

**Coral Springs  
Improvement District**

**Agenda**

**January 25, 2021**



# Coral Springs Improvement District

January 15, 2021

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 Monday, January 25, 2021, at 4:00 p.m. at the District Offices, 10300 NW 11<sup>th</sup> Manor, Coral Springs, Florida. In order to comply with CDC guidelines on social distancing due to Covid-19, members of the public can attend via conference call by dialing 800-747-5150, access code 4129245. Following is the advance agenda for the meeting.

1. Call to Order
2. Approval of the Minutes of the December 21, 2020 Meeting
3. Audience Comments
4. Acceptance of Financial Audit for Fiscal Year Ending September 30, 2020
5. Approval of Financial Statements for December 2020
6. Approval of Continuation of the Covid-19 Paid Leave Commitment
7. Consideration of Mohawk Proposal to Replace Carpet in Administration Building at a Total Cost of \$17,438.82, Piggybacking Off the State of Florida Alternate Contract Source
8. Consideration of Proposal from AECOM in the Amount of \$49,622 for the Removal of Underground Diesel Storage Tank 4R1 Piggybacking off the Broward Services Contract
9. Consideration of a Request by Staff for Board Approval for LMK Pipe Renewals to Carry Out a CCTV Inspection Lift Station #9 Basin for a Total Cost of \$48,723.75, Piggybacking Off the City of St. Petersburg Contract
10. Consideration of Work Authorizations
  - A. Amendment #1 to Work Authorization #159 for HSP 7 Engine Improvements for an Increase of \$29,786.43
  - B. Amendment #1 to Work Authorization #175 for Stormwater Pump Stations #1 & #2 Hurricane Hardening for a Decrease of \$11,936
  - C. Work Authorization #184 for HSP 7 Day Tank and Piping Improvements for a Total Cost of \$88,393
11. Engineer's Report
12. Staff Reports
  - A. Manager – Ken Cassel
  - B. Department Reports
    - Operations – David McIntosh
    - Utilities Update – Joe Stephens



## Coral Springs Improvement District

- Utility Billing Customer Service Report – Dave Berringer
- Water – Christian McShea
- Wastewater – Tom Kedrierski
- Stormwater – Shawn Frankenhauser
- Field – Curt Dwiggin
- Maintenance Report – Pedro Vasquez
- Human Resources – Jan Zilmer
- Motion to Accept Department Reports

C. Attorney

13. Supervisors' Requests
14. Adjournment

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

Sincerely,

Kenneth Cassel/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**

The regular meeting of the Board of Supervisors of the Coral Springs Improvement District was held Monday, December 21, 2020 at 4:00 p.m. at the District Office at 10300 NW 11<sup>th</sup> Manor, Coral Springs, Florida Statutes.

Present and constituting a quorum were:

Martin Shank	President
Len Okyn	Vice President
Chuck Sierra	Secretary (Via Telephone)

Also present were:

Ken Cassel	District Manager
Terry Lewis	District Attorney (Via Telephone)
Dan Daly	Director of Operations
David McIntosh	Director of Operations
Joe Stephens	Director of Utilities
Jan Zilmer	Human Resources (Via Telephone)
Marta Rubio	Director of Finance and Accounting
Rick Olson	District Engineer (Via Telephone)
Curt Dwigins	Field Department (Via Telephone)
Christian McShea	Water Department (Via Telephone)
Tom Kedriewski	Wastewater Department (Via Telephone)
Shawn Frankenhauser	Stormwater Department (Via Telephone)
Dave Berringer	Utility Billing and Customer Service (Via Telephone)

***The following is a summary of the discussions and actions taken at the December 21, 2020 Coral Springs Improvement District's Board of Supervisors Meeting.***

**FIRST ORDER OF BUSINESS**

**Call to Order**

Mr. Cassel called the meeting to order at 4:08 p.m. and called the roll.

**SECOND ORDER OF BUSINESS**

**Approval of the Minutes of the November 16, 2020 Meeting**

Each Board member received a copy of the Minutes of the November 16, 2020 Meeting, and any additions, corrections or deletions were requested.

There being none,

On MOTION by Mr. Okyn seconded by Dr. Shank with all in favor the minutes of the November 16, 2020 meeting were approved.

**THIRD ORDER OF BUSINESS**

**Audience Comments**

There being none, the next item followed.

**FOURTH ORDER OF BUSINESS**

**Approval of Financial Statements for November 2020**

Ms. Rubio reported the District has already received 88% of its assessments totaling \$2.8 Million.

On MOTION by Mr. Okyn seconded by Dr. Shank with all in favor the financial statements for November 2020 were approved.

**FIFTH ORDER OF BUSINESS**

**Consideration of Request by Staff for Board to Approve the First Optional One Year Renewal of Phillips and Jordan Contract as the Primary Contractor to Provide Disaster Debris Removal and Disposal Services for the District for the Period of January 1, 2021 to December 31, 2021**

Mr. Frankenhauser provided an overview of the contract and the first optional one-year renewal.

On MOTION by Mr. Sierra seconded by Dr. Shank with all in favor the first optional one-year renewal of Phillips and Jordan contract as the primary contractor to provide Disaster Debris Removal and Disposal Services for the District for the Period of January 1, 2021 to December 31, 2021 was approved.

**SIXTH ORDER OF BUSINESS**

**Consideration of a Request by Staff for Board to Approve the First Optional One Year Renewal of Arbor Tree and Land Contract as the Alternate Contractor to Provide Disaster Debris Removal and Disposal Services for the District for the Period January 1, 2021 to December 31, 2021**

- Mr. McIntosh explained this is an optional one-year renewal to use as an alternate.
- Mr. Frankenhauser noted Arbor Tree and Land has done previous work for the District and performed well.

On MOTION by Mr. Okyn seconded by Dr. Shank with all in favor the first optional one-year renewal of Arbor Tree and Land Contract as the alternate contractor to provide Disaster Debris Removal and Disposal Services for the District for the Period January 1, 2021 to December 31, 2021.

**SEVENTH ORDER OF BUSINESS**

**Consideration of a Request by Staff for Board Approval to Purchase a Ford F-150 Truck for \$27,394 from Bozard Ford, Piggybacking Off the Florida Sheriff's Contract**

- Dr. Shank asked why staff is going with Ford when they went with GMC the last time.
- Mr. Frankenhauser responded Ford was priced well and the specifications on the GMC trucks were different. The rest of the trucks in the Stormwater Department are Fords and that also makes it efficient for maintenance.
- Mr. Dwiggin explained GMS has the specifications needed for the Field Department.

On MOTION by Mr. Sierra seconded by Dr. Shank with all in favor the purchase of a Ford F-150 truck for a total cost of \$27,394 from Bozard Ford, piggybacking off the Florida Sheriff's contract, was approved.

**EIGHTH ORDER OF BUSINESS**

**Consideration of a Request by Staff for Board Approval to Purchase a Club Car Golf Cart from Jeffrey Allen, Inc., an Authorized Club Car Representative, Piggybacking Off the Kansas City, Missouri Master contract for a Total Cost of \$9,339.15**

Mr. Stephens explained this is a utility cart he will mostly use to get around the facility and check on projects. This is the standard unit with no add-ons.

On MOTION by Mr. Okyn seconded by Dr. Shank with all in favor the purchase of a Club Golf Cart from Jeffrey Allen, Inc. for a total cost of \$9,339.15, piggybacking off the Kansas City Missouri master contract, was approved.

**NINTH ORDER OF BUSINESS**

**Consideration of Work Authorizations**

**A. Amendment #1 to Work Authorization #162 for Production Well 9 Control Replacement for a Decrease of \$1,620**

On MOTION by Mr. Okyn seconded by Dr. Shank with all in favor Amendment #1 to Work Authorization #162 for a decrease of \$1,620 was approved.

**B. Amendment #1 to Work Authorization #172 for DIW Building ATS Replacement for a Decrease of \$15,467.91**

On MOTION by Mr. Okyn seconded by Dr. Shank with all in favor Amendment #1 to Work Authorization #172 for a decrease of \$15,467.91 was approved.

**C. Amendment #1 to Work Authorization #174 for WWTP Plant C Repairs for an Increase of \$26,510.07**

Mr. Olson provided an overview of the work associated with the amended work authorization and an update on the project. The total of the additional work is \$33,817.65; however, they are using part of the unspent allowance.

Discussion ensued.

On MOTION by Mr. Okyn seconded by Mr. Sierra with all in favor Amendment #1 to Work Authorization #174 for a total increase of \$26,510.07 was approved.



**D. Work Authorization #185 for PW6 Antenna Mast & Tower Replacement for a Total Cost of \$22,744**

Mr. McShea provided an overview of the work associated with Work Authorization #185.

On MOTION by Mr. Okyn seconded by Dr. Shank with all in favor Work Authorization #185 for a total cost of \$22,744 was approved.

**E. Work Authorization #186 for Canal Sites 10 & 10A Stabilization for a Total Cost of \$847,532**

Mr. Olson provided an overview of the work associated with Work Authorization #186.

Discussion ensued.

On MOTION by Mr. Okyn seconded by Dr. Shank with all in favor Work Authorization #186 for a total cost of \$847,532 was approved.

**F. Work Authorization #188 for Atlantic Boulevard Sleeve Installation for a Total Cost of \$44,461**

Mr. Dwigins provided an overview of the work associated with Work Authorization #188.

On MOTION by Mr. Okyn seconded by Dr. Shank with all in favor Work Authorization #188 for a total cost of \$44,461 was approved.

**TENTH ORDER OF BUSINESS**

**Engineer's Report**

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

- Work Authorization #175 – waiting for final closeout from the City of Coral Springs.
- Work Authorization #180 – design is completed and being reviewed by Mr. Frankenhauser.

