

**Coral Springs  
Improvement District**

**Agenda**

**March 18, 2019**



# Coral Springs Improvement District

March 11, 2019

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 March 18, 2019 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 February 25, 2019 Meeting
3. Audience Comments
4. Approval of Financial Statements for February 2019
5. Consideration of Video Survey of Well #5 by AMPS Extending the Terms of the Current Contract Piggybacked from Martin County
6. Consideration of Work Authorizations
  - A. Work Authorization #137 for Improvements to High Service Pumps #1 and #2 for a Total Cost of \$89,120
  - B. Work Authorization #158 for FY 2019 GST Repair & Improvements for a Total Cost of \$85,949
  - C. Amendment #1 to Work Authorization #147 for Membrane Plant Antiscalant Flow Meter for a Decrease of \$5,000
7. Staff Reports
  - A. Manager – Ken Cassel
    - Designation of Landowners' Election – June 17, 2019
  - B. Engineer – Rick Olson
  - C. Department Reports
    - Operations – Dan Daly
      - Utility Billing Work Orders
    - Utilities Update (David McIntosh)
    - Water – Joe Stephens (Report Included)
    - Wastewater – Mark Nealon (Report Included)
    - Stormwater – Shawn Frankenhauser (Report Included)
    - Field – Curt Dwiggin (Report Included)
    - Maintenance Report – Pedro Vasquez (Report Included)
    - Human Resources – Jan Zilmer
    - Motion to Accept Department Reports
  - D. Attorney
8. Supervisors' Requests
9. Adjournment

## **Coral Springs Improvement District**

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/sd  
District Manager

cc: District Staff  
Terry Lewis  
Seth Behn

Rick Olson  
Beverley Servé  
Stephen Bloom

## **Second Order of Business**

**MINUTES OF MEETING  
CORAL SPRINGS IMPROVEMENT DISTRICT**

A regular meeting of the Board of Supervisors of the Coral Springs Improvement District was held Monday, February 25, 2019 and called to order at 4:02 p.m. at the District Office, located at 10300 NW 11<sup>th</sup> Manor, Coral Springs, Florida.

Present and constituting a quorum were:

Martin Shank	President
Duane Holland	Vice President
Nick St. Cavish	Secretary

Also present were:

Kenneth Cassel	District Manager
Terry Lewis	District Counsel
Dan Daly	Director of Operations
David McIntosh	Director of Utilities
Jan Zilmer	Human Resources
Marta Rubio	District Accountant
Rick Olson	District Engineer
Curt Dwiggins	Field Department
Pedro Vasquez	Maintenance Department
Mark Nealon	Wastewater Department
Joe Stephens	Water Department
Shawn Frankenhauser	Stormwater Department

***The following is a summary of the discussions and actions taken at the February 25, 2019 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  
January 28, 2019 Meeting**

Each Board member received a copy of the January 28, 2019 meeting minutes, and Dr. Shank requested any additions, corrections or deletions.

There being none,

On MOTION by Mr. St. Cavish seconded by Mr. Holland with all in favor the minutes of the January 28, 2019 meeting were approved.

**THIRD ORDER OF BUSINESS**

**Audience Comments**

There being none, the next order of business followed.

**FOURTH ORDER OF BUSINESS**

**Approval of Financial Statements for January 2019**

The Board reviewed the Financial Statements for January 2019.

On MOTION by Mr. Holland seconded by Mr. St. Cavish with all in favor the Financial Statements for January 2019 were approved.

**FIFTH ORDER OF BUSINESS**

**Consideration of Work Authorizations**

**A. Amendment #1 to Work Authorization #144 for Deep Injection Wells Mechanical Integrity Testing for a Decrease of \$16,337.32**

On MOTION by Mr. St. Cavish seconded by Mr. Holland with all in favor Amendment #1 to Work Authorization #144 was approved.

**B. Amendment #1 to Work Authorization #148 for Canal Bank Restoration at Three FEMA Sites for a Decrease of \$8,329.20**

On MOTION by Mr. St. Cavish seconded by Mr. Holland with all in favor Amendment #1 to Work Authorization #148 was approved.

**C. Amendment #1 to Work Authorization #156 for Production Well 8 Redevelopment**

Amendment #1 to Work Authorization #156 is for a total increase of \$17,615.

On MOTION by Mr. St. Cavish seconded by Mr. Holland with all in favor Amendment #1 to Work Authorization #156 was approved.

**D. Work Authorization #160 for Monitor Well #3 Pump Replacement**

This work authorization is for a total cost of \$14,120.

On MOTION by Mr. Holland seconded by Mr. St. Cavish with all in favor Work Authorization #160 was approved.

**SIXTH ORDER OF BUSINESS**

**Consideration of Purchase of John Deere Equipment for the Wastewater Department Piggybacking Off of the State of Florida Contract for \$8,099.29**

Mr. Nealon reviewed the quote and indicated the old one will be repaired and used by the Maintenance Department.

On MOTION by Mr. Holland seconded by Mr. St. Cavish with all in favor the purchase of a John Deere utility vehicle at a total cost of \$8,099.29 was approved.

**SEVENTH ORDER OF BUSINESS**

**Staff Reports**

**A. Manager – Ken Cassel**

Mr. Cassel provided a brief update on litigation with the City. They are checking on the statute of limitations as their defense.

**B. Engineer – Rick Olson**

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

**C. Department Reports**

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

This item is for informational purposes.

- **Utilities Update (David McIntosh)**

Mr. McIntosh reported on an agreement with SWCD regarding use of the District's site for debris management. He also discussed repair of Tank C.

- **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.

- **Wastewater – Mark Nealon (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.

- **Maintenance Report – Pedro Vasquez (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 new employees were hired for the Water and Wastewater Departments. Staff is also meeting every Thursday to discuss succession.

- **Motion to Accept Department Reports**

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

**D. Attorney**

Mr. Lewis reported the following:

- He reviewed a proposed contract between the District and Johnson Controls.
- Ramblewood Elementary is pushing back on payment for a permit review they need. There is a provision in Chapter 1013, Florida Statutes, which exempts them from most permits unless they agree to pay for them.
- He discussed legislation being proposed by Commissioner Dan Daley, which will likely not pass. Commissioner Daley is willing to discuss with the District. Discussion ensued regarding a referendum for residents to vote on how There was consensus to meet with the City's lobbyist and the President of NSID.

**EIGHTH ORDER OF BUSINESS**

**Supervisors' Requests**

There being none, the next order of business followed.



**NINTH ORDER OF BUSINESS**

**Adjournment**

There being no further business,

On MOTION by Mr. Holland seconded by Mr. St. Cavish with  
all in favor the meeting adjourned.

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Kenneth Cassel  
Secretary

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Martin Shank  
President

# **Fourth Order of Business**

# **CORAL SPRINGS IMPROVEMENT DISTRICT**

**FINANCIAL REPORTING – MEETING MARCH 18, 2019**

# **CORAL SPRINGS IMPROVEMENT DISTRICT**

**FINANCIAL REPORTING FOR FEBRUARY 2019**

**MARCH 18, 2019**

**Board of Supervisors Meeting**

**CORAL SPRINGS IMPROVEMENT DISTRICT  
BALANCE SHEET  
All Fund Types and Account Groups**

**FEBRUARY 28, 2019**

DESCRIPTION	GENERAL FUND	WATER & SEWER FUND	GENERAL FIXED ASSETS	TOTALS
<b>ASSETS</b>				
Cash & Cash Equivalents				
Checking Accounts	\$ 307,297	2,058,428	\$ -	\$ 2,365,725
CDAR'S	2,000,000	6,000,000	-	8,000,000
Money Market Accounts	2,139,191	7,288,395	-	9,427,586
Investments	2,765,468	2,807,403	-	5,572,871
Restricted Investments	-	5,376,897	-	5,376,897
Accounts Receivable	-	569,297	-	569,297
Unbilled Utility Revenues Receivable	-	767,049	-	767,049
Due from Other Funds	1,047	-	-	1,047
Prepaid Expenses	15,421	147,595	-	163,016
Deferred Outflow-2007 Series	-	1,592,775	-	1,592,775
Land	-	361,739	553,200	914,939
Easements	-	394,998	-	394,998
Meters in Field (Net)	-	1,051,699	-	1,051,699
Machinery & Equipment (Net)	-	363,405	155,242	518,647
Imp. Other than Bldgs. (Net)	-	51,191,976	6,242,174	57,434,150
Buildings (Net)	-	146,993	-	146,993
Construction in Progress	-	2,398,780	-	2,398,780
<b>TOTAL ASSETS</b>	<b>\$ 7,228,424</b>	<b>\$ 82,517,429</b>	<b>\$ 6,950,616</b>	<b>\$ 96,696,469</b>

**CORAL SPRINGS IMPROVEMENT DISTRICT  
BALANCE SHEET  
All Fund Types and Account Groups**

**FEBRUARY 28, 2019**

DESCRIPTION	GENERAL FUND	WATER & SEWER FUND	GENERAL FIXED ASSETS	TOTALS
<b>LIABILITIES</b>				
Accounts Payable	\$ 9,427	\$ 101,281	\$ -	\$ 110,708
Contracts Payable	-	-	-	-
Retainage Payable	-	-	-	-
Accrued Int Payable-2016 Series	-	306,601	-	306,601
Accrued Wages Payable	15,844	114,739	-	130,583
Accrued Vac/Sick Time Payable	-	236,396	-	236,396
Pension Payable	-	-	-	-
Utility Tax Payable	-	51,965	-	51,965
Payroll Taxes Payable	-	-	-	-
Deposits	54,550	558,415	-	612,965
Deferred Revenues	-	-	-	-
Due to Other Funds	-	1,047	-	1,047
Net OPEB Obligation	-	99,348	-	99,348
Bonds Payable-2016 Series	-	40,210,000	-	40,210,000
<b>TOTAL LIABILITIES</b>	<b>\$ 79,821</b>	<b>\$ 41,679,792</b>	<b>\$ -</b>	<b>\$ 41,759,613</b>
<b>FUND BALANCE / NET POSITION</b>				
Fund Balance:				
Unspendable	15,421		-	15,421
Assigned	3,584,166		-	3,584,166
Unassigned	3,549,016	-	-	3,549,016
Net Position	-	40,837,637	-	40,837,637
Investment in GF	-	-	6,950,616	6,950,616
<b>TOTAL FUND BALANCE/ NET ASSETS</b>	<b>\$ 7,148,603</b>	<b>\$ 40,837,637</b>	<b>\$ 6,950,616</b>	<b>\$ 54,936,856</b>
<b>TOTAL LIABILITIES &amp; FUND BALANCE</b>	<b>\$ 7,228,424</b>	<b>\$ 82,517,429</b>	<b>\$ 6,950,616</b>	<b>\$ 96,696,469</b>

**CORAL SPRINGS IMPROVEMENT DISTRICT  
GENERAL FUND**  
Statement of Revenues, Expenditures and Change in Fund Balance  
For the Period Ending February 28, 2019

	ADOPTED BUDGET FY 2018-2019	PRORATED BUDGET THRU 2/28/2019	ACTUAL 5 MONTHS ENDING 2/28/2019	VARIANCE FAVORABLE (UNFAVORABLE)
<b>REVENUES</b>				
Assessments (Net) (*)	\$ 3,849,956	\$ 3,180,798	\$ 3,180,798	\$ -
Permit Review Fees	1,000	1,000	1,200	200
Interest Income	20,000	20,000	46,375	26,375
Shared Personnel Revenue	33,896	14,121	14,121	-
Miscellaneous Revenue	-	-	8,746	8,746
Carry Forward Assigned Funds (*)	92,885	-	-	-
<b>TOTAL REVENUES</b>	<b>\$ 3,997,737</b>	<b>\$ 3,215,919</b>	<b>\$ 3,251,240</b>	<b>\$ 35,321</b>
<b>EXPENDITURES</b>				
<b>ADMINISTRATIVE</b>				
Supervisor Fees	\$ 7,200	\$ 3,000	\$ 3,000	\$ -
Salaries/Wages	133,908	56,653	57,930	(1,277)
Special Pay (*)	238	238	238	-
FICA Taxes	10,796	4,568	4,685	(117)
Pension Expense	16,069	6,798	6,974	(176)
Health Insurance	54,611	22,755	22,125	630
Workers Comp. Ins.	379	158	223	(65)
Engineering Fees	30,000	10,000	8,225	1,775
Legal Fees	60,000	25,000	27,317	(2,317)
Special Consulting Services	100,000	41,667	22,793	18,874
Annual Audit (*)	10,500	8,000	8,000	-
Actuarial Computation-OPEB	2,772	-	-	-
Management Fees	57,313	23,881	23,881	-
Telephone Expense	3,334	1,388	1,388	-
Postage	668	276	276	-
Printing & Binding	1,260	525	525	-
Administrative Building Cost	12,000	5,000	5,000	-
Insurance	1,179	491	340	151
Legal Advertising	2,000	833	115	718
Contingencies/Other Current Charges	1,000	417	317	100
Paver Incentive Program	12,500	5,208	-	5,208
Computer Expense/Technology	29,400	12,250	7,090	5,160
Digital Record Management	1,000	417	-	417
Office Supplies	7,125	2,969	3,170	(201)
Dues, Licenses, Schools & Permits	7,800	175	175	-
Promotional Expenses (*)	8,400	-	-	-
Capital Purchases (*)	-	-	-	-
<b>TOTAL ADMINISTRATIVE</b>	<b>\$ 571,452</b>	<b>\$ 232,667</b>	<b>\$ 203,787</b>	<b>\$ 28,880</b>

