS-WATER UNIFORMS-WW UNIFORMS-MAINT UNIFORMS-FIELD 12/21/16 UNIFORMS-GF 12/21/16	UNIFIRST CORPORATION		215.54	022355
1/12/17	01462			DIESEL SPILL-GEN 5	URS CORPORATION SOUTHERN		22,140.98	022356
1/12/17	01564			LEVY LOANS PER 01-12-17	US DEPARTMENT OF EDUCATION		225.54	022357
1/12/17	01264			ADMIN PHONE 01/17 FIELD PHONE 01/17	WINDSTREAM NUVOX, INC.		143.35	022358
1/12/17	01264			ADMIN PHONE 01/17 WASTE PHONE 01/17 FIELD PHONE 01/17	WINDSTREAM NUVOX, INC.		191.25	022359
1/12/17	01011			COPIER LEASE #7232 01/17 COPIER READS #7232 01/17 COPIER LEASE #7835 12/16 COPIER READS #7835 12/16 COPIER READS #7535 12/16	XEROX CORPORATION		246.09	022360
1/24/17	01135			REPAIRS TO SCADA SCADA REPAIRS REPAIRS TO WELLS	ADS ENGINEERING, PLLC		1,540.00	022361
1/24/17	00822			AFLAC-W/H 01/17 AFLAC-PTREE 01/17	AFLAC		2,597.06	022362
1/24/17	00005			COT-SOD HYPO 65% COT-SOD HYPO 35% COT-SOD HYPO 65% COT-SOD HYPO 35% CALCIUM HYPO GRANULES COT-SOD HYPO 65% COT-SOD HYPO 35%	ALLIED UNIVERSAL CORP.		8,702.60	022363
1/24/17	01502			MAIN GATE-NEW CTRL BOARD TECH TIME SERVICE CALL MAIN GATE-NEW SUPPRESSOR	AT & I SYSTEMS		577.30	022364
1/24/17	01432			GREASE BLOCKS-HEADWORKS	BACTICORP, LLC		592.00	022365
1/24/17	01256			SOD PALLET SOD 14489 SOD 14520 SOD	CORAL SPRINGS NURSERY, INC.		419.25	022366
1/24/17	01572			REBUILD CHECK VALVE HSP 9 SHIPPING	CS3 WATERWORKS		2,438.00	022367
1/24/17	01267			UTILITY TRAILER-BEARINGS	CYPRESS MOBIL		240.00	022368

CSID -----CSID----- KWOOD

CHECK DATE	VEND#	INVOICE DATE	INVOICE NUMBER	EXPENSED TO YRMO	FND DPT ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
1/24/17	00174						MONITOR ADM 01/1-03/31/17 MONITOR FLD 01/1-03/31/17			162.00	022369
1/24/17	01327						CYPRESS TRACE SECURITY INC.				
1/24/17	01452						RENTAL CENTRAL 1-2017 RENTAL LS 1-2017			4,670.00	022370
1/24/17	00018						DATA FLOW SYSTEMS, INC				
1/24/17	00020						REPAIRS TO PLANT E REPAIRS TO PLANT C			903.00	022371
1/24/17	99999						DELTA CONTROLS				
1/24/17	00056						PART RETURN GENERAL SUPPLIES GENERAL SUPPLIES MARKING PAINT INJECTION QUILLS			2,641.85	022372
1/24/17	00056						FERGUSON ENTERPRISES, INC.				
1/24/17	00056						LAB EQUIPMENT			132.65	022373
1/24/17	00056						FISHER SCIENTIFIC COMPANY LLC.				
1/24/17	00056						VOID CHECK			.00	022374
1/24/17	01540						MONTHLY BACTIS 6120399 MONTHLY BACTI 6120400 DISINFECTION 6120401 CBOD & TSS 6120402 CBOD & TSS 6120403 CBOD & TSS 6120404 CBOD & TSS 6120462 MONITORING WELLS 6120463 RO CONCEN 6120473 CBOD & TSS 6120475 CBOD & TSS 6120518 CBOD & TSS 6120598 CBOD & TSS 6120599 RO CONCEN 6120631 CBOD & TSS 6120632 ANNUAL SOC'S 6120687 CBOD & TSS 7010202 CBOD & TSS 7010203 CBOD & TSS 7010204 RO CONCEN 7010225 CBOD & TSS 7010229			3,448.00	022375
1/24/17	01360						FLORIDA SPECTRUM ENV. SERVICES, INC				
1/24/17	00063						GIS PROJECT MANAGER			3,850.00	022376
1/24/17	00514						FLORIDA TECHNICAL CONSULTANTS				
1/24/17	01535						PARTS-HSP 5 & 6			1,463.00	022377
1/24/17	01535						GLOBALTECH, INC.				
1/24/17	01535						CIRCUIT BREAKER			81.67	022378
1/24/17	01535						GRAINGER, INC.				
1/24/17	01535						SLUDGE MGMT SEWER 12/16			12,144.00	022379
1/24/17	01535						H & H LIQUID SLUDGE DISPOSAL, INC.				
1/24/17	01535						SULFURIC ACID SODIUM HYDROXIDE PLUS ANTISCALANT SULFURIC ACID				