**ELEVENTH ORDER OF BUSINESS**

**Staff Reports**

**A. Manager – Ken Cassel**

Mr. Cassel reported additional repairs are needed on pumps pulled from Pump Stations #1 and #2. The Board previously approved approximately \$30,000. The additional repairs total \$14,653: \$13,459 for one of the older pumps and \$1,194 for the other pump.

On MOTION by Mr. Okyn seconded by Dr. Shank with all in favor additional pump repairs to MWI pumps were approved at a total cost of \$14,653.

**B. Department Reports**

• **Operations – Dan Daly/David McIntosh**

The following was reported:

- Mr. Daly stated he has been working in the background with the managers in preparation for his retirement.
- Mr. McIntosh reported he hydraulic model is being finalized. A presentation will be made during the staff meeting on Tuesday, January 5, 2021.
- Mr. McIntosh also reported a grant application was submitted for the hurricane hardening of the site. Some issues need to be resolved and he will work on it.

• **Utility Billing and Customer Service Report – Dave Berringer**

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

• **Utilities Update – Joe Stephens**

Mr. Stephens reported the following:

- He has been working with Julia from Globaltech on the risk and resiliency assessment.
- He continues to manage the excavation. Mr. David Waring from AECOM was on site today collecting samples of the water in the excavation. They have been pumping it and turning it over every day.

- The resident, who the District had a tree removed from behind the property, sent a nice letter. He is pleased with ATL and complemented Mr. Frankenhauser.
- He discussed revisiting the solar option. It was looked into in 2015, but it did not make sense based on the rate. He had a conference call with Mr. Matt Jeffries from Advanced Screen Technologies this afternoon. A four-acre installation is a \$1.5 Million investment and would return \$90,000 a year. The other option is an energy service agreement where they own, install and maintain the equipment and the District would have to agree to purchase the power from them at whatever agreed upon rate is negotiated. It is very hard for them to get it at \$.06 per kilowatt, which is what the District currently pays.

- **Water – Christian McShea**

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

- **Wastewater – Tom Kedrierski**

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

- **Stormwater – Shawn Frankenhauser**

Mr. Frankenhauser reviewed his report, a copy of which is attached hereto and made part of the public record. He also reported on a watermain that was broken by a utility company doing work in the area in front of Big Lots.

- **Field – Curt Dwiggin**

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

- **Maintenance Report – Pedro Vasquez**

A copy of the report was distributed and is attached hereto and made part of the public record.

- **Human Resources – Jan Zilmer**

Mr. Zilmer reported on the Covid-19 vaccines. Discussion ensued regarding whether it should be mandatory for District staff. There was consensus not to make it mandatory.

- **Motion to Accept Department Reports**

On MOTION by Mr. Okyn seconded by Dr. Shank with all in favor the Department Reports were accepted.

**C. Attorney**

Mr. Lewis discussed the following:

- Representative Daley filed his local bill for CSID, NSID, SWCD and PTWCD.
- All Florida government entities must register with E-Verify to confirm any new employees after January 1, 2021 are legally able to work in the United States. His office drafted a letter to send out to contractors requesting confirmation they use E-Verify as well.

**TWELFTH ORDER OF BUSINESS**

**Supervisors' Requests**

There were no Supervisors' requests. The Board wished everyone Happy Holidays.

**THIRTEENTH ORDER OF BUSINESS**

**Adjournment**

There being no further business,

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

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Kenneth Cassel  
Assistant Secretary

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Dr. Martin Shank  
President

## **Fifth Order of Business**



# **CORAL SPRINGS IMPROVEMENT DISTRICT**

**FINANCIAL REPORTING – MEETING JANUARY 25, 2021**

**CORAL SPRINGS IMPROVEMENT DISTRICT  
GENERAL FUND  
SUMMARY REPORT**

For the Period Ending December 31, 2020

	<b>ADOPTED BUDGET FY 2020-2021</b>	<b>PRORATED BUDGET THRU 12/31/2020</b>	<b>ACTUAL 3 MONTHS ENDING 12/31/2020</b>	<b>VARIANCE FAVORABLE (UNFAVORABLE)</b>
<b>REVENUES</b>				
<b>TOTAL REVENUES</b>	\$ 4,072,935	\$ 3,262,291	\$ 3,266,758	\$ 4,467
<b>EXPENDITURES &amp; RESERVES</b>				
TOTAL EXPENDITURES	\$ 2,472,935	\$ 596,813	\$ 363,298	\$ 233,515
TOTAL RESERVES	\$ 1,600,000	\$ 400,000	\$ -	\$ 400,000
<b>TOTAL EXPENDITURES &amp; RESERVES</b>	\$ 4,072,935	\$ 996,813	\$ 363,298	\$ 633,515
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES &amp; RESERVES</b>			\$ 2,903,460	
FUND BALANCE BEGINNING			\$ 9,380,747	
FUND BALANCE ENDING			\$ 12,284,207	

**CORAL SPRINGS IMPROVEMENT DISTRICT  
WATER & SEWER FUND  
SUMMARY REPORT**

For the Period Ending December 31, 2020

	<b>ADOPTED BUDGET FY 2020-2021</b>	<b>PRORATED BUDGET THRU 12/31/2020</b>	<b>ACTUAL 3 MONTHS ENDING 12/31/2020</b>	<b>VARIANCE FAVORABLE (UNFAVORABLE)</b>
<b>REVENUES</b>				
<b>TOTAL REVENUES</b>	<b>\$ 16,127,287</b>	<b>\$ 3,356,146</b>	<b>\$ 3,372,320</b>	<b>\$ 16,174</b>
<b>EXPENDITURES</b>				
TOTAL ADMINISTRATIVE	\$ 2,474,455	\$ 577,124	\$ 487,105	\$ 90,019
TOTAL PLANT	\$ 7,772,422	\$ 1,732,830	\$ 1,333,158	\$ 399,672
TOTAL FIELD	\$ 2,775,397	\$ 464,740	\$ 352,301	\$ 112,439
<b>TOTAL EXPENDITURES</b>	<b>\$ 13,022,274</b>	<b>\$ 2,774,694</b>	<b>\$ 2,172,564</b>	<b>\$ 602,130</b>
<b>AVAILABLE FOR DEBT SERVICE</b>			\$ 1,199,756	
Total Debt Service			\$ 705,690	
<b>Excess Revenues (Expenses)</b>			<b>\$ 494,066</b>	
Net Assets Beginning			\$ 41,457,389	
<b>Net Assets Ending</b>			<b>\$ 41,951,455</b>	



## CORAL SPRINGS IMPROVEMENT DISTRICT DECEMBER 2020

### GENERAL FUND - CHECK REGISTERS

FUND	CHECK DATE	CHECK No.	AMOUNT
General Fund	12/01/2020 thru 12/31/2020	#5422 - #5439	\$189,121.20
<b>Total</b>			<b>\$189,121.20</b>

### WATER & SEWER - CHECK REGISTERS

FUND	CHECK DATE	CHECK No.	AMOUNT
Water and Sewer	12/01/2020 thru 12/31/2020	#30289 - #30450	\$524,608.39
<b>Total</b>			<b>\$524,608.39</b>

## **Sixth Order of Business**

On March 18, 2020 Families First Coronavirus Response Act (FFCRA) was enacted into law effective April 1, 2020. The law provided up to 80 hours paid leave through December 31, 2020 for the following reasons.

- If the employee is subject to a Federal, State, or local quarantine or isolation order related to COVID-19.
- The employee has been advised by a health care provider to self-quarantine due to concerns related to COVID-19.
- The employee is experiencing symptoms of COVID-19 and seeking a medical diagnosis.
- The employee is caring for a son or daughter of such employee if the school or place of care of the son or daughter has been closed, or the childcare provider of such son or daughter is unavailable due to COVID-19 precautions.
- Additional 10 weeks partially paid family leave to care for a child while schools and care facilities are closes.

Effective January 1, 2021 employers will no longer be required to offer two weeks of paid leave to workers who become sick with COVID-19 or up to 12 weeks of family leave to people who cant work due to child-care needs, per the legislative text of the \$900 billion rescue package passed by Congress this week.

The Board of Supervisors for the Coral Springs Improvement District has made the decision to extend the 80 hour emergency paid leave for a period not to exceed 6 months or June 30, 2021 if specific requirements are agreed upon.

In an effort to support universal COVID-19 vaccinations The District has created a vaccination agreement form that will be provided to each employee. Those who agree for a future vaccination will be awarded the additional 80 hours of paid medical leave should the need for this time become necessary.

Reasonable exemptions are religious or medical disabilities. Those employees who claim medical disabilities and wish to qualify for the 80 hour paid medical leave will be required to provide documentation from their medical doctor stating the vaccine is a danger to the person's health.

Government employees such as teachers, front line medical staff along with those who work for private companies with over 15 employees can be asked to be vaccinated. Legally, employees can be fired for refusing, unless they claim that religious reasons or medical disabilities prevent them from getting the vaccine.

The District is expressing empathy when weighing the decision to require employees to take the vaccine along with the other safest option to prevent the spread of the virus.

Ten months into America's COVID-19 pandemic, cases causing death are surging, small businesses are faltering, playgrounds are empty and unemployment is at 11 percent. As a District we have not spared some of our employees and their families have been affected and we have had to institute restrictive scheduling of employees in some areas. Our best hope for ending this nightmare is a vaccine. Vaccines are the greatest health care advance of our time, preventing an estimated 4.5 billion infections since their advent.

Hoping for a brighter and healthier 2021.