**CORAL SPRINGS IMPROVEMENT DISTRICT  
GENERAL FUND**

**Statement of Revenues, Expenditures and Change in Fund Balance**

**For the Period Ending February 28, 2019**

	ADOPTED BUDGET FY 2018-2019	PRORATED BUDGET THRU 2/28/2019	ACTUAL 5 MONTHS ENDING 2/28/2019	VARIANCE FAVORABLE (UNFAVORABLE)
<b>FIELD OPERATIONS</b>				
Salaries and Wages	\$ 278,553	\$ 117,849	\$ 115,141	\$ 2,708
Special Pay (*)	813	813	813	-
FICA Taxes	21,309	9,015	8,739	276
Pension Expense	33,426	14,142	13,808	334
Health Insurance	88,849	37,020	37,236	(216)
Worker's Comp. Insurance	15,433	6,430	6,374	56
Water Quality Testing	3,000	1,250	538	712
Communications-Radios/Cellphones	1,872	780	434	346
Electric	1,411	588	286	302
Rentals & Leases	-	-	-	-
Insurance	14,845	6,185	4,080	2,105
R & M - General	54,010	22,504	8,192	14,312
R & M - Culvert Inspection & Cleaning	69,500	28,958	129,000	(100,042)
R & M - Canal Dredging & Maintenance	25,000	10,417	-	10,417
R & M - Vegetation Management	15,000	6,250	4,615	1,635
Operating Supplies - General	3,825	1,594	805	789
Operating Supplies - Chemicals	114,659	47,775	27,489	20,286
Operating Supplies - Uniform	1,823	760	473	287
Operating Supplies - Motor Fuels	51,705	21,544	2,419	19,125
Dues, Licenses, Schools & Permits	3,752	1,563	1,024	539
Capital Outlay-Equipment (*)	27,500	-	-	-
Capital Improvements (*)	1,000,000	347,213	347,213	-
<b>TOTAL FIELD</b>	<b>\$ 1,826,285</b>	<b>\$ 682,650</b>	<b>\$ 708,679</b>	<b>\$ (26,029)</b>
<b>TOTAL EXPENDITURES</b>	<b>\$ 2,397,737</b>	<b>\$ 915,317</b>	<b>\$ 912,466</b>	<b>\$ 2,851</b>
<b>RESERVES</b>				
Reserved for 1st Qtr. Operating	350,000	145,833	-	145,833
Reserved for Projects & Emergencies	250,000	104,167	-	104,167
Storm Damages Reserves	1,000,000	416,667	-	416,667
<b>TOTAL RESERVES</b>	<b>\$ 1,600,000</b>	<b>\$ 666,667</b>	<b>\$ -</b>	<b>\$ 666,667</b>
<b>TOTAL EXPENDITURES &amp; RESERVES</b>	<b>\$ 3,997,737</b>	<b>\$ 1,581,984</b>	<b>\$ 912,466</b>	<b>\$ 669,518</b>
<b>EXCESS REVENUES OVER (UNDER)</b>				
<b>EXPENDITURES &amp; RESERVES</b>	<b>\$ -</b>		<b>\$ 2,338,774</b>	
<b>FUND BALANCE BEGINNING</b>			<b>\$ 4,809,829</b>	
<b>FUND BALANCE ENDING</b>			<b>\$ 7,148,603</b>	



**CORAL SPRINGS IMPROVEMENT DISTRICT  
WATER & SEWER FUND  
Statement of Revenues, Expenses and Change in Net Assets  
For the Period Ending February 28, 2019**

	<b>ADOPTED BUDGET FY 2018-2019</b>	<b>PRORATED BUDGET THRU 2/28/2019</b>	<b>ACTUAL 5 MONTHS ENDING 2/28/2019</b>	<b>VARIANCE FAVORABLE (UNFAVORABLE)</b>
<b>REVENUES</b>				
Water Revenue	\$ 6,467,008	2,694,587	\$ 2,719,419	\$ 24,832
Sewer Revenue	5,852,977	2,438,740	2,421,151	(17,589)
Standby Revenue	3,120	1,300	1,260	(40)
Processing Fees	12,000	5,000	6,600	1,600
Lien Information Fees	9,000	3,750	6,100	2,350
Delinquent Fees	290,000	120,833	135,925	15,092
Contract Utility Billing Services	59,620	24,844	24,844	-
Contract HR & Payroll Services	12,902	5,377	5,377	-
Facility Connection Fees	-	-	16,400	16,400
Meter Fees	-	-	5,267	5,267
Line Connection Fees	-	-	21,400	21,400
Interest Income-Restricted	-	-	44,753	44,753
Interest Income-Operations	65,000	27,083	122,025	94,942
Rent Revenue	63,304	26,377	36,987	10,610
Technology Sharing Revenue	15,000	6,250	6,250	-
Misc. Revenues	12,000	25,519	25,519	-
Renewal & Replacement (*)	365,000	-	-	-
Carryforward Prior Yr. Fund Balance (*)	4,372,639	1,500,000	1,500,000	-
<b>TOTAL REVENUES</b>	<b>\$ 17,599,570</b>	<b>\$ 6,879,660</b>	<b>\$ 7,099,277</b>	<b>\$ 219,617</b>

**CORAL SPRINGS IMPROVEMENT DISTRICT  
WATER & SEWER FUND  
Statement of Revenues, Expenses and Change in Net Assets  
For the Period Ending February 28, 2019**

	ADOPTED BUDGET FY 2018-2019	PRORATED BUDGET THRU 2/28/2019	ACTUAL 5 MONTHS ENDING 2/28/2019	VARIANCE FAVORABLE (UNFAVORABLE)
<b>EXPENSES</b>				
<b>ADMINISTRATIVE</b>				
Salaries and Wages	\$ 1,002,793	\$ 424,259	\$ 386,673	\$ 37,586
Special Pay (*)	2,252	2,198	2,198	-
FICA Taxes	76,713	32,456	28,496	3,960
Pension Expense	120,335	50,140	45,567	4,573
Health Insurance	199,390	83,079	71,224	11,855
Workers Comp. Insurance	2,707	1,128	887	241
Unemployment Compensation	4,000	1,667	-	1,667
Engineering Fees	33,600	14,000	1,113	12,887
Trustee/Other Debt Expenses (*)	10,740	9,159	9,159	-
Legal Fees	36,000	15,000	7,597	7,403
Special Consulting Services	90,570	37,738	33,510	4,228
Travel & Per Diem (Board)	4,500	1,875	-	1,875
Annual Audit (*)	12,000	12,000	12,000	-
Actuarial Computation - OPEB	2,700	-	-	-
Management Fees	85,973	35,859	35,859	-
Telephone Expense	12,810	5,338	4,851	487
Postage	36,200	15,083	10,057	5,026
Printing & Binding	21,970	9,154	5,418	3,736
Electric Expense	12,000	5,000	3,361	1,639
Rentals and Leases	3,075	1,281	1,045	236
Insurance	15,288	6,370	-	6,370
Repair and Maintenance	16,970	7,071	5,414	1,657
Legal Advertising	13,800	5,750	445	5,305
Other Current Charges	27,060	11,275	10,817	458
Merchant Fees	68,700	28,625	28,519	106
Computer/Technology Expenses	63,831	26,596	13,437	13,159
Employment Ads	18,840	7,850	880	6,970
Toilet Rebate	14,850	6,188	3,168	3,020
Office Supplies	4,000	1,667	991	676
Dues, Licenses, Schools & Permits (*)	12,000	630	630	-
Promotional Expenses (*)	18,310	4,715	4,715	-
Capital Outlay (*)	50,000	-	-	-
<b>Total Administrative</b>	<b>\$ 2,093,977</b>	<b>\$ 863,151</b>	<b>\$ 728,031</b>	<b>\$ 135,120</b>

**CORAL SPRINGS IMPROVEMENT DISTRICT  
WATER & SEWER FUND  
Statement of Revenues, Expenses and Change in Net Assets  
For the Period Ending February 28, 2019**

	ADOPTED BUDGET FY 2018-2019	PRORATED BUDGET THRU 2/28/2019	ACTUAL 5 MONTHS ENDING 2/28/2019	VARIANCE FAVORABLE (UNFAVORABLE)
<b>PLANT OPERATIONS</b>				
Salaries and Wages	\$ 1,715,618	\$ 725,838	\$ 605,971	\$ 119,867
Special Pay (*)	2,702	2,599	2,599	-
FICA Taxes	131,244	55,526	46,854	8,672
Pension Expense	203,124	85,937	69,788	16,149
Health Insurance	334,514	139,381	116,083	23,298
Workers Comp. Insurance	59,877	24,949	25,647	(698)
Water Quality Testing	72,066	30,028	14,805	15,223
Telephone Expense	9,864	4,110	2,500	1,610
Electric Expense	678,409	282,670	208,411	74,259
Rentals and Leases	13,900	5,792	-	5,792
Insurance	158,849	66,187	49,762	16,425
Repair & Maintenance-General	694,656	289,440	192,456	96,984
Repair & Maint-Filters for Water Plant (*)	705,050	585,448	585,448	-
Sludge Management - Sewer	150,000	62,500	41,761	20,739
Office Supplies	2,765	1,152	1,161	(9)
Operating Supplies - General	95,675	39,865	12,990	26,875
Operating Supplies - Chemicals	408,767	170,320	102,496	67,824
Uniforms	9,255	3,856	2,846	1,010
Motor Fuels	81,756	34,065	1,571	32,494
Dues, Licenses, Schools & Permits (*)	71,212	36,482	36,482	-
Capital Outlay (*)	3,276,430	1,525,760	1,525,760	-
Renewal & Replacement (*)	365,000	35,630	35,630	-
<b>TOTAL PLANT OPERATIONS</b>	<b>\$ 9,240,733</b>	<b>\$ 4,207,535</b>	<b>\$ 3,681,021</b>	<b>\$ 526,514</b>

**CORAL SPRINGS IMPROVEMENT DISTRICT  
WATER & SEWER FUND  
Statement of Revenues, Expenses and Change in Net Assets  
For the Period Ending February 28, 2019**

	ADOPTED BUDGET FY 2018-2019	PRORATED BUDGET THRU 2/28/2019	ACTUAL 5 MONTHS ENDING 2/28/2019	VARIANCE FAVORABLE (UNFAVORABLE)
<b>FIELD OPERATIONS</b>				
Salaries and Wages	\$ 748,175	\$ 316,536	\$ 273,343	\$ 43,193
Special Pay	1,459	1,245	1,245	-
FICA Taxes	57,235	24,215	20,756	3,459
Pension Expense	89,780	37,984	31,061	6,923
Health Insurance	206,450	86,021	70,737	15,284
Workers Comp. Insurance	34,864	14,527	17,605	(3,078)
Water Quality Testing	1,000	417	-	417
Naturescape Irrigation Service	4,679	1,950	-	1,950
Telephone Expense	10,800	4,500	4,968	(468)
Electric Expense	114,735	47,806	28,750	19,056
Rent Expense	17,480	7,283	1,526	5,757
Rent Expense - SCADA	56,040	23,350	23,350	-
Insurance	22,206	9,252	6,521	2,731
Repairs and Maintenance	97,468	40,612	10,591	30,021
R&M Vehicles	20,000	8,333	14,637	(6,304)
R&M Generators	26,083	10,868	9,378	1,490
R&M Lift Stations	168,850	70,354	30,163	40,191
Meters	49,340	20,558	8,961	11,597
Office Supplies	1,680	700	274	426
Operating Supplies - General	61,295	25,540	28,363	(2,823)
Uniforms	5,820	2,425	1,918	507
Motor Fuels	28,580	11,908	7,905	4,003
Dues, Licenses, Schools & Permits (*)	13,296	5,658	5,658	-
Capital Outlay (*)	1,324,000	626,307	626,307	-
Renewal & Replacement (*)	-	-	-	-
<b>TOTAL FIELD OPERATIONS</b>	<b>\$ 3,161,315</b>	<b>\$ 1,398,349</b>	<b>\$ 1,224,017</b>	<b>\$ 174,332</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>\$ 14,496,024</b>	<b>\$ 6,469,035</b>	<b>\$ 5,633,069</b>	<b>\$ 835,966</b>

**CORAL SPRINGS IMPROVEMENT DISTRICT  
WATER & SEWER FUND  
Statement of Revenues, Expenses and Change in Net Assets  
For the Period Ending February 28, 2019**