CSID -----CSID----- KWOOD

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	#
1/24/17	01046			CORROSION INHIBITOR AMMONIA SULFURIC ACID	HAWKINS, INC.		18,737.83	022380
1/24/17	00033			NUT ASSEMBLY	HD SUPPLY WATERWORKS, LTD		565.56	022381
1/24/17	01397			PAINT-HSP BUILDING MAINT SUPPLIES FAUCET LADIES BATHROOM CONCRETE TOOLS MISC SUPPLIES HSP MOTOR PAINT	HOME DEPOT		1,381.38	022382
1/24/17	01556			REIMB BOOT ALLOW FY2017	HOSEIN, AFZAL		90.00	022383
1/24/17	01093			HEADWORKS DUMPSTER FREIGHT BARSCREEN GASKET FREIGHT	HUBER TECHNOLOGY INC.		550.00	022384
1/24/17	00668			MAINT CANAL BANK 12/2016 MONTHLY MAINT-JAN	JLS LANDSCAPE SERVICES, INC.		4,600.41	022385
1/24/17	00766			PREMIUM REFUND-GAP PREMIUM REFUND-DISABILITY	JONES, ALVAN		11.81	022386
1/24/17	01345			BAL.DUE FYE2016 AUDIT	KEEFE, MCCULLOUGH & CO., LLP		1,530.00	022387
1/24/17	00576			PVC PARTS-HYPO BLDG.	LEHMAN PIPE & PLUMBING SUPPLY, INC.		310.73	022388
1/24/17	01117			PARTS-PLANT E FREIGHT	MOTION INDUSTRIES, INC.		635.77	022389
1/24/17	01555			REIMB BOOT ALLOW FY2017	NEALON, MARK		90.00	022390
1/24/17	00155			1 YR. LEASE-CYLINDERS	NEXAIR, LLC		231.22	022391
1/24/17	00683			ADMIN NEXTEL 01/17 PLANT-WATER NEXTEL 01/17 PLANT-WASTE NEXTEL 01/17 PLANT-MAINT NEXTEL 01/17 FIELD NEXTEL 01/17 NEXTEL 01/17 DUE SUNSHINE NEXTEL 01/17 DUE CSID GF	NEXTEL COMMUNICATIONS		1,556.63	022392
1/24/17	01125			PORTABLE GEN 7-OIL CHANGE HSP 7 ENGINE REPAIRS OIL CHANGE-RO PLANT GEN 1	O-K GENERATORS		7,491.25	022393
1/24/17	01406			CEU-STEPHEN O.	OUIMET, STEPHEN		119.00	022394
1/24/17	00045			DFS SHIPPING	PAKMAIL		22.37	022395
				MOBILE POWER OUTLET	PEP BOYS		39.98	022396

CSID -----CSID---- KWOOD

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	#
1/24/17	01419			REIMB TO \$7,000 12/31/16	POSTMASTER		2,588.21	022397	
1/24/17	01416			UTIL STMTS 12/2016 ADD'L METERED POSTAGE	PRIDE ENTERPRISES		1,217.37	022398	
1/24/17	00551			ROTOGUARD REPAIRS HEAT PROTECTION	RICE PUMP & MOTOR INC		585.00	022399	
1/24/17	00351			SAFETY SUPPLIES SAFETY GLASSES	RITZ SAFETY EQUIPMENT, LLC		280.26	022400	
1/24/17	01166			REIMB BOOT ALLOW FY2017	RODRIGUEZ, DANIEL		36.85	022401	
1/24/17	00072			MANAGEMENT FEE 12/16 POSTAGE 12/16 COPIES 12/16	SEVERN TRENT ENVIRONMENTAL SERVICES		6,769.44	022402	
1/24/17	00053			PAINT-HSP BUILDING	SHERWIN-WILLIAMS		649.95	022403	
1/24/17	01168			CEU-MIKE S.	SIBERT, MICHAEL		175.00	022404	
1/24/17	00782			LOCATES-DEC 2016	SUNSHINE STATE ONE CALL OF FLA.		175.92	022405	
1/24/17	01175			UNIFORMS-WATER UNIFORMS-WW UNIFORMS-MAINT UNIFORMS-FIELD 12/28/16 UNIFORMS-GF 12/28/16 UNIFORMS-WATER UNIFORMS-WW UNIFORMS-MAINT UNIFORMS-FIELD UNIFORMS-GF 01/04/17	UNIFIRST CORPORATION		458.30	022406	
1/24/17	01498			RENTAL-AIR COMPRESSOR KAO	USA EQUIPMENT SOLUTIONS		665.00	022407	
1/24/17	00441			LAB CHEMICALS FREIGHT LAB CHEMICALS LAB CHEMICALS FREIGHT GENERAL SUPPLIES FREIGHT	USA BLUEBOOK		1,046.26	022408	
1/24/17	01450			CARTRIDGE FILTERS	WACO FILTERS CORPORATION		9,425.25	022409	
1/24/17	01264			ADMIN PHONE 01/17 FIELD PHONE 01/17	WINDSTREAM NUVOX, INC.		574.97	022410	
1/24/17	01264			FRONT GATE PHONE 01/17	WINDSTREAM NUVOX, INC.		72.30	022411	
1/26/17	01564			LEVY LOANS PER-01-26-2017	US DEPARTMENT OF EDUCATION		225.54	022412	
TOTAL FOR BANK H							613,700.39		

CSID -----CSID---- KWOOD