The Coral Springs Improvement District

**Coral Springs Improvement District  
COVID-19 Vaccination  
Consent and Release Form**

I have agreed to receive the COVID-19 vaccine in accordance with all the requirements and recommendations of CDC and CDC's Advisory Committee on Immunization Practices (ACIP). I understand that one vaccination will require a two-part inoculation.

I understand that there is a slight possibility of minor reactions to the inoculation (i.e. muscle soreness or swelling at the injection area, low-grade fever, and mild diarrhea in less than 10% of all inoculations).

I hereby release Coral Springs Improvement District, from any liability resulting from ill effects associated by the inoculations of these vaccinations.

Non-compliance with the terms of this agreement may result in forfeiture of COVID Emergency paid leave.

Inoculation Date \_\_\_\_\_

\_\_\_\_\_ Date \_\_\_\_\_

Print Employee Name

\_\_\_\_\_ Date \_\_\_\_\_

Employee Signature

Print Supervisor Name

\_\_\_\_\_ Date \_\_\_\_\_

Supervisor Signature

## **Seventh Order of Business**



**Mohawk Group**

160 S. Industrial Blvd | Cathoun, GA 30701  
 800 554 6637 | www.mohawkgroup.com

Mohawk Carpet Distribution Inc. agrees to allow Coral Springs Improvement District the opportunity to purchase carpet and installation services piggybacking on the State of Florida Alternate Contract Source (ACS) No. 30161700-20-ACS For Flooring Materials, with Related Supplies and Services. Mohawk Carpet Distribution Inc further agrees that Mohawk will also comply with the requirements below in the administration of this contract with the Coral Springs Improvement District.

The CONTRACTOR and its subcontractors warrant compliance with all federal immigration laws and regulations that relate to their employees. The CONTRACTOR agrees and acknowledges that the OWNER is a public employer subject to the E-Verify requirements as set forth in Section 448.095, Florida Statutes, and that the provisions of Section 448.095, Florida Statutes apply to this Agreement. If the OWNER has a good faith belief that the CONTRACTOR has knowingly hired, recruited or referred an alien who is not authorized to work by the immigration laws or the Attorney General of the United States for employment under this Agreement, the OWNER shall terminate this Agreement. If the OWNER has a good faith belief that a subcontractor performing work under this Agreement knowingly hired, recruited or referred an alien who is not duly authorized to work by the immigration laws or the Attorney General of the United States for employment under this Agreement, the OWNER shall promptly notify the CONTRACTOR and order the CONTRACTOR to immediately terminate the contract with the subcontractor. The CONTRACTOR shall be liable for any additional costs incurred by the OWNER as a result of the termination of a contract based on CONTRACTOR'S failure to comply with E-Verify requirements evidenced herein.

**IF THE CONTRACTOR HAS ANY QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES TO THE CONTRACTORS DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, THE CONTRACTOR SHOULD CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT**

**Sandra Demarco  
 210 N. University Drive, Suite 702 Coral Springs, FL 33071  
 (O) 954.603.0033, Ext. 40532  
 Email: Sandra.demarco@inframark.com**

*12/16/20 - S. Michelle Vaneel  
 Sr Project Mgr  
 Mohawk Cpt. Dist. also*



November 16, 2020

Marta Rubio  
Coral Springs Improvement Dist

Turnkey Control # TSG03851

RE: FLOORING PROPOSAL FOR:

TSG03851 Coral Springs Improvement District

**Mohawk Carpet Distribution, Inc. - State of Florida Master Agreement 121715, Contract #30161700-20-ACS Effective February 17, 2020 through October 11, 2023**

We are pleased to provide the following quotation for the above referenced job.

**MAIN BID / Broadloom on Landings**

Style, Size, Backing, Description	Color Name	Color #	Quantity	UoM	Unit Price	Line Total
SLC43 Carroll Ave Broadloom 12ft w/ attached cushion	Sandy Beach	725	300.00	SY @	\$ 16.16	\$ 4,848.00
SLC43 Carroll Ave Broadloom 12ft w/ attached cushion / Landings	Sandy Beach	725	45.00	SY @	\$ 16.20	\$ 729.00
NuBroadlok Premium Plus Adhesive (Broadloom - 4 gal)			11.00	EA @	\$ 38.56	\$ 424.16
NuBroadlok Latex Seam Sealer (1 case)			-	CASE @	\$ 78.21	\$ -
NuBroadlok Latex Seam Sealer (1 quart)			1.00	EA @	\$ 19.83	\$ 19.83
NuBroadlok Edge Sealer (one 8 oz bottle)			4.00	EA @	\$ 16.52	\$ 66.08
Installation Broadloom (direct glue down)			240.00	SY @	\$ 6.90	\$ 1,656.00
Removal of Broadloom (direct glue down)			240.00	SY @	\$ 3.45	\$ 828.00
Conventional Furniture Moving (Medium)			240.00	SY @	\$ 4.60	\$ 1,104.00
Moisture Testing			4.00	EA @	\$ 180.69	\$ 722.76
Furnish / Install Transition, Standard, Black/Brown/Gold/Silver	Standard Color TBD		60.00	LF @	\$ 3.60	\$ 216.00
Floor Prep - Skim Coating to 1/8 Inch (Labor and Portland Based Material (Excludes Leveling)			2,077.00	SF @	\$ 1.45	\$ 3,011.65
Install Base; Standard 4" Vinyl/Rubber Blend; Black/Brown			600.00	LF @	\$ 1.81	\$ 1,086.00
<b>OPEN MARKET ITEMS:</b>						
Furnish Base; Standard 4" Vinyl/Rubber Blend; Black/Brown			600.00	LF @	\$ -	\$ -
Furnish & Install Vinyl Stringer			150.00	LF @	\$ 5.74	\$ 861.00
Floor Prep and Installation of Broadloom Stairwell			84.00	LF @	\$ 14.66	\$ 1,231.44
Freight			1.00	EA @	\$ 635.00	\$ 635.00
<b>Subtotal</b>						<b>\$ 17,438.92</b>
<i>Estimated Sales Tax</i>						\$ -
<b>TOTAL</b>						<b>\$ 17,438.92</b>

**OPTION #1 / Rubber Treads, Risers and Rubber on Landings**

Style, Size, Backing, Description	Color Name	Color #	Quantity	UoM	Unit Price	Line Total
SLC43 Carroll Ave Broadloom 12ft w/ attached cushion	Sandy Beach	725	300.00	SY @	\$ 16.16	\$ 4,848.00
SSH/MCA/MCR/MLS Master Step Rubber Tiles 36x36 (8.845 sf per carton) / Landings	TBD	TBD	44.22	SF @	\$ 6.42	\$ 283.89
NuBroadlok Premium Plus Adhesive (Broadloom - 4 gal)			11.00	EA @	\$ 38.56	\$ 424.16
NuBroadlok Latex Seam Sealer (1 case)			1.00	CASE @	\$ 78.21	\$ 78.21
NuBroadlok Edge Sealer (one 8 oz bottle)			4.00	EA @	\$ 16.52	\$ 66.08
M99 High Moisture Adhesive (4 gal)			1.00	EA @	\$ 170.71	\$ 170.71
Installation Broadloom (direct glue down)			240.00	SY @	\$ 6.90	\$ 1,656.00
Removal of Broadloom (direct glue down)			240.00	SY @	\$ 3.45	\$ 828.00
Carpet Disposal			240.00	SY @	\$ 0.72	\$ 172.80
Conventional Furniture Moving (Medium)			240.00	SY @	\$ 4.60	\$ 1,104.00
Moisture Testing			4.00	EA @	\$ 180.69	\$ 722.76
Night/Weekend Labor			240.00	SY @	\$ 3.28	\$ 787.20
Furnish / Install Transition, Standard, Black/Brown/Gold/Silver	Standard Color TBD		60.00	LF @	\$ 3.60	\$ 216.00
Floor Prep - Skim Coating to 1/8 Inch (Labor and Portland Based Material (Excludes Leveling)			2,077.00	SF @	\$ 1.45	\$ 3,011.65

Mohawk  
160 S. Industrial Blvd | Calhoun, GA 30701  
800-554-6637 | www.mohawkgroup.com



Install Base; Standard 4" Vinyl/Rubber Blend; Black/Brown	600.00	LF	@	\$	1.81	\$	1,086.00
<b>OPEN MARKET ITEMS:</b>							
Furnish Base; Standard 4" Vinyl/Rubber Blend; Black/Brown	600.00	LF	@	\$	1.28	\$	768.00
Furnish & Install Vinyl Stringer	150.00	LF	@	\$	5.74	\$	861.00
Furnish & Install StairTread w/ Integrated Riser	84.00	LF	@	\$	38.00	\$	3,192.00
Demo, Prep (skim coat) Rubber Tile Landing Installation	36.00	SF	@	\$	4.46	\$	160.56
Freight	1.00	EA	@	\$	635.00	\$	635.00
<b>Subtotal</b>							<b>\$ 21,072.02</b>
<i>Estimated Sales Tax</i>							<i>\$ -</i>
<b>TOTAL</b>							<b>\$ 21,072.02</b>

**NOTES:**

Based on field measure by: Commercial Interior Concepts Inc

Price includes all work as specifically stated in above description for the quantities stated. Any unforeseen circumstances may require additional labor and can be handled through the change order process.

Standard Floor Prep Includes: light sweeping & hairline crack filling. Any extra unforeseen floor prep: heavy scraping, trench filling, grinding, filling large depressions, leveling, or floating must be approved through a change order.

Other services and ancillary items are available through Mohawk. Prices for other services/ancillary items are negotiated between Mohawk and the customer.

The above freight rates are estimates as fuel surcharges fluctuate weekly.

The above reclamation rates are based on 500 sy per project, rates will vary based on material quantity and fuel surcharges.