	ADOPTED BUDGET FY 2018-2019	PRORATED BUDGET THRU 2/28/2019	ACTUAL 5 MONTHS ENDING 2/28/2019	VARIANCE FAVORABLE (UNFAVORABLE)
<b>RESERVES</b>				
Required Reserve for R & R	-	-	-	-
<b>TOTAL OPERATING EXP &amp; RESERVE</b>	<b>\$ 14,496,024</b>	<b>\$ 6,469,035</b>	<b>\$ 5,633,069</b>	<b>\$ 835,966</b>
<b>AVAILABLE FOR DEBT SERVICE</b>	<b>\$ 3,103,546</b>		<b>\$ 1,466,208</b>	
<b>DEBT SERVICE</b>				
<b>Principal</b>				
2016 Series	1,595,000	664,581	664,581	-
<b>Interest</b>				
2016 Series	1,226,405	511,005	511,005	-
<b>Total Debt Service</b>	<b>\$ 2,821,405</b>	<b>\$ 1,175,586</b>	<b>\$ 1,175,586</b>	<b>\$ -</b>
<b>Excess Revenues (Expenses)</b>	282,141		290,622	
<b>TOTAL DEBT SERV &amp; RESERVES</b>	<b>3,103,546</b>		<b>1,466,208</b>	
<b>Net Assets Beginning</b>			\$ 40,547,015	
<b>Net Assets Ending</b>			<b>\$ 40,837,637</b>	

(\*) Not prorated figures

**SUMMARY OF OPERATIONS  
& DEBT SERVICE COVERAGE**

	AMOUNT
<b>REVENUES</b>	<b>\$ 7,099,277</b>
<b>OPERATING EXPENDITURES</b>	
Operating Expenditures-Admin	728,031
Operating Expenditures-Plant	3,681,021
Operating Expenditures-Field	1,224,017
<b>TOTAL OPERATING EXPENDITURES</b>	<b>\$ 5,633,069</b>
Reserve Required for Future Debt Service	-
<b>TOTAL OPERATING EXPENDITURES &amp; RESERVES</b>	<b>\$ 5,633,069</b>
<b>AVAILABLE FOR DEBT SERVICE</b>	<b>\$ 1,466,208</b>
<b>LESS: DEBT SERVICE</b>	1,175,586
<b>EXCESS REVENUES (EXP)</b>	<b>\$ 290,622</b>
	<b>Debt Service Coverage</b>
	<b>1.25</b>

## CSID ASSESSMENT COLLECTIONS FY 2018-2019

REMAINING  
19%

% COLLECTED  
81%

BUDGET	% COLLECTED	REMAINING
100%	83%	17%
\$3,849,956	\$3,180,798	\$669,158

DATE	ASSESSMENTS COLLECTED (Net of all Commissions & Fees)
10/31/2018	\$ 0
11/30/2018	497,219
12/31/2018	2,544,812
1/31/2019	68,351
2/28/2019	70,415
<b>TOTALS</b>	<b>\$3,180,798</b>

**CORAL SPRINGS IMPROVEMENT DISTRICT**

CHECK REGISTERS

**FEBRUARY 2019**

<b>FUND</b>	<b>CHECK DATE</b>	<b>CHECK No.</b>	<b>AMOUNT</b>
General Fund	02/01/2019 thru 02/28/2019	#4853 - #4875	\$123,081.77
<b>Total</b>			<b>\$123,081.77</b>

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	#
2/07/19	00023			12000 SW 1ST ST PS 2 121 NW 93RD TER PS 1	FLORIDA POWER & LIGHT CO.		62.10	004853
2/07/19	00257			OUR LADY OF HEALTH 12/18	GLEN HANKS CONSULTING ENGINEERS		1,487.50	004854
2/07/19	00257			ATLANTIC CROSSINGS 12/18	GLEN HANKS CONSULTING ENGINEERS		218.75	004855
2/07/19	00257			BUTO RESIDENCE 12/2018	GLEN HANKS CONSULTING ENGINEERS		1,225.00	004856
2/07/19	00257			VERIZON 12/2018	GLEN HANKS CONSULTING ENGINEERS		962.50	004857
2/07/19	00257			ANIMAL HOSPITAL 12/2018	GLEN HANKS CONSULTING ENGINEERS		87.50	004858
2/07/19	00257			MISC SERVICES 12/2018	GLEN HANKS CONSULTING ENGINEERS		700.00	004859
2/07/19	00257			RECERTIFICATIONS 12/2018	GLEN HANKS CONSULTING ENGINEERS		1,443.75	004860
2/07/19	00146			WEEDAR 64	HELENA AGRI-ENTERPRISES, LLC		1,200.00	004861
2/07/19	00284			SUNSHINE 50% PINETREE 25% CSID-GF 25%	WASTE PRO-POMPANO		1,830.25	004862
2/07/19	01165			COPIER LEASE #7232 02/19 COPIER READS #7232 02/19	XEROX		16.61	004863
2/20/19	01151			PARK PROPERTY 02/2019	BECKER & POLIAKOFF, P.A.		797.39	004864
2/20/19	00234			SOD	CORAL SPRINGS NURSERY, INC.		252.50	004865
2/20/19	99999			VOID CHECK	*****INVALID VENDOR NUMBER*****		.00	004866
2/20/19	00051			UNIFORM RENTAL 01/19 GASOLINE-GAS 01/19 SPRINT 01/19 SAM'S CLUB-FIELD SUP01/19 AMEX-AX REPAIR-ICE MAKER AMEX-BESTBUY-IPAD 2 BOARD AMEX-BESTBUY-IPAD 1 BOARD FISH WINDOW CLEANING BACKFLOW RECERTIFICATION HOME DEPOT-GARAGE PANEL B HOME DEPOT-MISC SUPPLIES TELEPHONE 02/19 POSTAGE 02/19 PRINT & BINDING 02/19 RENT 02/19 TECHNOLOGY SHARING 02/19 OFFICE SUPPLIES 02/19 HEALTH INS...ADMIN 02/19 HEALTH INS...FIELD 02/19	CORAL SPRINGS IMPROVEMENT DIST WS		16,452.25	004867
2/20/19	00248			LEGAL SERVICES 01/2019	LEWIS, LONGMAN & WALKER, P.A.		4,857.19	004868

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CHECK DATE	VEND#	INVOICE DATE	NUMBER	YRMO	FND	DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
2/20/19	00157								MISC SUPPLIES	PEP BOYS		31.72	004869
2/20/19	00148								SAFETY SUPPLIES	RITZ SAFETY EQUIPMENT, LLC		59.50	004870
2/27/19	00080								AMT DUE WS 02/27/2019	CORAL SPRINGS IMPROVEMENT DIST WS		28,739.54	004871
2/27/19	00267								WA 143 CANAL BANK-DESIGN	GLOBALTECH, INC.		2,375.00	004872
2/27/19	00267								WA 148 CANAL BANK03 FEMA	GLOBALTECH, INC.		57,017.72	004873
2/27/19	00267								WA 153 HURRICANE ASSESS	GLOBALTECH, INC.		750.00	004874
2/27/19	00279								17 ITALIAN CYPRESS TREES	JLS TREE SERVICE		1,615.00	004875
TOTAL FOR BANK G											123,081.77		
TOTAL FOR REGISTER											123,081.77		

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**CORAL SPRINGS IMPROVEMENT DISTRICT**  
CHECK REGISTERS  
**FEBRUARY 2019**

<b>FUND</b>	<b>CHECK DATE</b>	<b>CHECK No.</b>	<b>AMOUNT</b>
Water and Sewer	02/01/2019 thru 02/28/2019	#26768 - #26902	\$573,713.54
<b>Total</b>			<b>\$573,713.54</b>

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
2/05/19	01630				OX AND AC CYLINDERS-OWN OX AND AC CYLINDERS-REFIL	AIRGAS USA, LLC		983.76	026768
2/05/19	00005				COT SOD HYPO 58% COT SOD HYPO 42%	ALLIED UNIVERSAL CORP.		2,142.41	026769
2/05/19	00694				TECH SUPP 12/26-01/25/19	ASSOCIATED SYSTEMS, INC.		1,372.50	026770
2/05/19	00352				UTILITY TAXES 01/2019	CITY OF CORAL SPRINGS		54,315.31	026771
2/05/19	01452				METER CALIBRATIONS VDC POWER SUPPLY-E PLANT	DELTA CONTROLS		1,515.00	026772
2/05/19	01612				310G BACK HOE-PARTS	(DOBBS EQUIP, LLC) POWERPLAN		342.69	026773
2/05/19	00999				PRE-EMPL.CK - WW	FEDERAL BACKGROUND SERVICES, INC		65.00	026774
2/05/19	00018				RING GASKET-ACID TANK	FEI-POMPANO BEACH, FL WW # 12\$		121.60	026775
2/05/19	01610				MISC SERVICES 12/2018	GLEN HANKS CONSULTING ENGINEERS		525.00	026776
2/05/19	01610				OUTBACK 12/2018	GLEN HANKS CONSULTING ENGINEERS		218.75	026777
2/05/19	01610				HARBOR INN 12/2018	GLEN HANKS CONSULTING ENGINEERS		262.50	026778
2/05/19	00179				FLUORIDE PROBE	HACH COMPANY		777.31	026779
2/05/19	01348				MIXING CHAMBER-PARTS	MKI SERVICES, INC		216.02	026780
2/05/19	01538				BACKFLOW RECERT MAINT 1" BACKFLOW RECERT WTP 2" BACKFLOW RECERT WTP 10" BACKFLOW RECERT WTP 4" BACKFLOW RECERT WTP 4" BACKFLOW RECERT WWTP 2" BACKFLOW RECERT WWTP 1.5" BACKFLOW RECERT WWTP 4" BACKFLOW RECERT. 2" GF	MOODY PLUMBING, INC.		550.00	026781
2/05/19	01602				FICA EXPENSE 01/2019	MUTUAL OF OMAHA COMPANIES		16.69	026782
2/05/19	01628				UNIT-039 REPAIRS	POPS GARAGE INC.		1,615.02	026783
2/05/19	00351				SAFETY SUPPLIES SAFETY SUPPLIES SAFETY SUPPLIES	RITZ SAFETY EQUIPMENT, LLC		179.03	026784
2/05/19	01175				UNIFORMS-WATER UNIFORMS-WW UNIFORMS-MAINT UNIFORMS-FIELD 01/30/19 UNIFORMS-GF 01/30/19	UNIFIRST CORPORATION		195.76	026785
2/05/19	01561				PRINCIPAL 2016 SER 02/19	US BANK		132,916.67	026786

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CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	#
2/05/19	01262		INTEREST 2016 SER 02/19	US BANK		102,200.42	026787	
2/05/19	01529		TRASH SERVICES-01/19	WASTE PRO-POMPANO		484.96	026788	
2/05/19	01264		ADMIN PHONE 02/19 FIELD PHONE 02/19	WINDSTREAM COMMUNICATIONS, LLC		169.06	026789	
2/05/19	01264		ADMIN PHONE 02/19 WASTE PHONE 02/19 FIELD PHONE 02/19	WINDSTREAM COMMUNICATIONS, LLC		223.99	026790	
2/05/19	01011		COPIER READS #7835P 01/19 COPIER LEASE #7835PT01/19 COPIER READS #7835PT01/19 COPIER READS #7535P 01/19	XEROX CORPORATION		205.75	026791	
2/07/19	88888		100754604 *CANION BRENDA	*BRENDA CANION		72.92	026792	
2/07/19	88888		708875104 FERRELL WILLIAM	WILLIAM/JANE FERRELL		135.75	026793	
2/07/19	88888		710003305 DUBRCW BRIAN	BRIAN DUBROW		86.93	026794	
2/07/19	88888		010457308 *SILVA CARLA	*CARLA SILVA		47.69	026795	
2/07/19	88888		510927111 *AMJAD MARYAM	*MARYAM AMJAD		54.35	026796	
2/07/19	88888		510927910 *CLEMONS CRYSTA	*CRYSTAL CLEMONS		61.93	026797	
2/07/19	88888		011638704 *FINE J MICHAEL	*MICHAEL J FINE		79.29	026798	
2/07/19	88888		440065705 *BHARATH ANDREW	*ANDREW BHARATH		15.39	026799	
2/07/19	88888		740133121 *STEPHENS HEATH	*HEATHER STEPHENS		23.86	026800	
2/07/19	88888		940552303 COFFMAN WILLIAM	WILLIAM COFFMAN		8.78	026801	
2/07/19	88888		040598109 RAVITZ BERNARD	BERNARD RAVITZ		38.07	026802	
2/07/19	88888		940829507 *GRAY KRISTINE	*KRISTINE GRAY		61.93	026803	
2/07/19	88888		350183907 BEYER ERIC	ERIC BEYER		38.07	026804	
2/07/19	88888		950523607 IH2 PROPERTY LL	IH2 PROPERTY LLC		100.00	026805	
2/07/19	88888		760092814 DOLAN PETER	PETER DOLAN		20.39	026806	
2/07/19	88888		060635811 DEVECCHIO RYAN	RYAN DEVECCHIO		168.65	026807	
2/07/19	88888		060674813 GILLIE YOSEF	GILLI YOSEF		61.93	026808	
2/07/19	88888		370020207 BFA ENTERPRISES	BFA ENTERPRISES LLC		61.93	026809	
2/07/19	88888		770035012 SHEIB SABRINA	SABRINA SHEIB		23.86	026810	

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CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
2/07/19	88888		070652312 CUMBERLAND LLC	CUMBERLAND LLC			276.93	026811
2/07/19	88888		970696902 BRUNO JOHN	JOHN BRUNO			51.27	026812
2/07/19	88888		980672702 KLEIN STAN	STAN KLEIN			70.52	026813
2/07/19	88888		180819605 *SCHIFFMAN CLIF	*CLIFFORD SCHIFFMAN			61.93	026814
2/07/19	88888		888009701 HIGH QUALITY UN	HIGH QUALITY UNDERGROUND SRV			91.45	026815
2/07/19	88888		090742305 MILLER LORI	LORI MILLER			123.07	026816
2/07/19	88888		790790702 DABELIC CLAUDIO	CLAUDIO/ANGIE DABELIC			38.07	026817
2/07/19	88888		090860904 *PERSTEN NEAL	*NEAL PERSTEN			60.20	026818
2/07/19	88888		890899409 *BAILEY MICHELL	*MICHELLE/CHRISQUILA BAILEY			61.93	026819
2/07/19	88888		890905908 IH2 PROPERTY	IH2 PROPERTY FL			100.00	026820
2/07/19	01311		50% DEPOSIT PICNIC 4/6/19	DD BAROB QUE CATERING			3,729.37	026821
2/07/19	00675		REIMB PERMIT FEE 19000713	DWIGGINS, CURTIS			63.13	026822
2/07/19	00023		ADMIN ELECTRIC 01/19 PLT-WATER ELECTRIC 01/19 PLT-WASTE ELECTRIC 01/19 FIELD ELECTRIC 01/19	FLORIDA POWER & LIGHT CO.			59,198.89	026823
2/07/19	01397		A-LICENSE-AFZAL H.	HOSEIN, AFZAL			100.00	026824
2/07/19	01329		IRA-02/05/19 PLAN 705880	VANTAGEPOINT TRANSFER AGENTS-705880			765.00	026825
2/07/19	01341		LS 2-PROJECT 1	LMK PIPE RENEWAL LLC			40,968.00	026826
2/07/19	01419		REIMB TO \$7,000 01/31/19	POSTMASTER			2,503.09	026827
2/07/19	01416		UTIL STMTS 01/2019 ADD'L METERED POSTAGE	PRIDE ENTERPRISES			1,048.55	026828
2/07/19	99999		VOID CHECK	*****INVALID VENDOR NUMBER*****			.00	026829
2/07/19	00425		ADMIN-COFFEE SUPP 01/19 ADMIN-BOARD MTG ADMIN-MEMBERSHIP WATER-COFFEE/GATORADE WATER-CLEANING SUPP WW-COFFEE/GATORADE WW-CLEANING SUPP MAINT-COFFEE/GATORADE MAINT.CLEANING SUPP FIELD-COFFEE/GATORADE FIELD-CLEANING SUPP					

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CHECK VEND# ..... INVOICE ..... 0... EXPENSED TO...  
 DATE DATE NUMBER YRMO FND DPT ACCT# SUB VENDOR NAME STATUS AMOUNT

2/07/19 01564 FIELD-GF-CLEANING SUPP 413.88 026830  
 FIELD-GF-COFFEE/GATORADE  
 FIELD-PT-COFFEE SUPP  
 FIELD-PT-CLEANING SUPP  
 FIELD-SS-COFFEE SUPP  
 FIELD-SS-CLEANING SUPP SAM'S CLUB/SYNCHRONY BANK  
 LEVY LOANS PER 02-07-2019 US DEPARTMENT OF EDUCATION AWG 225.54 026831  
 VOID CHECK \*\*\*\*\*INVALID VENDOR NUMBER\*\*\*\*\* .00 026832

2/11/19 99999 EMERGENCY LIGHTS-SUPPLIES  
 EMERGENCY LIGHTS-RETURN  
 EMERGENCY LIGHTS-SUPPLIES  
 SURGE TANK LIGHTS  
 SWALE REPAIRS-PARTS  
 PARTS  
 HEADWORKS-PARTS  
 MW SUPPLIES  
 BULBS  
 CHLORINATING LIQ-RETURN  
 MURIATIC ACID  
 CHLORINATING LIQUID  
 DEEPWELL-PAINT  
 WATER BREAK TOOLS/PARTS  
 GARAGE PANEL B-PARTS  
 MISC SUPPLIES  
 MISC SUPPLIES  
 HYDRANT SUPPLIES  
 CONCRETE  
 MISC SUPPLIES HOME DEPT 1,057.64 026833

2/12/19 01135 WELL 6-VFD ADS ENGINEERING, PLLC 2,000.00 026834  
 2/12/19 00822 AFLAC-W/H 02/19 AFLAC 2,870.06 026835  
 AFLAC-PTREE 02/19

2/12/19 01373 ADMIN DENTAL 03/19 AMERITAS LIFE INSURANCE CORP-DENTAL 4,762.36 026836  
 WATER DENTAL 03/19  
 MAINT DENTAL 03/19  
 FIELD DENTAL 03/19  
 DENTAL..CSID-GF 03/19  
 DENTAL..PINETREE 03/19  
 ADMIN VISION 03/19  
 WATER VISION 03/19  
 MW VISION 03/19  
 MAINT VISION 03/19  
 FIELD VISION 03/19  
 VISION..CSID-GF 03/19  
 VISION..PINETREE 03/19 AMERITAS LIFE INSURANCE CORP-VISION 963.56 026837

2/12/19 01626 ICE MACHINE-REPAIRS AX REPAIR INC. 45.00 026838  
 2/12/19 01578 INTERNET CONNECTION 02/19 BLUE STREAM 169.80 026839  
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CHECK DATE	VEND#	INVOICE DATE	Q	EXPENSED TO YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	#
2/12/19	01256				SOD CORAL SPRINGS NURSERY, INC.		205.35	026840	
2/12/19	01327				RENTAL-CENTRAL 2-2019 RENTAL LS 2-2019 DATA FLOW SYSTEMS,INC		4,070.00	026841	
2/12/19	01452				MONITORING WELL 3-LABOR DELTA CONTROLS		120.00	026842	
2/12/19	00017				O/N SERVICE-ATLANTIC CROS FEDEX		37.30	026843	
2/12/19	01007				AD-TECHICIAN-WATER AD-TECHICIAN-WW FLORIDA WATER RESOURCES JOURNAL		1,520.00	026844	
2/12/19	01018				MEMBERSHIP-PEDRO FRED PRYOR SEMINARS		50.00	026845	
2/12/19	00063				ALL LIFT STATIONS-PARTS GRAINGER, INC.		70.56	026846	
2/12/19	00377				JOHN DEERE-BATTERY GREEN THUMB LAWN & GARDEN LLC		70.88	026847	
2/12/19	00179				PH SENSOR FREIGHT HACH COMPANY		1,208.48	026848	
2/12/19	01515				ASPHALT HARDRIVES ASPHALT COMPANY		493.75	026849	
2/12/19	01535				ANTISCALANT FLUORIDE AMMONIUM HAWKINS, INC.		5,995.00	026850	
2/12/19	01506				BLOWER 1-BALL BEARINGS KAMAN INDUSTRIAL TECHNOLOGIES CORP.		214.32	026851	
2/12/19	01345				PVC PIPE INVENTORY LEHMAN PIPE & SUPPLY, INC.		114.11	026852	
2/12/19	01051				BULBS-WW OFFICE LIGHT BULBS UNLIMITED		59.96	026853	
2/12/19	00045				UNIT=047 WIPERS & MISC PEP BOYS		20.65	026854	
2/12/19	01410				METER REPLACEMENT SHIPPING RG3 METER COMPANY		4,022.49	026855	
2/12/19	01175				UNIFORMS-WATER UNIFORMS-WW UNIFORMS-MAINT UNIFORMS-FIELD UNIFORMS-GF 02/06/19 UNIFIRST CORPORATION		195.25	026856	
2/12/19	01264				ADMIN PHONE 02/19 FIELD PHONE 02/19 WINDSTREAM COMMUNICATIONS, LLC		700.56	026857	
2/12/19	01264				FRONT GATE PHONE 02/2019 WINDSTREAM COMMUNICATIONS, LLC		77.07	026858	
2/20/19	00169				WELL MAINT-WELLS 4-10 WELL MAINT-WELLS 4-10 AQUIFER MAINT & PERFORMANCE SYSTEMS		7,066.25	026859	
2/20/19	01389				ELEC PERMIT APP.-LS #5 CEEBEE ELECTRICAL SERVICES, INC.		200.00	026860	

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CHECK# VENDOR# INVOICE# DATE NUMBER YRMO FND DPT ACCT# SUB

DATE DATE DATE

2/20/19 00018 PARTS-ALL BREAKS

2/20/19 00063 TRAILER HITCH

2/20/19 01535 MONITORING WELL 3-PARTS

2/20/19 01329 SULFURIC ACID

2/20/19 01093 IRA-02/19/19 PLAN 705880

2/20/19 01345 MONTHLY MAINT-FEB

2/20/19 01302 CIP-DRAIN PARTS

2/20/19 01150 LEGAL SERVICES 01/2019

2/20/19 01406 MISC OFFICE SUPPLIES-UB

2/20/19 00045 MOHAWK, LOCATING TOOL-RET

2/20/19 00045 DATA FLOW-SHIPED

2/20/19 00880 PORTABLE GEN-13 BATTERY

2/20/19 01628 PORTABLE GEN 13-BATT, CORE

2/20/19 00351 POLYMER/ROTOGUARD

2/20/19 00351 UNIT=045 REPAIR BRAKES

2/20/19 01571 UNIT=028 REPAIRS

2/20/19 00155 POPS GARAGE INC.

2/20/19 00155 RITZ SAFETY EQUIPMENT, LLC

2/20/19 00155 SAMCO PEST SOLUTIONS

2/20/19 00155 ADMIN SPRINT 02/19

2/20/19 00155 PLANT-WATER SPRINT 02/19

2/20/19 00155 PLANT-WASTE SPRINT 02/19

2/20/19 00155 PLANT-MAINT SPRINT 02/19

2/20/19 00155 FIELD SPRINT 02/19

2/20/19 00155 SPRINT 02/19 DUE SUNSHINE

2/20/19 00155 SPRINT 02/19 DUE CSID GF

2/20/19 00155 SPRINT

2/20/19 00155 LOCATE TICKETS-1-2019

2/20/19 00155 SUNSHINE STATE ONE CALL OF FLA.

2/20/19 00155 UNIFORMS-WATER

2/20/19 00155 UNIFORMS-WM

2/20/19 00155 UNIFORMS-MAINT

2/20/19 00155 UNIFORMS-FIELD

CSID \*\*\*\*\*-CSID---- MARTHAR



CHECK DATE	VEND#	INVOICE DATE	NUMBER	YRMO	FND	DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
2/20/19	01564			02/13/19					UNIFORMS-GF			195.25	026877
2/20/19	00441			02-21-2019					LEVY LOANS PER			225.54	026878
2/20/19	01318								LAB CHEMICALS LAB CHEMICALS LAB CHEMICALS FREIGHT			1,004.68	026879
2/25/19	01387								USA BLUEBOOK			15,017.85	026880
2/25/19	00005								PARTS-ALL LIFT STATIONS			1,090.79	026881
2/25/19	01227								GOLF CART-REPAIRS GOLF CART-REPAIRS			2,505.44	026882
2/25/19	01354								COT SOD HYPO 58% COT SOD HYPO 42%			280.00	026883
2/25/19	01089								ALLIED UNIVERSAL CORP.			838.70	026884
2/25/19	01256								SERVICE CALL-CAT 5			69.07	026885
2/25/19	01612								AMC SURVEILLANCE CAMERAS			555.00	026886
2/25/19	00018								GAP INS-PTREE 02/07/2019 GAP INS-W/H 02/07019 GAP INS-PTREE 02/21/2019 GAP INS-W/H 02/21/2019 GAP INS-BOARD 02/28/2019			187.47	026887
2/25/19	01423								AMERICAN PUBLIC LIFE INSURANCE			392.10	026888
2/25/19	00063								PLANT PHONE WATER 02/2019			59,957.18	026889
2/25/19	00031								AT & T			595.33	026890
2/25/19	00377								SOD SOD			532.45	026891
2/25/19	01535								CORAL SPRINGS NURSERY, INC.			21.02	026892
2/25/19	01507								(DOBBS EQUIP, LLC) POWERPLAN			1,911.25	026893
									RESTOCKING PARTS				
									FEI-POMPANO BEACH, FL WW0# 125				
									ADMIN HLTH INS 03/19 WATER HLTH INS 03/19 WW HLTH INS 03/19 MAINT HLTH INS 03/19 FIELD HLTH INS 03/19 ADMIN HLTH INS-GF 03/19 FIELD HTH INS-GF 03/19 DUE FROM SHANK 03/19 DUE FROM PTREE 03/19				
									FLORIDA BLUE				
									GRAINGER, INC.				
									GRAYBAR ELECTRIC CO.				
									GREEN THUMB LAWN & GARDEN LLC				
									HAWKINS, INC.				
									AEROSOL CAN PICK UP				