Ceramic tile material pricing includes standard profile tile product suitable for light to medium indoor commercial applications.

The above carpet install rates include standard/minimal floor prep, clean-up, etc.

When non-asbestos containing cut-back or any incompatible adhesive is present, existing adhesive has evidence of plasticizer migration, or EcoFlex ICT (PVC) products are being installed, the existing adhesive must be properly removed and Mohawk Group's OptiSeal must be applied over the adhesive residue. Chemical adhesive removers cannot be used to remove old existing adhesives.

<http://www.mohawkgroup.com/sitefiles/PDFs/TMGModularInstallation.pdf>

Prior to installation, Owner is responsible to ensure that substrate falls within moisture tolerance as currently published in Manufacturer's guidelines at

[www.mohawkgroup.com](http://www.mohawkgroup.com).

MohawkOne will only be responsible for quantities if installation is provided by MohawkOne.

Ceramic tile furnish and install, in addition to other stated exclusions herein, excludes accessories, trim pieces, specialty tiles, moisture membranes, flashing, wet area installations, setting materials, grout, transitions, freight and fuel surcharges

Mohawk Carpet Distribution, Inc., License Number Collier County, FL LCC20170002039.

**EXCLUSIONS (unless specifically included in the above scope of work):**

Attic Stock	Cleaning/Waxing of Resilient	Dumpster Cost	Night/Weekend Labor
Bonding Cost	Carpet Cleaning	Asbestos Abatement	Removal & Disposal
Extensive Floor Prep	No thresholds / Door Trimming	Stair Materials	Sales Tax
Protection of Floors	Preformed Corners	Furniture Moving	Phasing
Resilient Flooring	Special Delivery/Equipment	Trip Charges	Mats
Border Carpet	Union Labor	Moisture Testing and Abatement	

TERMS OF PAYMENT: (Subject to Credit Approval)

\* All Materials and Labor - Net 30 Days After Invoice (Material will bill when shipped, labor will bill as phased or upon completion of project).

Prices given are firm for (60) sixty days from proposal date.

Please indicate your acceptance of this proposal by returning your signed purchase order to my attention via fax or email. Should you have any questions, feel free to contact me by phone or e-mail. My contact information is provided below.

**Lead Times:** Please note that we are made to order mill and we cannot commence production of any order until a signed purchase order, or a fully executed contract has been received. Lead times are determined by product ordered. Lead times do not start until after the purchase order or fully-executed contract is received.

**Floor Preparation:** Additional floor preparation may be required as a result of an unforeseen condition of the floor. Costs associated with this floor preparation will be negotiated on a job-to-job basis. Our products perform properly when installed on floors that are free of dirt, oil, paint and excessive moisture. Floors that have moisture readings greater than the manufacturer specified tolerance will not meet specification and will require further curing time or treatment prior to carpet installation. This quote does not include moisture remediation.

We recommend only wet scraping or mechanical removal of all non-water based adhesives.

**Asbestos Abatement:** This quote DOES NOT include asbestos abatement. Neither we nor our installers are responsible for the handling, removal or abatement of asbestos contained floor material or adhesive. Further, our policy is that all abatement of asbestos contained floor material must be removed and that an AHERA report or Clearance Letter from the asbestos surveyor or from the asbestos abatement contractor must be provided before we will proceed with any work in those areas of asbestos concern. We and our installers consider it the owner's responsibility to ensure proper abatement is performed prior to executing this contract.

If any chemical stripping agents such as those commonly used in asbestos abatement have been used, we and our installers may require additional measures be taken prior to installation of any product. These measures may affect the price of this quote.

Sincerely,

**Teresa Scardino**

MohawkOne Project Manager

Phone 706 422-2567  
 Fax 706-422-6172  
 Email [teresa\\_scardino@mohawkind.com](mailto:teresa_scardino@mohawkind.com)  
 Cell 706-847-0885

cc Gus Arana

Mohawk  
 160 S. Industrial Blvd | Calhoun, GA 30701  
 800-554-6637 | [www.mohawkgroup.com](http://www.mohawkgroup.com)



## **EIGHTH ORDER OF BUSINESS**

4 January 2021

Mr. Joe Stephens  
Coral Springs Improvement District (CSID)  
10300 NW 11 Manor  
Coral Springs, FL 33071

RE: Proposal for Underground Storage Tank Closure  
10300 NW 11 Manor  
Coral Springs, FL 33071  
FDEP Fac ID: 8501767  
Tank No. 4R1

Dear Mr. Stephens,

As requested, AECOM Technical Services, Inc. (AECOM) is pleased to provide the following proposal to remove the referenced underground storage tank (UST) and provide the required regulatory reporting.

### **Task 1 – Pre-Removal Soil Borings**

Prior to removal of the UST, AECOM will conduct four soil borings in the vicinity of the UST. An underground utility clearance will be conducted. Sunshine State One Call of Florida will be contacted to coordinate utility mark out at the site. Additionally, a private utility locator will be used to locate underground utilities in the vicinity of the proposed direct push technology (DPT) boring locations. The private utility locator will utilize ground penetrating radar and electromagnetic induction to attempt to locate subsurface utilities. The area will be marked with paint and flags.

In order to evaluate potential subsurface impacts prior to conducting an excavation for UST removal sometime in the future, AECOM will conduct four soil borings in the vicinity of the UST. The soil borings will be conducted via a combination of hand digging and DPT. The borings will be conducted to approximately 12 feet below land surface. AECOM will screen the soil borings in the field utilizing an Organic Vapor Analyzer (OVA) / flame ionization detector (FID). Soil samples will not be collected for laboratory analysis. Four groundwater grab samples will be collected for analysis of volatile organic aromatics (VOAs) by EPA Method 8260B and polycyclic aromatic hydrocarbons by EPA Method 8270.

### **Task 2 – Procurement, Regulatory Notification, and Facility Coordination**

AECOM will procure the services of a licensed Pollutant Storage Specialty Contractor for removal of the UST. AECOM will notify the Broward County Environmental Protection and Growth

Management Department of the planned UST removal. We will coordinate with Coral Springs Improvement District (CSID) to schedule the planned field work so as not to interfere with ongoing operations. AECOM will not conduct a second private underground utility clearance prior to equipment mobilization for the UST removal. We assume CSID will protect the area located in Task 1.

### Task 3 – UST Removal

AECOM will obtain a Broward County tank closure permit and a City of Coral Springs permit. AECOM will oversee the proper removal of the 8,000-gallon double wall fiberglass diesel fuel UST. The associated underground product piping will be removed and properly disposed. The above ground piping will be capped and left in place. In accordance with Florida Department of Environmental Protection (FDEP) guidelines, AECOM will screen excavated soils in the field utilizing an Organic Vapor Analyzer (OVA) / flame ionization detector (FID). Soils that exceed 10 parts per million (ppm) will be stockpiled on site pending transportation and disposal. Additionally, AECOM will conduct soil borings every 20 feet along product piping lines. AECOM will screen the soils with an OVA/FID. The soil sample exhibiting the highest OVA/FID reading from each boring will be submitted to an FDEP-approved laboratory for analysis. Also, soil samples from the “potential source area” (i.e., the fill port) and side walls of the excavation will be collected and submitted to an FDEP-approved laboratory for analysis. Soil samples will be analyzed for total recoverable petroleum hydrocarbons (TRPH) by the FLPRO Method, volatile organic aromatics (VOAs) by EPA Method 8260B, and polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270.

The excavation will be backfilled to grade with excavated soil (less than 10 ppm) and clean fill (i.e., sand) and compacted using two-foot lifts. A surface cover (e.g., grass) will not be installed.

AECOM will mobilize to the site with a licensed water well driller to install one temporary monitoring well in the approximate center of the former excavation. The monitor well will be installed to a depth of 15 feet below land surface with a hollow stem auger drilling rig, and will be constructed using 2-inch diameter, schedule 40 PVC pipe with 0.01 inch slotted screen. A two-foot thick fine-sand seal will be placed on top of the sand filter pack. The remainder of the annulus, from the top of the fine-sand seal to ground surface, will be filled with cement grout. The well will be stubbed up approximately 1 foot above grade and will not be completed with a manhole and concrete pad. A lockable, expandable well plug will be utilized to secure the well head. The newly installed well will be developed by overpumping.

Following the monitor well installation, AECOM will collect groundwater quality samples from the new well. AECOM will slow purge (approximately 500 milliliters per minute) the newly installed monitor well and collect groundwater quality samples pursuant to Section 3.1 of FS 2212 “Well Purging Techniques” under FS 2200 “Groundwater Sampling” in the Standard Operating Procedures for Field Activities, DEP-SOP-001/01. The groundwater quality samples will be placed into laboratory supplied containers and submitted for laboratory analysis of TRPH by the FLPRO Method, VOAs and VOHs by EPA Method 8260B, PAHs by EPA Method 8270, 1,2-dibromoethane (EDB) by EPA Method 8011, and lead by EPA Method 6010.

AECOM will request standard laboratory analytical turnaround of the samples.

### Task 4 – Reporting

AECOM will provide the Coral Springs Improvement District with a Tank Closure Assessment Report (TCAR) documenting the removal and proper disposal of the UST. This report will also include the soil and groundwater analytical data, figures, and tables. The analytical data will be compared to applicable Chapter 62-777, Florida Administrative Code, Soil and Groundwater Cleanup Target Level (CTL) criteria. Recommendations for future work (if warranted) will also be explained in this report. Drafts of the report will be submitted for review/comment by the Coral Springs Improvement District prior to final submittal to the Broward County Environmental Protection and Growth Management Department. The draft report will be submitted to Coral Springs Improvement District within 50 days of completion of UST removal activities so that submittal of the final documents can be made within the regulatory requirement of 60 days.