CSID -----CSID---- MARTHAR

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
2/25/19	01486		OIL PICK UP	HERITAGE CRYSTAL CLEAN LLC			547.10	026894
2/25/19	01051		UNLEADED GAS	LANK OIL COMPANY			3,819.58	026895
2/25/19	01231		BULBS-SOUTH BLWR BLDG	LIGHT BULBS UNLIMITED			298.00	026896
			ADMIN LIFE INS 03/19					
			WATER LIFE INS 03/19					
			WW LIFE INS 03/19					
			MAINT LIFE INS 03/19					
			FIELD LIFE INS 03/19					
			LIFE INS W/H WS 03/19					
			LIFE INS W/H GF 03/19					
			LIFE INS CSID-GF.ER 03/19					
			LIFE INS PINETREE-ER03/19					
			LIFE INS PINETREE-EE03/19	MUTUAL OF OMAHA			\$,310.79	026897
2/25/19	01628		UNIT=014 REPAIRS	POPS GARAGE INC.			241.00	026898
2/25/19	00149		PADLOCKS-ALL LIFT STATION	RICHARD'S LOCKSMITH & SAFES			183.86	026899
2/25/19	01253		REIMB. DW "A" LICENSE	STEPHENS, JOSEPH			75.00	026900
2/25/19	01175		UNIFORMS-WATER					
			UNIFORMS-WW					
			UNIFORMS-MAINT					
			UNIFORMS-FIELD					
			UNIFORMS-GF 02/20/19	UNIFIRST CORPORATION			194.74	026901
2/25/19	00441		LIFTING STRAPS					
			FREIGHT	USA BLUEBOOK			143.64	026902
						TOTAL FOR BANK H	573,713.54	
						TOTAL FOR REGISTER	573,713.54	

CSID - - - - CSID - - - - MARTHAR

# **Fifth Order of Business**



March 4, 2019

Coral Springs Improvement District  
10300 NW 11<sup>th</sup> Manor  
Coral Springs, FL 33071  
Attn: Joe Stevens

**Re: MARTIN COUNTY UTILITIES  
CONTRACT #RFB-2017-2969**

Aquifer Maintenance & Performance Systems, Inc. (AMPS, Inc.) agrees to allow the Coral Springs Improvement District to piggyback our existing contract with Martin County Utilities (contract RFB#2017-2969) with the same terms, conditions, specifications & pricing. The scope of work includes but is not limited to:

\*Line items 1 through 28, the complete contract as needed

\*Monthly monitoring: Contractor shall monitor/test each well monthly & submit a report to the client representative

\*Recommended monthly chemical injections on an as needed basis to maintain optimum performance & quality. Wells will be determined from the monitoring, the wells will set for 24 hours and then be flushed

\*AMPS will guarantee that actual well performance will be maintained at no less than 80% of rehabilitated specific capacity on the Coral Springs Improvement District wellfield. 2 additional injections will be performed and, if no change, a rehabilitation will be performed at 1/2 price.

The above is agreeable to both Aquifer Maintenance & Performance Systems, Inc. & Coral Springs Improvement District.

By:   
\_\_\_\_\_  
Jim Murray, President  
AMPS, Inc.

\_\_\_\_\_  
Coral Springs Improvement District

Date: 3-4-19

Date: \_\_\_\_\_

# QUOTATION



**AQUIFER MAINTENANCE & PERFORMANCE SYSTEMS, INC.**

7146 Haverhill Road N. • West Palm Beach, FL 33407 • 561-494-2844

March 4, 2019

Coral Springs Improvement District  
10300 N.W. 11<sup>th</sup> Manor  
Coral Springs, FL 33071  
Attn: Joe Stephens

Re: WELL #5

AMPS, Inc. appreciates the opportunity to submit the following proposal for your review:

1) Mobilize equipment to site, demobilize & restore site upon completion	\$ 500.00
2) Pull existing pump, motor & equipment from well	950.00
3) Setup & perform dynamic downhole video survey on well	1,800.00
4) Reinstall pump, motor & equipment & mechanically hookup	950.00
5) Disinfect well per AWWA regulations	500.00
6) Neutralize & flush well; turn back over to CSID	170.00

TOTAL: \$ 4,870.00

If you have any questions about the above information please don't hesitate to call. Thank you.

Sincerely,

*Jim Murray*

Jim Murray  
President

**FOR YOUR TOTAL PUMP & WELL FIELD NEEDS  
ABOVE QUOTATION GOOD FOR 30 DAYS.**

## **Sixth Order of Business**

**6A.**

## **WORK AUTHORIZATION**

CSID WA #137  
Globaltech No. 151068

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 design-build services related to the Improvements to High Service Pumps 1 & 2 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 shall provide the following services in accordance with the AGREEMENT:

The OWNER currently has two ITT 8x6x12XL horizontal split case centrifugal high service pumps (HSPs) in operation acting as HSP 1 & HSP 2. Both pumps are installed in the west side of the HSP building. The pumps account for a large portion of the HSP system runtime and have seen a degradation in performance due to age and increasing demand from the distribution system. They can no longer provide sufficient pressure head to meet the required system pressure at their



design flow rate. The pumps shall be rebuilt in succession with each other as these pumps are an integral part of the water distribution system and their simultaneous removal would cause operational complications.

In addition, the butterfly valves associated with HSP 1 & 2 are no longer capable of isolating the HSPs from the distribution system. Each pump has two (2) 10" flanged butterfly valves on the intake and two (2) 8" flanged butterfly valves on the discharge lines. These valves will be replaced in-kind under this work authorization for a total of eight (8) new valves.

Hudson Pump & Equipment of Miami, FL, will be subcontracted by the FIRM to perform site pickup, transport and rebuilding of each pump, furnishing of new rotating assemblies, and realignment of the pump shafts. The FIRM shall also be self-performing additional services listed herein.

### **Task 1 – High Service Pump 1 & 2 Improvements**

The following services will be performed:

High Service Pumps 1 & 2. Scope items below refer to each pump:

- The OWNER shall lock out and tag the appropriate equipment while the work is being performed. Motors shall remain in place and power shall be provided while pump rebuild is occurring in order to keep the motor heaters energized.
- The OWNER is to isolate and drain intake and discharge piping to the extent possible to allow for valve and pump replacement.
- The FIRM shall isolate and remove piping as required to remove the pump assembly (pump frame and electric motor shall remain). Unbolt and remove existing pump from frame. Uncouple pump from motor shaft and remove from base using a hoist. Visually examine the condition of the frame, fasteners, and shaft coupling. Temporarily remove 10x8" concentric reducer on pump intake.

- Provide and install one 10” blind flange on the intake manifold and one 8” blind flange on the discharge manifold with new flange bolts and gaskets.
- Crate and store the pump in the west portion of the HSP building and prepare for pickup by Hudson.
- Hudson shall perform pick up and transport the pump for disassembly, sandblasting, machine finishing of volute seal faces, balancing of new rotating assembly, impeller trimming, painting, and reassembly. Further inspection and evaluation of sleeves, and volute wear rings, packing, stuffing box, gland follower and bolts, bearings, coupling, and casing shall be performed by Hudson. Hudson shall prepare a brief report with findings and recommendations for repairs complete with estimate of cost and an estimate of repair time. A preliminary estimate of pump parts and labor costs are included in Attachment A “Budget Summary”. The Owner shall provide a decision whether to proceed with the repairs within one week of receiving the report and estimate.
- Upon delivery of the pump from Hudson, the FIRM shall remove the blind flanges from the intake and discharge manifolds, reinstall the pump on the concrete base, and reconnect the intake and discharge manifolds to the pump. Pump laser alignment and motor shaft coupling connection reinstall shall be performed by Hudson.
- The FIRM shall provide startup services and tuning as needed, with Hudson present on site, to integrate the HSP back into service.
- The above work scope is identical for each pump being rebuilt and shall be sequential so that at least one of the two pumps is available for service during pump rebuilding.

Before beginning work a schedule shall be prepared which includes engineering, procurement, and sequencing and construction phases of the work for OWNER information and approval.

## **Assumptions**

Assumptions for the project are as follows:

- OWNER's staff to provide existing drawings and submittal data on existing equipment where available.
- Work on HSP 1 and HSP 2 shall be performed sequentially.
- OWNER to provide a decision on how to proceed with pump repairs within one week of receipt.
- Building permits are not required for work as this is considered maintenance on existing equipment.
- Electrical connections shall be disconnected and reconnected by the OWNER.
- A Porto let sanitary toilet for use by FIRM will be provided.
- Existing air release valves are in working condition and shall be reused.
- OWNER is to drain and isolate piping to the extent possible to allow for completion of work.
- A dumpster is not necessary to complete work.

## **Section 3 – Location**

The services to be performed by the FIRM shall be on the following site or sites: **High Service Pump Building of the Water Treatment Plant**

## **Section 4 – Deliverables**

The FIRM will provide the following Deliverables to OWNER:

- Submittals for pump modifications including pump curves.
- Proposed improvements to HSP 1 & 2.
- Operation manuals for valves and pumps.

## **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
Procure Replacement Valves	4 weeks after NTP
Isolate and remove HSP 1	4 weeks after NTP
Install isolation valves on HSP 1	11 weeks after NTP
Perform modifications to HSP 1	12 weeks after NTP
Reinstall and align HSP 1	14 weeks after NTP
Isolate and remove HSP 2	15 weeks after NTP
Install isolation valves on HSP 2	22 weeks after NTP
Perform modifications to HSP 2	23 weeks after NTP
Reinstall and align HSP 2	25 weeks after NTP
Site Restoration and demobilization	26 weeks after NTP

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

1. The FIRM shall be paid by the OWNER in accordance with the Florida 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: **\$89,120.00**. Price includes an allowance of \$5,000.00.
3. On the terms contained in the FIRM's said proposal for the doing of said work and the said award therefore, and the specifications herein specifically referred to and made a part of this contract.
4. 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.
5. 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.

2. The Application for Progress Payment shall identify the amount of the FIRM Total Earnings to Date based upon value of original contract Work performed to date as approved by fully executed Change Orders.
3. Payment shall be based upon percentage of work completed based upon the approved schedule of values. Retainage in the amount of 10% will be withheld on the calculated value of any work, with the exception of stored materials which may be paid at the supplier's invoiced cost. At FIRM's request, after 50% completion of the work has been achieved, the OWNER will implement a reduction in retainage to 5% of all future pay requests. If retainage is reduced, FIRM may not withhold more than 5% retainage from subcontractors or suppliers and will be required to certify compliance with F.S. 218.70 *et seq* on each subsequent pay application. Notwithstanding the foregoing, in no instance can the amount retained be less than the value of OWNER's good faith claims plus the value of the work the OWNER determines remains to be put in place or required to be performed as remedial activities. For the purposes of this section, 50% completion shall be that point in time when OWNER determines that half of the Work required by the Contract has been completed. In no event shall the Work be determined to be 50% completed before the OWNER has paid 50% of the Contract amount and 50% of the Contract time has expired. The amount of previous Pay Estimate payments shall then be subtracted to equal the Balance Due during the Pay Estimate period.
4. When the OWNER determines the Work to be Substantially Complete, the OWNER may reduce the retainage to five percent (5%) of the dollar value of all Work satisfactorily completed to date, provided that the FIRM is making satisfactory progress toward Final Completion of the Work, that in the opinion of both the Engineer and the OWNER there is no specific cause for a greater retainage, and the FIRM obtains the written consent of the Surety Companies furnishing the required Public Construction Bond on consent

forms provided by the OWNER. The OWNER may reinstate the retainage up to ten percent (10%) if the OWNER determines, at its discretion or the Engineer's discretion, that the FIRM is not making satisfactory progress toward final completion of the Work or where there is other specific cause for such withholding.

5. Partial payment may be made for the delivered cost of stored materials planned for incorporation into the Work, provided such materials meet the requirements of this Contract, the Contract Drawings, and the Specifications, and are delivered and suitably stored at the project site, or at another location acceptable to the OWNER. Such material must be stored in a secure manor acceptable to the OWNER, and in accordance with the manufacturer's recommendations.
6. The delivered cost of such stored or stockpiled materials may be included in any subsequent application for payment provided the FIRM meets the following conditions:
  - a. An applicable purchase order or supplier's invoice is provided listing the materials in detail, the cost of each item, and identifies this specific contract by name.
  - b. The materials are fully insured against loss or damage (from whatever source) or disappearance prior to incorporation into the Work.
  - c. Stored materials approved for payment by the OWNER shall not be removed from the designated storage area except for incorporation into the Work.
  - d. Evidence that the FIRM has verified quantity and quality of the materials delivered (verified packing list).
7. It is further agreed between the parties that the transfer of title and the OWNER's payment for any stored or stockpiled materials pursuant to these General Conditions, and any applicable provisions of the Supplementary General Conditions, shall in no way relieve the FIRM of the responsibility of ensuring the correctness of those materials and for furnishing and placing such materials in accordance with the

requirements of this Contract, the Contract Drawings, the Technical Specifications, and any approved changes thereto.

8. The following monthly Application for Progress Payment shall be accompanied by Bills of Sale, copies of paid invoices, releases of lien, or other documentation warranting that the FIRM has received the stored materials and equipment free and clear of all liens, charges, security interests, and encumbrances (which are hereinafter in these General Conditions referred to as "Liens") and evidence that the stored materials and equipment are covered by appropriate property insurance and other arrangements to protect the OWNER's interest therein, all of which shall be satisfactory to the OWNER.
9. The FIRM shall warrant and guarantee that title to all Work, materials, and equipment covered by an Application for Progress Payment, whether incorporated in the Work or not, will pass to the OWNER no later than the time of Final Payment free and clear of all liens or other encumbrances.
10. The Engineer shall, within ten (10) days after receipt of each Application for Progress Payment, either indicate in writing a recommendation of payment and present the Application to the OWNER, or return the Application to the FIRM indicating in writing the Engineer's reasons for refusing to recommend payment. In the latter case, the FIRM may make the necessary corrections and resubmit the Application. Twenty (20) days after presentation of the application for progress payment to the OWNER with the Engineer's recommendation, the amount approved will (subject to the provisions of the following Paragraph) become due and when due will be paid by the OWNER to the FIRM.

In the event any dispute with respect to any payment or pay request cannot be resolved between the Contractor and Owner's project staff, Contractor may, in accordance with the alternative dispute resolution requirements of Florida Statute section 218.72, *et seq*, demand in writing a meeting with and review by the OWNER'S (agency) director. In the



absence of the agency director,, a deputy director may conduct the meeting and review. Such meeting and review shall occur within ten (10) business days of receipt by OWNER of FIRM's written demand. The OWNER's manager, shall issue a written decision on the dispute within ten (10) business days of such meeting. This decision shall be deemed the OWNER's final decision for the purposes of the Local Government Prompt Payment Act.

11. The OWNER may refuse to make payment of the full amount recommended by the Engineer because claims have been made against the OWNER on account of the FIRM's performance of the Work, or because Liens have been filed in connection with the Work, or there are other items entitling the OWNER to a credit against the amount recommended, but the OWNER must give the FIRM written notice within twenty (20) business days after the date on which the invoice is stamped as received (with a copy to the Engineer) which specifies the invoice deficiency and any action necessary to make the invoice complete and proper.

## **Section 8 – Responsibilities**

The FIRM shall, under no circumstance, look to the OWNER to provide any labor or equipment for the FIRM not specifically identified in this Work Authorization. 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 Joe Stephens 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 Paul Gandy 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 twelve (12) 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 Palm Beach

**ENGINEER**

Globaltech, Inc.  
Company

The foregoing instrument was acknowledged before me on this

\_\_\_\_ day of \_\_\_\_\_, 2019 by

\_\_\_\_\_  
Signature

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

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

March 18, 2019

\_\_\_\_\_  
Date

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

**Attachment A**  
**Budget Summary**

Coral Springs Improvement Dist  
151068 CSID High Service Pump 1 & 2 Repl.

Assembly#	Part#	Description	Unit	Quantity	Ext. Price
<b>Job: 151068 CSID High Service Pump 1 &amp; 2 Repl.</b>					
<b>Bid Item: 1 General Conditions</b>					
		Purchasing & Subcontracts	HR	8.00	738.78
		Progress Meeting	HR	6.00	684.34
		Scheduling Labor	HR	4.00	369.39
		Submittal Labor	HR	8.00	738.78
		O&M	HR	4.00	369.39
		Construction PM	HR	20.00	1,846.94
		Construction Superintendent	HR	20.00	1,614.39
		Office Admin	HR	20.00	1,010.52
				<b>Bid Item Totals:</b>	<b>7,372.53</b>
<b>Bid Item: 40 Process Interconnections</b>					
		HSP 1 & 2 Repair	LOT	1.00	40,306.26
		Valves (4each 8" BFV's, 4each 10" BFV's)	LOT	1.00	11,074.50
		Flange Kits & Misc Materials	LOT	1.00	3,076.25
		DI Fittings (Blind Flanges)	LOT	1.00	614.83
<b>HSP 1 Improvements &amp; Valve Replacement</b>					
		Uncouple Pump from Motor & Remove from Frame	CR-D	0.50	757.54
		Remove Exist. Fittings, Install Temp. Supports&Blind Flanges	CR-D	0.50	757.54
		Replace Existing Valves (2each 10" & 2 each 8")	CR-D	1.00	1,515.08
		Removal of Blind Flanges & ReInstall Repaired HSP1	CR-D	1.00	1,515.08
		Start up Crew	CR-D	1.00	1,250.97
<b>HSP 2 Improvements &amp; Valve Replacement</b>					
		Uncouple Pump from Motor & Remove from Frame	CR-D	0.50	757.54
		Remove Exist. Fittings, Install Temp. Supports&Blind Flanges	CR-D	0.50	757.54
		Replace Existing Valves (2each 10" & 2 each 8")	CR-D	1.00	1,515.08

Takeoff Worksheet

03/07/19

Continued...

Assembly#	Part# Description	Unit	Quantity	Ext. Price
	Removal of Blind Flanges & Reinstall Repaired HSP1	CR-D	1.00	1,515.08
	Start up Crew	CR-D	1.00	1,250.97
			<b>Bid Item Totals:</b>	<b>66,664.26</b>
<b>Bid Item:</b>	<b>41 Material Processing &amp; Handling Equip</b>			
	Misc Tools & Equipment	LOT	1.00	1,844.67
	Safety	HR	4.00	369.39
	Safety Equipment	LOT	1.00	369.15
			<b>Bid Item Totals:</b>	<b>2,583.21</b>
<b>Bid Item:</b>	<b>100 Engineering</b>			
	Engineering	LOT	1.00	7,500.00
			<b>Bid Item Totals:</b>	<b>7,500.00</b>
<b>Bid Item:</b>	<b>101 Allowance</b>			
	Allowance	LOT	1.00	5,000.00
			<b>Bid Item Totals:</b>	<b>5,000.00</b>
			<b>Grand Totals:</b>	<b>89,120.00</b>

**6B.**

**WORK AUTHORIZATION 158**

NO. GT-151131

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, executed this \_\_\_\_\_ day of \_\_\_\_\_ 2019, 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 design-build services related to FY 2019 GST Repair & Improvements, 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 OWNER maintains three ground storage tanks as part of the potable water distribution system. The tanks are located at the water treatment plant and are 0.75 million gallons (MG), 1.0 MG and 4.0 MG in capacity. Under a previous WA-146, improvements were performed to the 0.75 MG and 1 MG tank piping and concrete in accordance with the hydraulic study performed by the FIRM under WA-138 and as identified in the 2017 dive inspection performed by Underwater Solutions. This WA-158 implements improvements to the 4.0 MGT (million-gallon tank).

**Task 1 - Project Coordination/Review**

The FIRM will meet and coordinate with the OWNER via a site visit to collect all data and operation schedules for the 4 MGT.



## **Task 2 - Engineering and Project Management**

FIRM shall perform the following:

1. Prepare shut down plan for the 4 MGT and logistics for subcontractor work.
2. Prepare subcontracts for tank repair.
3. Prepare necessary submittals to OWNER for crack repair epoxy and internal piping modifications.
4. Provide periodic inspections to confirm that field improvements are being performed in accordance with remediation plan.
5. Schedule and conduct meetings, inspections, and testing with OWNER's staff, as needed.
6. Provide notification to regulatory agencies as needed.

## **Task 3 - Construction of Improvements**

The repair work will be subcontracted to Crom Coatings and Restorations, Inc. (Subcontractor). The OWNER desires to minimize tank shutdown time. In order to achieve this, the firm has reached out to Subcontractor to coordinate an option to apply a fast curing Aquatoxy A-6, an NSF-61 coating by Tnemec, on the existing ductile iron pipe and manway frame. Pressure washing of the tank walls is projected to take 3 days. Pressure washing and epoxy injection can be performed coincidentally, however, more crew personnel is required in order to expediate the repairs. Repair and improvements are anticipated to last a total of 9 days using this fast cure coating.

The following work is proposed for the construction of this project:

- The OWNER shall drain and isolate the 4.0 MG GST for the repair and modification activities to be performed by Subcontractor.
- Once the 4.0 MG tank has been prepared for improvements, Subcontractor shall proceed to perform the following work to the tank:
  - Stripe coat small cracks
  - Epoxy inject larger cracks
  - Clean and coat manhole frame
  - Clean and coat interior piping
  - Replace the existing aluminum manway cover with 316SS.
  - Pressure wash tank interior to remove lime scale and expose areas of potential spall

- Disinfect the tank
- Subcontractor shall also be installing safety handrails and harness tie-off points to all three tanks (0.75MG, 1MG, 4MG) under this work authorization.

Following the completion of work by FIRM, OWNER shall collect necessary bacteriological samples. Once cleared, the tank may be returned to service.

### **Assumptions**

Assumptions for the project are as follows:

- OWNER's staff to provide existing drawings where available.
- All products used during the repair activities shall be NSF approved for use on potable water systems
- Work by Subcontractor was based on visual inspection. Quantities of repair may vary. If more significant repair work is needed, FIRM is to notify OWNER immediately. Any additional work is to be approved by OWNER.
- A continuous supply of potable water under minimum distribution system pressure shall be available for CROM crew within 100 ft of the site.
- Tanks shall be drained by OWNER prior to work start.
- A disposal container for generated waste during the improvements (if needed) shall be provided by FIRM.
- Temporary sanitary facilities for FIRM's and Subcontractor's employees will be provided by FIRM.
- Complete lock out and tag out of the subject tank prior to personnel entering the tank by OWNER. FIRM will verify isolation prior to beginning work.
- Building permits are not required for work as this is considered maintenance on existing equipment.
- Subcontractor shall cleanup within and around the tanks from the result of work performed. Overall cleaning of the exterior of the tanks is not included in this cope of Work.
- OWNER shall provide check for permitting fees (if required). Check shall be provided within one week of request by FIRM and be independent of Work Authorization budget.
- A \$5,000 construction allowance is included in this work authorization. The allowance will only be accessed under the OWNER's authority. Any unused

allowance will be returned to OWNER at the end of the project.

**Section 3 - Location**

The services to be performed by the FIRM shall be on the following site or sites:

Water Treatment Plant

**Section 4 - Project Reference**

The OWNER desired services to be performed by the FIRM shall be referred to as the FY2019 Ground Storage Tank Repair and Improvements project.

**Section 5 - Deliverables**

The FIRM will provide the following Deliverables to OWNER:

- Submittals for epoxy (used for crack repair) and any piping proposed to be used on the interior of the tanks.
- Proposed interior piping modifications with materials, dimensions and elevations.
- Completed improvements.

**Section 6 - Time of Performance**

Project will commence after execution of this Work Authorization and a Notice to Proceed is issued by OWNER. 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
Procure Materials	30 Days following issuance NTP
Mobilization to Site	60 Days following NTP
Conduct Improvements to 4.0 MG GST	70 Days following NTP (Tank will be returned to service following completion of this task).
Installation of safety equipment on GSTs	84 Days following NTP
Site Cleanup and De-mobilization	90 Days following NTP
Submission of closeout documents	30 days after completion of field activities

## **Section 7 - 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: **\$85,949.00**. Price includes an allowance of \$5,000. Breakdown of cost is provided in table below and Attachment A.
3. On the terms contained in the FIRM's said proposal for the doing of said work and the said award therefore, and the specifications herein specifically referred to and made a part of this contract.
4. The cost for the above scope of services is a Guaranteed Maximum Price (GMP). The GMP is based on the materials, methods, and assumptions presented in the scope of services and may be adjusted downward based on final detail design and alternative selections or omissions. The GMP shall not be greater than the stated amount unless there is an approved increase in the scope of services. The final stipulated sum (adjusted GMP) submitted herein shall be an amount to be billed on the basis of "percent complete" and stored materials turned over to the OWNER.
5. 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.