### Task 5 – Contingency

This task is for unforeseen circumstances and additional work that CSID may request. No work will be undertaken under this task without first obtaining written approval of the scope and cost from CSID.

### Cost Estimate

The cost and terms described herein are valid for up to 30 days from the date of this proposal. AECOM proposes to perform the scope of work described herein on a Time and Materials basis in accordance with the terms of the Broward County Qualified Vendors List for Environmental and Professional Consulting Services Bid #PNC2116615B1.

A summary of the cost estimate for each task is presented below.

TASK DESCRIPTION		TSO COSTS			DIRECT COSTS	TOTAL COSTS
		LABOR	SUBS	LAB		
TASK 1:	Pre-removal Borings	\$906	\$2,400	\$155	\$138	\$3,598
TASK 2:	Procure, H&S, Regulatory Notification, and Facility Coord	\$1,743				\$1,743
TASK 3:	UST Removal	\$7,992	\$24,870	\$2,280	\$1,220	\$36,362
TASK 4:	Reporting TCAR	\$2,919				\$2,919
TASK 5:	Contingency		\$5,000			\$5,000
TASK 6:						
TOTAL		\$13,560	\$32,270	\$2,435	\$1,358	\$49,622

Additionally, a detailed breakdown is shown in **Table 1** that is attached to this proposal. CSID will be billed based on a Time and Material basis based on the labor billing rates shown in **Table 1**.

In the event that additional work is requested, it will be billed at the following rates:

Disposal of Petroleum Contaminated Soil \$21.60/ton (3 ton Min)

Transportation of Contaminated Soil \$21.60/ton (22 ton Min)

Characterization of Contaminated Soil for disposal will be required and will be based on rates provided in Table 1.

Additional Excavation and Stockpiling of Contaminated Soil \$4,110/Day (4 day min)

Additional Backfilling \$4,110/Day (4 day min)

Vacuum Truck for Skimming Product \$350/Mob& De-mob

Vacuum Truck for Skimming Product \$150/hour

Vacuum Truck Energy Fee \$50/Visit

T&D of Petroleum Contact Water \$1.06/gallon

T&D of Sludge (non-haz) \$3.00/gallon

## Statement of Limitations and Assumptions

- City of Coral Springs and Broward County permit fees have been estimated. They will be billed at cost and are subject to be more than the costs presented.
- Assumes 4 days for removal of UST, piping, and subsequent backfill; 0.5 days to install monitoring well, and 0.5 days to sample the well.
- This proposal assumes that all waste materials will be non-hazardous. Up to 500 gallons of wash liquids disposal are included. Any solids present in tanks will be billed at listed unit rates.
- This proposal assumes that tank will be empty prior to mobilization. No costs for removal of residual fuel and/or liquids are included (other than wash water stated above).
- This proposal assumes that minimal sludge is present inside tank.
- This proposal is based on the tank size specified. Additional fees may be incurred if the tank is larger than specified or of a different material.
- Assumes that concrete deadmen and/or tie down slab under the tank can remain in the ground.
- Transportation and Disposal of contaminated soil rates above assume waste acceptance by Clean Earth Moore Haven for disposal.
- AECOM shall not be responsible for damage to any missed or mis-identified underground utilities.
- Client shall sign all disposal manifests as generator.

Please let us know if this proposal is acceptable to you. Your signature in the space provided below will serve as your authorization for this Request and formal AECOM authorization to proceed with the consulting services.

Yours sincerely,



Vivek Kamath, P.E.  
Department Manager  
AECOM



David Hayman, P.E.  
Senior Engineer  
AECOM

Enclosures: Table 1 – Detailed Cost Estimate and Contract Billing Rates

**ACCEPTANCE**

ACCEPTANCE: AECOM is authorized to proceed with the scope of services described herein under the terms of the Broward County Qualified Vendors List for Environmental and Professional Consulting Services Bid #PNC2116615B1. It is understood that the signatory is directly responsible for the payment of services rendered by AECOM.

Total Maximum Authorized: \$49,622

\_\_\_\_\_  
Name

\_\_\_\_\_  
Company

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

**TABLE 1  
COST ESTIMATE FOR CSID 8K UST  
PROJECT COST SPREADSHEET**

<b>PROPOSAL/PROJECT NAME:</b>	<b>CSID 8K GAL UST REMOVAL</b>	<b>PROPOSAL/PROJECT NO.:</b>	<b>TBD</b>
<b>PROPOSAL BY:</b>	<b>JG</b>	<b>DATE:</b>	<b>12/29/2020</b>

TASK 1: Pre-removal Borings	TASK 5:
TASK 2: Procure, H&S, Regulatory Notification, and Facility Coordination	TASK 6:
TASK 3: UST Removal	TASK 7:
TASK 4: Reporting TCAR	TASK 8:
TASK 5: Contingency	TASK 9:
TASK 6:	TASK 10:

**TOTAL ESTIMATED COST: \$49,622**

<b>Professional Labor</b>	<b>Rate (\$/Hour)</b>	<b>Multiplier</b>	<b>TASK 1: (Hours)</b>	<b>TASK 2: (Hours)</b>	<b>TASK 3: (Hours)</b>	<b>TASK 4: (Hours)</b>	<b>TASK 5: (Hours)</b>	<b>TASK 6: (Hours)</b>	<b>TASK 5: (Hours)</b>	<b>TASK 6: (Hours)</b>	<b>TASK 7: (Hours)</b>	<b>TASK 8: (Hours)</b>	<b>TASK 9: (Hours)</b>	<b>TASK 10: (Hours)</b>	<b>Total Hours</b>	<b>Total Cost (\$)</b>	<b>Labor Percent</b>
<b>Catagory</b>																	
Principal	\$ 240.61	1															
Project Manager	\$ 141.27	1															
Professional Engineer	\$ 164.40	1	2	4	10	10									26	\$4,274	23.2%
Professional Geologist	\$ 110.80	1															
Senior Scientist II	\$ 137.27	1															
Senior Scientist I	\$ 115.42	1	5	5	55										65	\$7,502	58.0%
Senior Engineer	\$ 100.00	1		1		8									9	\$900	8.0%
Staff Engineer	\$ 86.73	1															
Scientist II	\$ 77.61	1															
Staff Geologist	\$ 70.00	1															
Senior Technician	\$ 85.87	1															
Technician	\$ 60.94	1															
GIS Specialist	\$ 85.89	1															
CADD Operator	\$ 79.10	1				6									6	\$475	5.4%
Administrative Assitant	\$ 68.11	1		6											6	\$409	5.4%
		1															
<b>Total Labor Hours</b>			7	16	65	24											
<b>Total Labor Dollars</b>			\$906	\$1,743	\$7,992	\$2,919									112	\$13,560	100.0%

**TECHNICAL SERVICES BY OTHERS (TSO)**

Technical Services by Others (TSO)	Rate (\$/Unit)	Unit	TASK 1: (Unit)	TASK 2: (Unit)	TASK 3: (Unit)	TASK 4: (Unit)	TASK 5: (Unit)	TASK 6: (Unit)	TASK 5: (Unit)	TASK 6: (Unit)	TASK 7: (Unit)	TASK 8: (Unit)	TASK 9: (Unit)	TASK 10: (Unit)	Total Units (#)	Total Cost (\$)	Expense Percent
Laboratory																	
<i>water</i>																	
EPA 8260B (BTEX & MTBE + VOHs)	\$80.00	/each	1		1										2	\$160	6.6%
EPA 8270	\$75.00	/each	1		1										2	\$150	6.2%
FL-PRO	\$75.00	/each			1										1	\$75	3.1%
EDB	\$35.00	/each			1										1	\$35	1.4%
lead	\$15.00	/each			1										1	\$15	0.6%
Arsenic (6010)	\$32.00	/each															
Lead (200.7 or 239.2)	\$16.00	/each															
Iron & Zinc	\$35.00	/each															
<i>soil / air</i>																	
VOAs	\$50.00	/each			10										10	\$500	20.5%
PAHs (EPA 8270)	\$75.00	/each			10										10	\$750	30.8%
FL-PRO	\$75.00	/each			10										10	\$750	30.8%
PCBs	\$55.00	/each															
VOHs	\$50.00	/each															
Herbicides	\$120.00	/each															
Pesticides	\$95.00	/each															
Metals (As.Cd.Cr.Pb)	\$60.00	/each															
TCLP extraction	\$60.00	/each															
Metals (As.Cd.Cr.Pb)	\$60.00	/each															
Sub-Total Lab Charges			\$155		\$2,280											\$2,435	
Mark-Up																	
<b>Total Lab Charges</b>			<b>\$155</b>		<b>\$2,280</b>											<b>\$2,435</b>	100.0%