6. The Application for Progress Payment shall identify the amount of the FIRM Total Earnings to Date based upon value of original contract Work performed to date as approved by fully executed Change Orders.
7. Payment shall be based upon percentage of work completed based upon the approved schedule of values. Retainage in the amount of 10% will be withheld on the calculated value of any work, with the exception of stored materials which may be paid at the supplier's invoiced cost. At FIRM's request, after 50% completion of the work has been achieved, the OWNER will implement a reduction in retainage to 5% of all future pay requests. If retainage is reduced, FIRM may not withhold more than 5% retainage from subcontractors or suppliers and will be required to certify compliance with F.S. 218.70 *et seq* on each subsequent pay application. Notwithstanding the foregoing, in no instance can the amount retained be less than the value of OWNER's good faith claims plus the value of the work the OWNER determines remains to be put in place or required to be performed as remedial activities. For the purposes of this section, 50% completion shall be that point in time when OWNER determines that half of the Work required by the Contract has been completed. In no event shall the Work be determined to be 50% completed before the OWNER has paid 50% of the Contract amount and 50% of the Contract time has expired. The amount of previous Pay Estimate payments shall then be subtracted to equal the Balance Due during the Pay Estimate period.
8. When the OWNER determines the Work to be Substantially Complete, the OWNER may reduce the retainage to five percent (5%) of the dollar value of all Work satisfactorily completed to date, provided that the FIRM is making satisfactory progress toward Final Completion of the Work, that in the opinion of both the Engineer and the OWNER there is no specific cause for a greater retainage, and the FIRM obtains the written consent of the Surety Companies furnishing the required Public Construction Bond on consent forms provided by

the OWNER. The OWNER may reinstate the retainage up to ten percent (10%) if the OWNER determines, at its discretion or the Engineer's discretion, that the FIRM is not making satisfactory progress toward final completion of the Work or where there is other specific cause for such withholding.

9. Partial payment may be made for the delivered cost of stored materials planned for incorporation into the Work, provided such materials meet the requirements of this Contract, the Contract Drawings, and the Specifications, and are delivered and suitably stored at the project site, or at another location acceptable to the OWNER. Such material must be stored in a secure manor acceptable to the OWNER, and in accordance with the manufacturer's recommendations.
10. The delivered cost of such stored or stockpiled materials may be included in any subsequent application for payment provided the FIRM meets the following conditions:
  - a. An applicable purchase order or supplier's invoice is provided listing the materials in detail, the cost of each item, and identifies this specific contract by name.
  - b. The materials are fully insured against loss or damage (from whatever source) or disappearance prior to incorporation into the Work.
  - c. Stored materials approved for payment by the OWNER shall not be removed from the designated storage area except for incorporation into the Work.
  - d. Evidence that the FIRM has verified quantity and quality of the materials delivered (verified packing list).
11. It is further agreed between the parties that the transfer of title and the OWNER's payment for any stored or stockpiled materials pursuant to these General Conditions, and any applicable provisions of the Supplementary General Conditions, shall in no way relieve the FIRM of the responsibility of

ensuring the correctness of those materials and for furnishing and placing such materials in accordance with the requirements of this Contract, the Contract Drawings, the Technical Specifications, and any approved changes thereto.

12. The following monthly Application for Progress Payment shall be accompanied by Bills of Sale, copies of paid invoices, releases of lien, or other documentation warranting that the FIRM has received the stored materials and equipment free and clear of all liens, charges, security interests, and encumbrances (which are hereinafter in these General Conditions referred to as "Liens") and evidence that the stored materials and equipment are covered by appropriate property insurance and other arrangements to protect the OWNER's interest therein, all of which shall be satisfactory to the OWNER.
13. The FIRM shall warrant and guarantee that title to all Work, materials, and equipment covered by an Application for Progress Payment, whether incorporated in the Work or not, will pass to the OWNER no later than the time of Final Payment free and clear of all liens or other encumbrances.
14. In the event any dispute with respect to any payment or pay request cannot be resolved between the FIRM and OWNER's project staff, FIRM may, in accordance with the alternative dispute resolution requirements of Florida Statute section 218.72, *et seq*, demand in writing a meeting with and review by the OWNER'S (agency) director. In the absence of the agency director, a deputy director may conduct the meeting and review. Such meeting and review shall occur within ten (10) business days of receipt by OWNER of FIRM's written demand. The OWNER's manager shall issue a written decision on the dispute within ten (10) business days of such meeting. This decision shall be deemed the OWNER's final decision for the purposes of the Local Government Prompt Payment Act.

### **Section 8 - Responsibilities**

The FIRM shall, under no circumstance, look to the OWNER to provide any labor or equipment for the FIRM. 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 Joe Stephens 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 Conner King 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 ten (10) 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.

(SEAL)

**CORAL SPRINGS IMPROVEMENT DISTRICT**

ATTEST:

\_\_\_\_\_  
President

\_\_\_\_\_

\_\_\_\_\_  
Printed name

Printed name of Witness

\_\_\_\_\_  
Date

\_\_\_\_\_

Approved as to form and legality

Printed name of Witness

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

State of Florida

**ENGINEER**

County of Palm Beach

Globaltech, Inc.  
Company

The foregoing instrument was acknowledged before me on this day of \_\_\_\_\_, 2019 by

\_\_\_\_\_  
Signature

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

Troy L. Lyn, Executive Vice President  
Name and title (typed or printed)

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

March 18, 2019  
Date

# Attachment A

## Budget Summary

**Coral Springs Improvement Dist**  
**151131 CSID FY 2019 GST Repair & Improvements**

Assembly#	Part#	Description	Unit	Quantity	Ext. Price
<b>Job: 151131 CSID FY 2019 GST Repair &amp; Improvements</b>					
<b>Bid Item: 1 GST Improvements</b>					
		Engineering SDC	LOT	1.00	6,000.00
		General Conditions	LOT	1.00	2,200.00
		Waste Hauling	LOT	1.00	3,691.50
		Tank Repair (CROM)	LOT	1.00	69,057.50
		Allowance	LOT	1.00	5,000.00
				<b>Bid Item Totals:</b>	<b>85,949.00</b>
				<b>Grand Totals:</b>	<b>85,949.00</b>

**6C.**

**AMENDMENT 1 TO**  
**WORK AUTHORIZATION 147**

Globaltech No. 151102

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 design-build services related to the Membrane Plant Antiscalant Flow Meter, hereinafter referred to as the "Specific Project".

**Section 1 – Terms**

NO CHANGE.

**Section 2 – Scope of Work**

Amendment 1 is reimbursing funds for unspent allowance of \$5,000.00.

**Section 3 – Location**

NO CHANGE.

**Section 4 – Deliverables**

NO CHANGE.

**Section 5 – Time of Performance**

NO CHANGE.

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

This Amendment No. 1 to Work Authorization 147 decreases the \$38,436.00 contract value by \$-5,000.00, to a new final contract amount of \$33,436.00.

**Section 7 – Application for Progress Payment**

NO CHANGE.

**Section 8 – Responsibilities**

NO CHANGE.

**Section 9 – Insurance**

NO CHANGE.

**Section 10 – Level of Service**

NO CHANGE.

**Section 11 – Indemnification**

NO CHANGE.

IN WITNESS WHEREOF, this Amendment to a Work Authorization, consisting of three (3) pages 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

\_\_\_\_\_  
Printed Name of President

\_\_\_\_\_  
Date  
Approved as to form and legality

State of Florida  
County of Palm Beach

\_\_\_\_\_  
District Counsel  
**FIRM**

Globaltech, Inc.  
Company

The foregoing instrument was  
acknowledged before me on this

8<sup>th</sup> day of March, 2019 by

\_\_\_\_\_  
Signature  
Troy L. Lyn, Executive Vice President  
Name and Title (typed or printed)

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

March 8 , 2019  
Date

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

## **Seventh Order of Business**



**7B**

**Globaltech, Inc.**  
**CSID Engineer's Report**  
**March 18, 2019**

**PROJECTS UNDER CONTRACT**

**WA #131- HSP 7 Modifications – In Progress**

- Approved by Board – 1/22/18
- Problem with pump – reordered.
- Pump delivery scheduled for end of March – April, 2019.

**WA #133 - Facility Arc-Flash Study – In Progress**

- Revised Draft Report submitted 10/30 – under review.
- Conditional Assessment submitted 11/16 – under review.
- Vulnerability Assessment delivered 11/28.
- Review performed by CSID Staff and Globaltech
- Resolving review comments – Final Report end of March 2019

**WA #139 – Generator Diesel Fuel Line Replacement – In Progress**

- Approved by Board – 4/26/18
- Contacted Broward County regarding need for permit
- Cypress Construction completed design
- Permit application submitted week of 2/09/19.
- Scheduling work to occur after the completion of WA-149 (April 2019)

**WA #140 – Dual Zone Monitor Well Construction – In Progress**

- Approved by Board – 6/18/18
- YBI mobilized off site and turned the well over to Globaltech in early-December
- Wellhead, pumps and instrumentation should be completed end of March 2019.
- YBI will return to abandon the monitoring tubes in April 2019.

**WA #141 – Plant D Repair – In Progress**

- Approved by Board – 4/26/18
- Demolition completed 8/15/18
- Mechanical equipment (rake arm, center column, center cage, and drive) delivered & installed.
- Installed supplemental bracing on clarifier flange
- Drilled and installed epoxy anchors
- Floor design complete
- ProShell beginning work 3/11/19.
- Startup scheduled for end of April.

**Globaltech, Inc.**  
**CSID Engineer's Report**  
**March 18, 2019**

**PROJECTES UNDER CONTRACT (Cont.)**

**WA #143 – Site 12 Canal Bank Restoration – Closeout**

- Approved by Board 6/18/18
- Restoration work completed 11/02/18
- One of two fences installed
- Projected can not officially close until fencing contractors are paid by Globaltech.

**WA #149 – High Service Pump Building Isolation Valve Replacements – In Progress**

- Approved by Board 10/16/18
- Exploratory excavation completed
- Valves shipping 3/26/19.
- Installation scheduled upon arrival (after 4/02/19)

**WA#151 – ORP Analyzer – On 11/26/18 Board – In Progress**

- Approved by Board 11/26/18
- Design and equipment placement completed
- Equipment arrived.
- Installation scheduled late-March

**WA#152 – Deep Injection Well Operating Permits – Closeout**

- Approved by Board 11/26/18
- Application was submitted January 25, 2019
- Received and responded to RAI from FDEP on 2/27/19.

**WA#153 – Structural Assessment of Pump Stations 1 & 2 – In Progress**

- Approved by Board 12/17/18
- Conducted site visits on 2/14/19
- Draft Report expected to Globaltech on 3/15/19

**WA#156 – Production Well 8 Redevelopment – In Progress**

- Approved by Board 12/17/18
- Re-development began January 16, 2019
- Amendment to repair casing approved at February's Board.
- Wellhead repairs scheduled for week of 3/18/19

**WA#160 – Monitor Well 3 Pump Replacement – In Progress**

- Approved by Board 2/25/19
- Pump ordered – delivery expected end of March

**Globaltech, Inc.  
CSID Engineer's Report  
March 18, 2019**

**Work Authorizations Under Development**

**WA#137 – High Service Pump 1 & 2 Improvement – on 3/18/19 Board**

**WA#158 – 4MG Ground Storage Tank Repair and Improvements – on 3/18/19 Board**

WA#155 – RO Concentrate Disposal Line Construction - on 4/15/19 Board

WA#159 – High Service Pump 7 Low Pressure Auto-start – on 4/15/19 Board

**7C.**





## March Report to the Board of Supervisors for the Water Plant

### Report Includes Updates through 3/6/2019

#### Piggyback off of AMPS contract with Martin County

We are currently piggybacking off of this contract for routine monthly maintenance of our wells via chemical injections and monitoring. We would now like to be able to use any of the services listed in this contract as it will save us thousands off of work we may need to have done. For example we were given a verbal proposal from Globaltech to perform camera work at well 5 where we are seeing excessive sand and silt coming from this well and they proposed 15-20k. We are able to have this same work done through this piggyback for \$4,870.

#### WA 137 HSP1&2 retrofit and valve replacement

Due to the change in flows and pressures required throughout our system over the years our oldest high service pumps (1&2) need to be retrofitted to keep up with the larger pumps. At times these pumps dead head and are found running with the check valves closed and the piping heating up. This is because they are undersized. We were able to identify a cost effective resolution which was to have both pumps sent back to the manufacturer to have larger impellers installed in them as well as have the volute cleaned and returned to new condition. This is much more cost effective than replacing the pumps, motors, and bases as a package. We are also planning on replacing the 30yr old isolation valves on either side of these pumps with this WA as they are no longer holding.

#### WA 158 4 million gallon tank repairs

Based on the findings and recommendations in our required 5 year tank inspection report, which was conducted by Underwater Solutions in January 2018, we budgeted to address this tanks issues this Fiscal Year. We addressed similar issues on the other two ground storage tanks last fiscal year. This WA will address all structural concerns as well as replace the manway hatch door which is in poor condition and remove corrosion from interior piping and coat them to prevent future corrosion.

#### Well 8 rehabilitation

The amendment to this work authorization was approved at the February meeting. Globaltech will have one of their crews install a concrete collar around the piping above the slab to seal it off and reestablish the required sanitary seal. Once this is complete the acidification portion of the rehab process will take place and the well should be returned to us within a couple of weeks after that.