TECHNICAL SERVICES BY OTHERS (TSO) - Continued

OTHER SUBCONTRACTORS	Rate	Unit	TASK 1:	TASK 2:	TASK 3:	TASK 4:	TASK 5:	TASK 6:	TASK 5:	TASK 6:	TASK 7:	TASK 8:	TASK 9:	TASK 10:	Total Units	Total Cost	Expense %
Phone	\$50	/mo.															
Electrical Power	\$0.10	/kWh															
Field Work Unit Costs																	
Monitoring wells (shallow)	\$800	/each			1										1	\$800	2.5%
Contractor Mob for UST remo	\$900	/event															
Removal of USTs	\$21,570	/event			1										1	\$21,570	66.8%
Integrity Test	\$2,000	/event															
Sod	\$2,000	/event															
Contractor Mob for backfill	\$1,440	/event															
30 Barricades	\$21.30	/day															
Transport Soil	\$21.60	/ton															
Soil Disposal	\$21.60	/ton															
Waste Profile	\$100	/source															
Clean Fill (sand)	\$15.20	/ton															
Clean Fill (57 stone)	\$28.80	/ton															
Temp Fence	\$5,000	each															
Waste Profile	\$100	/source															
Uncid Granular	\$505.51	/each															
Unicid Catalyst	\$520.54	/each															
pH Neutralizer	\$26.25	/each															
Backfill (material only)	\$12.50	/ton															
Geoprobos	\$2,000	/day	0.9		0.5										1.4	\$2,800	8.7%
Groundhound	\$600	/event	1												1	\$600	1.9%
Flowmeter	\$1,000.00	/each															
Frac Tank Cleaning	\$895	/each															
Miscellaneous																	
	Rate	Unit	TASK 1:	TASK 2:	TASK 3:	TASK 4:	TASK 5:	TASK 6:	TASK 5:	TASK 6:	TASK 7:	TASK 8:	TASK 9:	TASK 10:	Total Units	Total Cost	Expense %
Broward Co Permit	\$1,000	/event			1										1	\$1,000	3.1%
Coral Springs Permit	\$500	/event			1										1	\$500	1.5%
Purge Water Disposal	\$0.54	/gallon															
Tanker Mob/De-mob	\$1,300.00	/event															
Baker Tank Rental	\$47	/day															
Contingency	\$5,000	/event						1							1	\$5,000	15.5%
Sub-Total Subs			\$2,400		\$24,870		\$5,000									\$32,270	
<i>Mark-Up</i>																	
<b>Total Subs</b>			\$2,400		\$24,870		\$5,000									\$32,270	100.0%
<b>(L) = Includes Lab</b>																	
<b>TOTAL TSOs</b>			<b>\$2,555</b>		<b>\$27,150</b>		<b>\$5,000</b>									<b>\$34,705</b>	

**DIRECT COSTS**

<b>Direct Costs</b>	Rate	Unit	TASK 1:	TASK 2:	TASK 3:	TASK 4:	TASK 5:	TASK 6:	TASK 5:	TASK 6:	TASK 7:	TASK 8:	TASK 9:	TASK 10:	Total Units	Total Cost	Expense
	(\$/Unit)		(Unit)	(Unit)	(Unit)	(Unit)	(Unit)	(Unit)	(Unit)	(Unit)	(Unit)	(Unit)	(Unit)	(Unit)	(#)	(\$)	Percent
<b>Field Equipment</b>																	
Tubing	\$50	/event			1										1	\$50	3.7%
Oil/Water Probe	\$35	/day			1										1	\$35	2.6%
Centrifugal Pump	\$50	/day															
Peristaltic Pump	\$20	/day			1										1	\$20	1.5%
Wellhead Pressure Gauges	\$50	/well															
Field Filters	\$20	/well															
Compressor	\$115	/day															
Multimeter Water Quality	\$140	/day			1										1	\$140	10.3%
Inspection Port Gauges	\$5	/day															
Data Logger	\$150	/day															
Turbidity Meter	\$25	/day			1										1	\$25	1.8%
Petro Flag	\$20	/sample															
Transformer	\$150	/day															
Mini RAM / OVA	\$100	/day	1		5										6	\$600	44.2%
Electronic Voltage Multimeter	\$20	/day															
Generator (20kw)	\$100	/day															
Battery	\$50	/day															
Well riser	\$25	/well															
Well screen	\$25	/well															
Materials + 1 tote	\$200	/event															
Thin Field Book	\$4	/day															
Van/Truck	\$75	/day	0.5		6										6.5	\$488	35.9%
Field Filter	\$20	/well															
diesel for generator/compressor	\$75	/day															
Sub-Total			\$138		\$1,220												\$1,358
Mark-Up																	
<b>Total</b>			<b>\$138</b>		<b>\$1,220</b>										<b>17.5</b>	<b>\$1,358</b>	100.0%
	Rate	Unit	TASK 1:	TASK 2:	TASK 3:	TASK 4:	TASK 5:	TASK 6:	TASK 5:	TASK 6:	TASK 7:	TASK 8:	TASK 9:	TASK 10:	Total Units	Total Cost	Expense %
<b>Travel &amp; Subsistence</b>																	
Car/Van Rental	\$75	/day															#DIV/0!
Mileage	\$0.550	/mile															#DIV/0!
Per Diem	\$10	/day															#DIV/0!
Hotel	\$65	/day															#DIV/0!
Airfare	\$300	/trip															#DIV/0!
Sub-Total																	#DIV/0!
Mark-Up	3%																
<b>Total</b>																	#DIV/0!
	Rate	Unit	TASK 1:	TASK 2:	TASK 3:	TASK 4:	TASK 5:	TASK 6:	TASK 5:	TASK 6:	TASK 7:	TASK 8:	TASK 9:	TASK 10:	Total Units	Total Cost	Expense %
<b>Computer/Phones/Fax</b>																	
Office Service Fee (% of Labor)		/hour															#DIV/0!
Facsimile	\$0.50	/page															#DIV/0!
Postage	\$0.32	/item															#DIV/0!
Overnight Letter	\$8.00	/item															#DIV/0!
Overnight Reports	\$20.00	/package															#DIV/0!
CADD Computer Time	\$18.00	/hour															#DIV/0!
Computer Time	\$12.00	/hour															#DIV/0!
Copies	\$0.10	/page															#DIV/0!
Sub-Total																	
Mark-Up																	
<b>Total</b>																	#DIV/0!
<b>Total Direct Costs</b>			<b>\$138</b>		<b>\$1,220</b>										<b>17.5</b>	<b>\$1,358</b>	

**COST ESTIMATE FOR CSID 8K UST  
PROJECT COST SPREADSHEET  
PROJECT COST SUMMARY**

<b>PROPOSAL/PROJECT NAME:</b>	<b>CSID 8K GAL UST REMOVAL</b>	<b>PROPOSAL/PROJECT NO.:</b>	<b>TBD</b>
<b>PROPOSAL BY:</b>	<b>JG</b>	<b>DATE:</b>	<b>12/29/2020</b>

TASK DESCRIPTION	LABOR	TSO COSTS		DIRECT COSTS	TOTAL COSTS	PERCENT COSTS
		SUBS	LAB			
TASK 1: Pre-removal Borings	\$906	\$2,400	\$155	\$138	\$3,598	7%
TASK 2: Procure, H&S, Regulatory Notification, and Facility Coord	\$1,743				\$1,743	4%
TASK 3: UST Removal	\$7,992	\$24,870	\$2,280	\$1,220	\$36,362	73%
TASK 4: Reporting TCAR	\$2,919				\$2,919	6%
TASK 5: Contingency		\$5,000			\$5,000	10%
TASK 6:						
TASK 5:						
TASK 6:						
TASK 7:						
TASK 8:						
TASK 9:						
TASK 10:						
<b>TOTAL</b>	<b>\$13,560</b>	<b>\$32,270</b>	<b>\$2,435</b>	<b>\$1,358</b>	<b>\$49,622</b>	<b>100%</b>

27%      65%      5%      3%      100%      Checks

15 September 2020

Mr. David McIntosh  
Coral Springs Improvement District (CSID)  
10300 NW 11 Manor  
Coral Springs, FL 33071

RE: Broward County Library of Services  
Underground Storage Tank Discharge  
10300 NW 11 Manor  
Coral Springs, FL 33071

Dear Mr. McIntosh,

As requested, AECOM Technical Services, Inc. (AECOM) (CONTRACTOR) is pleased to offer CSID (OWNER) the terms and conditions of the Broward County Library of Services contract (aka Broward County Qualified Vendors List for Environmental and Professional Consulting Services Bid #PNC2116615B1) for the work to be done related to the recent gasoline discharge associated with the vehicle fueling underground storage tank (UST).

Additionally, The CONTRACTOR and its subcontractors warrant compliance with all federal immigration laws and regulations that relate to their employees. The CONTRACTOR agrees and acknowledges that the OWNER is a public employer subject to the E-Verify requirements as set forth in Section 448.095, Florida Statutes, and that the provisions of Section 448.095, Florida Statutes apply to this Agreement. If the OWNER has a good faith belief that the CONTRACTOR has knowingly hired, recruited or referred an alien who is not authorized to work by the immigration laws or the Attorney General of the United States for employment under this Agreement, the OWNER shall terminate this Agreement. If the OWNER has a good faith belief that a subcontractor performing work under this Agreement knowingly hired, recruited or referred an alien who is not duly authorized to work by the immigration laws or the Attorney General of the United States for employment under this Agreement, the OWNER shall promptly notify the CONTRACTOR and order the CONTRACTOR to immediately terminate the contract with the subcontractor. The CONTRACTOR shall be liable for any additional costs incurred by the OWNER as a result of the termination of a contract based on CONTRACTOR'S failure to comply with E-Verify requirements evidenced herein.

**IF THE CONTRACTOR HAS ANY QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES TO THE CONTRACTORS DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, THE CONTRACTOR SHOULD CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT  
Sandra Demarco**

**210 N. University Drive, Suite 702 Coral Springs, FL 33071**  
**(O) 954.603.0033, Ext. 40532**  
**Email: Sandra.demarco@inframark.com**

Yours sincerely,



Vivek Kamath, P.E.  
Department Manager  
AECOM

**ACCEPTANCE**

ACCEPTANCE: AECOM is authorized to proceed with the scope of services described herein under the terms of the Broward County Qualified Vendors List for Environmental and Professional Consulting Services Bid #PNC2116615B1. It is understood that the signatory is directly responsible for the payment of services rendered by AECOM.

Total Maximum Authorized: \$8,460

\_\_\_\_\_  
Name

\_\_\_\_\_  
Company

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

## **NINTH ORDER OF BUSINESS**



Coral Springs Improvement District  
10800 N.W. 11TH Manor Coral Springs, Fl. 33071

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1/12/2021

TO: CSID BOARD OF SUPERVISORS  
FROM: CURTIS DWIGGINS, FIELD DEPT. MANGER  
RE: CCTV CAMERA WORK, LIFT STATION 9 BASIN

The Field Department wishes to piggyback off the City of Saint Petersburg ITB # 7737 for the purpose of conducting CCTV inspections of lift station 9 basin. LMK, along with 2 other contractors, were awarded the bid based on the range of services provided and individual unit prices. Whereas no single vendor provided a complete list of services requested in the RFB, three contractors were awarded the Bid.

As a note, CSID has Utilized LMK pipe renewals services 3 times in the past on complete basin rehab projects. We have not had issues regarding the product(s) installed, their services nor have we encountered problems with public disturbances, disruptions, or system operations.

Thanks for the consideration,

Curtis J.L. Dwiggins







## LMK PIPE RENEWAL

Attention:

Coral Springs Improvement District  
103300 NW 11<sup>th</sup> Manor  
Coral Springs, FL 33071

LMK Pipe Renewal, LLC agrees to provide Coral Springs Improvement District the opportunity to provide service of cleaning and television gravity sewer mains and laterals under the master contract with City of St. Petersburg, Florida- Contract: SAN Annual CIPP Lining FY20 Project No. 20013-111 LMK Pipe Renewal, LLC further agrees that will also comply with the requirements below in the administration of this contract with the Coral Springs Improvement District.

The CONTRACTOR and its subcontractors warrant compliance with all federal immigration laws and regulations that relate to their employees. The CONTRACTOR agrees and acknowledges that the OWNER is a public employer subject to the E-Verify requirements as set forth in Section 448.095, Florida Statutes, and that the provisions of Section 448.095, Florida Statutes apply to this Agreement. If the OWNER has a good faith belief that the CONTRACTOR has knowingly hired, recruited, or referred an alien who is not authorized to work by the immigration laws or the Attorney General of the United States for employment under this Agreement, the OWNER shall terminate this Agreement. If the OWNER has a good faith belief that a subcontractor performing work under this Agreement knowingly hired, recruited, or referred an alien who is not duly authorized to work by the immigration laws or the Attorney General of the United States for employment under this Agreement, the OWNER shall promptly notify the CONTRACTOR and order the CONTRACTOR to immediately terminate the contract with the subcontractor. The CONTRACTOR shall be liable for any additional costs incurred by the OWNER as a result of the termination of a contract based on CONTRACTOR'S failure to comply with E-Verify requirements evidenced herein.

**IF THE CONTRACTOR HAS ANY QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES TO THE CONTRACTORS DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, THE CONTRACTOR SHOULD CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT**

**Sandra Demarco  
210 N. University Drive, Suite 702 Coral Springs, FL 33071  
(O) 954.603.0033, Ext. 40532  
Email: [Sandra.demarco@inframark.com](mailto:Sandra.demarco@inframark.com)**

Respectfully,

*Frank Schwartz*



**LMK Pipe Renewal, LLC**

Office: 954-772-0075

**Mobile 954-294-6363**

**Email: [Frank@LMKpipe.com](mailto:Frank@LMKpipe.com)**

**Mailing address:**

PO BOX 22413

Ft. Lauderdale, FL 33335

**Physical/shipping address:**

1131 NW 55th Street

Ft. Lauderdale, FL 33309

## **TENTH ORDER OF BUSINESS**

**10A**

**AMENDMENT 1 TO**  
**WORK AUTHORIZATION 159**

Globaltech No. 151132

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 HSP 7 Engine Improvements, hereinafter referred to as the "Specific Project".

**Section 1 – Terms**

NO CHANGE.

**Section 2 – Scope of Work**

Amendment 1 addresses additional work items identified during the replacement of the diesel engine associated with Hight Service Pump (HSP) 7. Additional work items included the following major items:

- Permitting – Permitting the structural modifications with the City of Coral Springs was an exceedingly difficult task despite meeting with the City's staff before the project began. The permitting process took 10-weeks and required that FIRM hire a "special inspector" to perform on-site inspections and then report back to the City. This resulted in additional expenses for FIRM to subcontract and coordinate with the independent special inspector.
- Engine Pedestal – the engine pedestal was to be replaced under the original work authorization. It was planned to remove the existing pedestal, dowel

new rebar into the existing slab, and pour a new larger pedestal to support the new engine. Once work was begun, it became apparent that the slab below the existing pedestal was not thickened nor isolated from the building floor. A new, isolated foundation was then constructed and tied into a new engine pedestal. This change resulted in additional expenses and approximately one week in delay.

- Wall Penetration – As part of the original work authorization, it was proposed to enlarge the wall penetration to install the new engine. It was then planned to install a new, larger louver in the wall penetration to accommodate the additional air flow. Upon removal of the existing louver, it was determined that the wall structure had not been constructed as documented in the record drawings. FIRM re-designed the wall restoration, poured reinforced concrete to create a new sill, columns and beam above the penetration, and coordinated inspections of the additional work with the required special inspector. The proposed lintel to span the opening was not used and is identified as a credit on the change order budget. The revised work resulted in additional charges and approximately 6 days in delay.
- Hurricane Isais threatened south Florida on August 1, 2020. As a result, FIRM was requested to stop work and secure the facility. In addition to lost time, FIRM fabricated a panel to seal the wall penetration and allow HSP 7 to intake air for cooling. This item resulted in additional expenses and approximately 3 days in delays.
- At the request of OWNER's Staff, a new, larger pressure gauge was provided and mounted. New stainless-steel tubing was provided to convey the fluid pressure to the gauge. This change resulted in additional expenses and 1 day in delay.
- FIRM provided significant assistance in the coordination of data signals from the new HSP 7 to the Control Room (out of scope services). In addition, electrical engineering time was invested to resolve an inverter issue associated with providing power to critical instrumentation in the event of a power failure. This item resulted in additional expenses.

- Due to construction execution delays and the aforementioned additional items, the construction sequence extended beyond the scheduled four-week duration. During this time, a temporary pump was on site to serve as an emergency backup in the event of external power and generator failure. An additional 4 weeks of rental time is requested to cover the additional expense associated with the temporary pump.

**Section 3 – Location**

NO CHANGE.

**Section 4 – Deliverables**

NO CHANGE.

**Section 5 – Time of Performance**

The work associated with Change Order No. 1 extended the project duration by over four (4) weeks. No labor or fee is associated with the project delay. The only cost of this item is the extended pump rental fee (previously identified).

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

This Amendment No. 1 to Work Authorization 159 increases the \$253,628.00 contract value by \$29,786.43, to a new final contract amount of \$283,414.43.

<b>Original Contract</b>	<b>\$253,628.00</b>
<b>C.O. #1</b>	<b>\$29,786.43</b>
<b>Final Contract</b>	<b>\$283,414.43</b>

**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 Work Authorization, consisting of five (5) 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  
The foregoing instrument was acknowledged before me on this  
  
\_\_\_\_ day of \_\_\_\_\_, 2021 by  
\_\_\_\_\_  
who is personally known to me OR produced \_\_\_\_\_ as identification.

**ENGINEER**  
Globaltech, Inc.  
Company

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

January 25, 2021  
Date

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

# **Attachment A**

## **Budget Summary**



# Takeoff Worksheet

01/08/21

**Coral Springs Improvement Dist**  
**151132 CSID Improvements to HSP 7 Engine**

Assembly#	Part#	Description	Unit	Quantity	Ext. Price
<b>Job: 151132 CSID Improvements to HSP 7 Engine</b>					
<b>Bid Item: 600 Change Order Proposal</b>					
		Credit			
		Lintel	LOT	-1.00	-738.30
		Installation of Lintel	CR-D	-0.40	-720.00
		Adder			
		Purchasing & Subcontract	HR	12.00	1,548.00
		Construction Superintendent	HR	16.00	1,504.00
		Construction PM 3	HR	16.00	2,064.00
		Construction Assistant	HR	12.00	1,080.00
		CMU Wall Modifications			
		Concrete Repair Sub (Wall)	LOT	1.00	7,992.50
		Special Inspector	LOT	1.00	1,955.00
		Bldg Dept.& Spec.Inspector Insp. Coordination	HR	24.00	3,096.00
		Pump Pedestal			
		Additional Form & Materials	LOT	1.00	615.25
		Concrete Testing	LOT	1.00	805.00
		Installation	CR-D	3.00	5,400.00
		Temporary Site Prep. For Hurricane/Storm			
		Form & Materials	LOT	1.00	307.63
		Installation	CR-D	1.00	1,800.00
		SS Tubing For PG & PIT			
		Pressure Gauge, SS Tubing & Ftgs	LOT	1.00	1,107.45

Takeoff Worksheet

01/08/21

Continued...

Assembly#	Part#	Description	Unit	Quantity	Ext. Price
		Installation	CR-D	0.25	450.00
		CHV Limit Switch&Louver Actuator Modifications			
		Misc. Materials	LOT	1.00	430.68
		Installation	CR-D	0.25	450.00
		Electrical PM	HR	16.00	1,760.00
		Additional Pump Rental Charge	LOT	1.00	12,218.22
		Remaining Allowance	LOT	-1.00	-13,339.00
				<b>Bid Item Totals:</b>	<b>29,786.43</b>
				<b>Grand Totals:</b>	<b>29,786.43</b>

**10B.**

**AMENDMENT 1 TO**  
**WORK AUTHORIZATION 175**

Globaltech No. 151235

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 Stormwater Pump Stations 1 & 2 Hurricane Hardening, 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 \$11,936.00.