## Underground valve replacement WA 149

The replacement valves for this project have been ordered and are due in by the second week of March. Globaltech expects to have these valves replaced and the holes backfilled by the first week of April. Staff will then re-sod the area to ensure it is presentable prior to the open house. We have also been working with James Barton at Florida Technical Consultants on adding this area to our GIS system which is almost finalized.

## Well 11 failure

We were able to identify the culprit for the failure and narrowed it down to a manufacturing defect in the pump. Atlantic Environmental stood behind the pumps and motors they have been supplying us and replaced all of the equipment at no cost to us. We installed a new pump and motor in this well and placed it back in service on 3/6/19.

## Projects with Globaltech

- High service pump #7 flushing line- WA 131 letter of understanding for the shift in direction approved in March. Underway
- High service pump #7 auto start at low pressure- WA 159 to be presented in April
- Replacement of high service pumps 1&2's impellers- WA to be presented this month
- Underground diesel tank transfer lines upgrade- WA 139 approved in April. Underway
- Underground valve replacement on North side of high service pump building- WA 149 approved at the October meeting. Underway
- Membrane replacement assistance- WA 150 approved at the October meeting. Completed
- ORP probe installation- WA 152 approved in November. Underway
- 4 million gallon storage tank repairs- WA 158 to be presented this month
- Antiscalant flowmeter installation- WA 147 approved in September. Completed
- Well 8 rehabilitation- WA 156 approved in December. Amendment approved in February. Underway
- Relocation of post treatment injection points- Avoided

## Water Loss

The graph below compares the water loss % in 2018 vs 2019. The loss % for February 2019 was 8.84% less than it was in February 2018. So far this year we are below the 10% loss we need to be at (9.60%). If we continue on this track we will be in great shape this year.





## Wastewater Plant Operations

Monthly Influent average Flow for March 4.76 is MGD.

Monthly Concentrate average flow was 0.67 MGD.

Submitted March's Monthly Deep well report.

## Ongoing Projects

Globaltech has notified the District that they are progressing with the following approved work: **WA # 133– Arc Flash Study**

- CSID staff is Awaiting final report from Globaltech and Smith Engineering
- **WA # 140 Monitoring Well #4 Construction**
- Monitoring well constructing was completed on 12/21. Project is on hold since 12/21 awaiting delivery of piping/instrumentation by Globaltech. Once monitoring well 4 is completed, monitoring well #1 will be plugged and abandoned.



## **WA # 141 – Plant D Repairs**

The new rake arm and center column equipment for Plant D has been delivered. The cement that was scheduled to be poured in January now rescheduled to March.



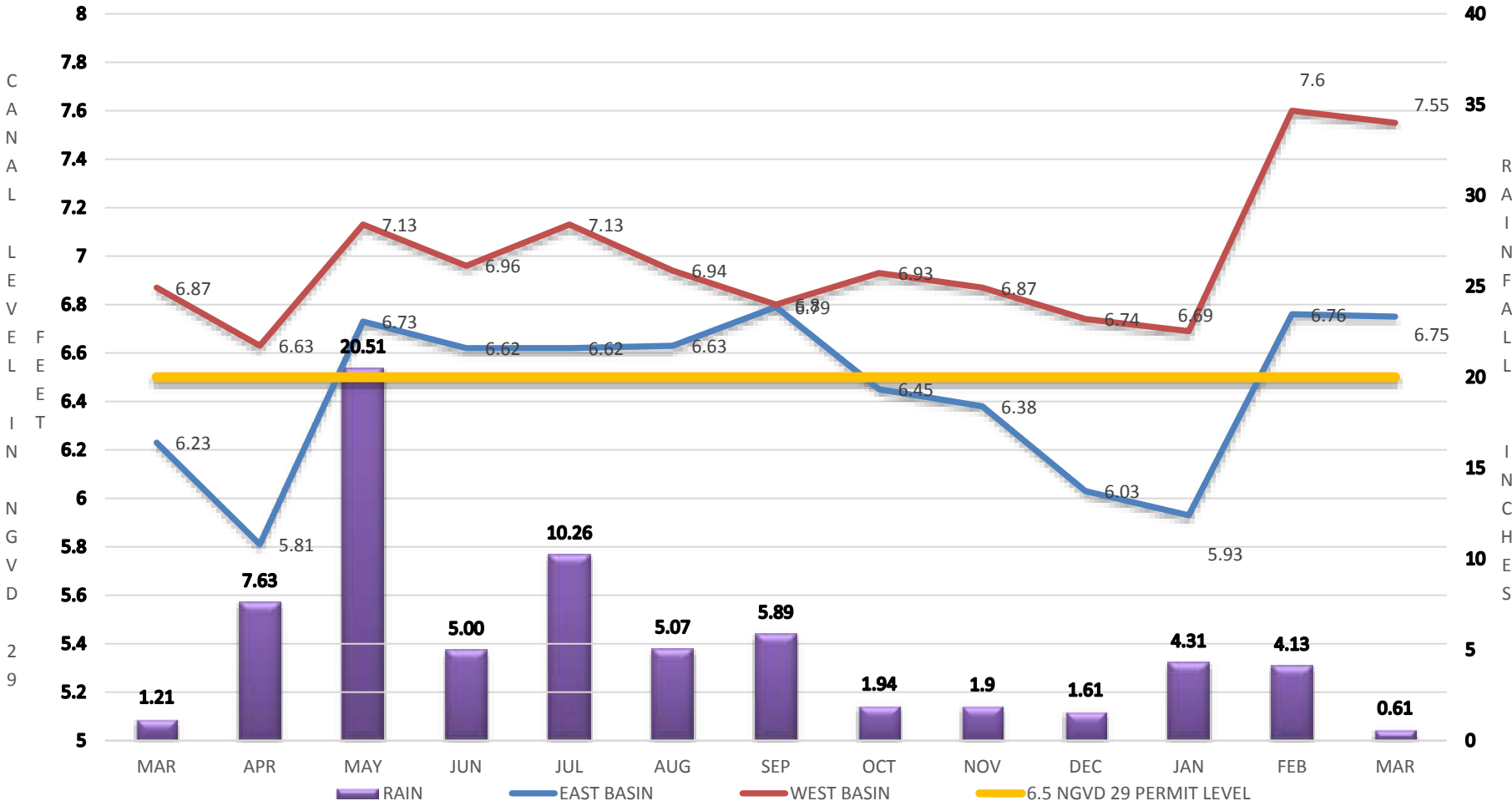
## **Coral Springs Improvement District**

Drainage Report March 18, 2019

Board of Supervisors Meeting

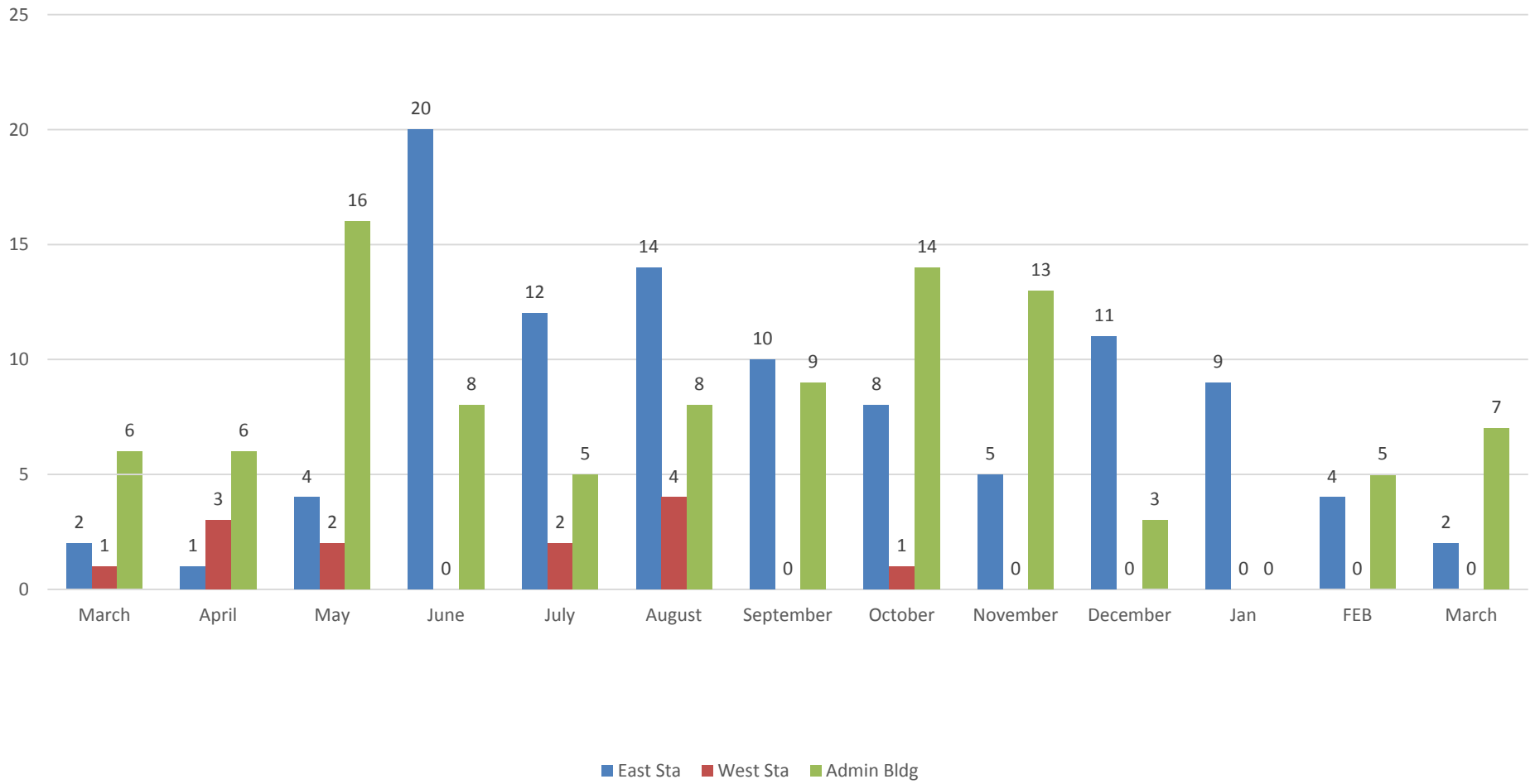
- Current canal levels averages are 6.75 NGVD 29 in the east basin and 7.55 NGVD 29 in the west basin as of this report. Rainfall recorded for March as of this report is .61 inches.  
Rainfall recorded for February was 4.13 inches  
Rainfall recorded to date for the year is 8.44 inches
- Field spray activities are on-going as scheduled, no out of the ordinary issues to report. Lake Coral Springs was last treated in mid-January, submerged growth is slow, no treatment required.  
Crews are removing saplings and small trees from the edge of canal banks and right of ways when adverse weather prevents spray applications.
- Annual photography of all canal right of way is schedule to be completed by end of April.

### AVG. BASIN LEVEL AND TOTAL RAINFALL



## Iguana Management: March 2018 through February 2019

### Iguana's controlled





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

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## Water Distribution and Wastewater Collection

### Department Report

3-18-19 board Meeting

Prepared by: Curtis Dwiggin

- There were only ...4 reported service breaks in the month of February. A new record Low!!
- Globaltech is complete with lift station 13 and 17 project, the field staff is satisfied with the work that was done. I will be asking to close out that project
- Trio Development Corporation will soon begin Lift station 2 and 5 rehab. Starting with lift station 2
- LMK Pipe renewal is nearing the end of lift station basin 2 Project. I estimate completion by the end of April.
- Field personnel will be conducting dye testing at terminal end Catch basins in locations where our Fluoride and Phosphorous tests showed elevated levels. We may have the results of that test by the time of this meeting
- The Department is gearing up for our next round of our annual valve exercising program. We will be adding concrete collars to all field valves, starting with major isolation, then to internal community valves. This project will be done over time. I estimate it taking about 3 years to complete.



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

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## Maintenance Department Report (Pedro V.)

### Water Department:

- Thermographic test in the WP MCC's, preventive and corrective maintenance in equipment.
- Modifications to the control system of A/C units #17 and #18 MCC room to avoid continuous equipment failures.
- Works in the field to the open house.
- Small civil constructions and repairs.
- Oscilloscope test in the 250 HP #3 motor to make sure that the improvement performed was successful, the test was satisfactory. The important of this modification was that the bearings and the motor will have more live time significantly.
- The # 1 motor 250 HP of the process room was sent to an external workshop for guarantee to be intervened mechanically due to a factory defect.
- Main compressor in the process room was repaired.
- The MCC's began to be labeled for OSHA standards compliance.

### Wastewater Department:

- Corrective and preventive maintenance in all plant.
- The pump #2 in the belt press pit was fixed for warranty and installed.
- We are working to coordinate with Global Tech to remove the monitoring well # 3.
- The MCC's began to be labeled for OSHA standards compliance.
- Works in the field for the open house, painting, etc.

### Field Department:

- N/A

### Drainage Department:

- N/A