**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 175 decreases the \$240,574.00 contract value by \$-11,936.00, to a new final contract amount of \$228,638.00.

<b>Original Contract</b>	<b>\$240,574.00</b>
<b>C.O. #1 – Allowance</b>	<b>-\$11,936.00</b>
<b>Final Contract</b>	<b>\$228,638.00</b>

**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 Work Authorization, consisting of THREE (3) 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  
The foregoing instrument was  
acknowledged before me on this

**ENGINEER**  
  
Globaltech, Inc.  
Company

21 day of January, 2021 by  
Troy L. Lyn  
who is personally known to me OR  
produced \_\_\_\_\_  
as identification.

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

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

January 25, 2021  
Date

**10C.**

## **WORK AUTHORIZATION**

CSID WA #184  
Globaltech No. 151276

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 High Service Pump 7 – Day-Tank and Piping 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. The FIRM shall provide the following services in accordance with the AGREEMENT:

### **Section 2 – Scope of Work**

High Service Pump 7 (HSP7) serves as a secondary backup to the facility generator for the CSID potable water distribution system. In its current state, HSP7 is utilized when both the main electrical feed (FPL) and the backup generator fail. Recently, the pump, associated with HSP7 was replaced as part of WA-139 and the diesel engine was replaced as part of WA-159.

The day-tank associated with HSP 7 is the final piece of original equipment and should be replaced. In its current configuration, diesel fuel is

incrementally transferred from an 8,000-gallon underground fuel tank to the day tank and then feeds the diesel engine. The day tank consists of a single walled, 100-gallon tank with a single transfer pump. This system is outdated and should be replaced with a double walled tank that contains redundant transfer pumps.

The day tank is supplied with diesel fuel from an 8,000-gallon underground fuel tank located approximately 120 feet to the west. Despite being a double-walled fiberglass tank and passing all required soundness tests, the tank is approximately 34 years old and is approaching the end of its service life. To reduce the liability of operating this aging tank, OWNER has decided to abandon the tank in place and supply fuel from an existing 8,000-gallon above ground tank associated with the Water Treatment Plant Generator. In order to modify its supply, a new piping connection is necessary running between the above ground tank and the day tank. The piping will consist of a buried, double-walled pipe running along the south side of the high service pump building between the day tank and the above ground diesel storage tank.

### **Task 1 – Engineering & Project Management**

1. Meet with CSID to review overall project activity and schedule.
2. Prepare detailed construction schedule to include as a minimum; design, permitting, mobilization, detailed construction activities, scheduled shutdowns and durations, equipment/material delivery times, testing, and startup and commissioning.
3. Prepare task order for Cypress Construction Group
4. Prepare mechanical drawings of day tank, transfer pumps, and piping.
5. Prepare process instrumentation drawings for electrical supply and process logic.

6. Prepare permit applications for Broward County Department of Environmental Protection.
7. Review, administer, and track equipment submittals.
8. Coordinate submittal review with OWNER
9. Coordinate material and equipment purchase
10. Schedule and conduct meetings, inspections, and testing with CSID's staff.
11. Provide construction superintendent to periodically document construction activities.
12. Provide startup of equipment
13. Collect manufacturer operation and maintenance information for supplied equipment.
14. Prepare Operation and Maintenance manual for new equipment.
15. Prepare record drawings
16. Conduct facility startup and staff training.
17. Conduct permit closeout

## **Task 2 – Construction of Improvements**

Improvements shall be implemented by FIRM

1. Issue PO for new day-tank system and accessories (4-week lead-time).
2. Cut & cap (or lock out) piping from existing buried fuel tank.
3. Remove and dispose existing day tank, transfer pumps, piping and valves. All equipment will be disposed of in an appropriate facility.
4. Provide and install new double walled, UL certified, nominal 100-gallon day tank. Day tank control panel will be equipped with a low fuel condition notification to energize lead supply pump, critical low condition to energize lag supply pump, high fuel condition alarm to energize return pump and de-energize supply pump and a leak alarm.
5. Provide and install connections, unions, valves and junctions between day tank and new engine.
6. Make electrical and instrumentation connections.

7. Provide and install sump at transition between above and buried fuel line piping.
8. Hand-dig trench from day tank along south side of high service pump building between HSP7 and above ground fuel tank paralleling existing 1-1/4 inch fuel supply line.
9. Furnish and install new single walled black steel (Sch. 40) piping in above ground locations at the connect to the new day tank and the connection to the above ground tank.
10. Furnish and install new double wall fuel piping to include up to 2-inch diameter fiberglass pipe within 3-inch diameter fiberglass secondary containment pipe in all underground locations.
11. Make connections from new and existing piping to transfer and return pumps.
12. Furnish and install new 2-inch galvanized fuel oil vent piping for new day tank along outside exterior wall.
13. Make connections to tank piping on the north end of generator. Connections will be made above ground.
14. Furnish and install one new leak sensor to be installed in new underground transition sump interconnected to existing Pneumercator TMS2000 at existing above ground storage tank.
15. Conduct pressure testing of new diesel line and of day-tank system.
16. Backfill and compact piping trench
17. Clean and restore site.
18. Perform restoration activities to return HSP7 to service.

### **Assumptions**

- Firm is not responsible for permitting fees.
- This project includes a general allowance of \$10,000 to be used at CSID's discretion.

- OWNER's staff has provided all known data and drawings for this project. If additional information is found it will be provided to FIRM to assist with project execution.
- Digital data from the day tank sensors will remain local and will not be transferred to the control room. FIRM will assist OWNER with evaluating additional requirements to transmit data to Water Plant Control Room.
- This work authorization assumes that the existing Pneumercator monitoring system can be used for new leak sensor.
- FIRM will attempt to work around existing sidewalks. If it is necessary to run new return line under the existing sidewalks, firm will request to access allowance to cut and repair sidewalks.
- Firm sequence work to minimize time that system is out of service. New piping will be installed prior to removing existing day tank.
- A temporary fuel system for the diesel engine associated with HSP7 has not been included with this project. Due to the unknown timing of the removal of the buried supply tank, FIRM will coordinate with OWNER to minimize the time that the fuel supply is interrupted. Advanced notification to OWNER will be given when the day tank is switched out to provide OWNER with the opportunity to provide supplemental water source through interconnections. Work will be conducted in such a manner that HSP7 will be isolated from the fuel supply for no more than 4 hours.
- Diesel fuel for day-tank installation will be provided by OWNER.
- Landscaping and / or new sod will be performed by others

### **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:

- Building permit application for the Broward County Environmental Protection
- Submittals for day tank, transfer pumps, logic control, and piping
- Proposed improvements to HSP7 day tank.
- Operation & maintenance manuals for provided equipment.

## Section 5 – Time of Performance

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

Task	Time Elapsed to Subtask Completion
Notice to Proceed (NTP)	0 Days
Prepare Engineering Drawings	2 weeks after NTP
Obtain Permit from BC- EPGM	12 weeks after NTP
Procure Day Tank System & Piping	16 weeks after NTP
Mobilize	8 weeks after NTP
Cap / Isolate piping to existing underground tank	10 weeks after NTP
Install new piping to above ground tank	14 weeks after NTP
Install new day tank	18 weeks after NTP
Pressure test system	19 weeks after NTP
Conduct startup & training	20 weeks after NTP
Substantial Completion	20 weeks after NTP
Permit Closeout	22 weeks after NTP
Site Restoration & Demobilization	22 weeks after NTP
Final Completion	25 weeks after NTP
Contract Closeout	26 weeks after NTP

Substantial completion will be achieved when OWNER obtains beneficial use of the construction improvements or the following milestones have been achieved:

- All piping installed, connected and pressure tested.
- Day tank and vent piping installed and plumbed.



- Day tank filled and leak tested.
- Pumps and level sensors installed and electronically connected.
- System is ready for testing and commissioning.

## **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: **\$88,393**. Price includes a general construction allowance of \$10,000.00.
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 Rick Olson as the FIRM's representative.

**Section 9 – Insurance**

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

**Section 10 – Level of Service**

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

**Section 11 – Indemnification**

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

IN WITNESS WHEREOF, this Work Authorization, consisting of thirteen (13) 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

**ENGINEER**

State of Florida  
County of Palm Beach

Globaltech, Inc.  
Company

The foregoing instrument was  
acknowledged before me on this

\_\_\_ day of \_\_\_\_\_, 2021 by

\_\_\_\_\_  
Signature

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

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

January 25, 2021  
Date

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

# **Attachment A**

## **Budget Summary**



**ATTACHMENT A**

WA#184 - HSP 7 Day-Tank and Piping Improvements

**Engineering and Design Budget Summary**

Task	Task Description	Officer	E6	E4	E2	Adm 3	Adm 1	Total Labor	*Sub-Consultant Services	Sub-Consultants
		\$210.00	\$175.00	\$150.00	\$105.00	\$75.00	\$50.00			
<b>1</b>	<b>Engineering and Project Coordination</b>									
	Project Management		8			2	6			
	Subcontract Management		4				2		0	
	Project Scheduling		2		4					
	Project Coordination		8							
	Project Closeout		4				2		0	
	<b>Subtotal Task 1</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>10</b>	<b>\$ 5,620</b>	<b>0</b>	
<b>2</b>	<b>Construction Improvements</b>									
	Subcontractor (Cypress Construction Group)								61,360	CCG
	Periodic Site Inspections		4	16						
	Startup Services		2	4						
	<b>Subtotal Task 2</b>	<b>0</b>	<b>6</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,050</b>	<b>61,360</b>	
	Labor Subtotal Hours	0	32	20	4	2	10			
	Labor Subtotal	\$0	\$5,600	\$3,000	\$420	\$150	\$500			
	<b>Labor Total</b>							<b>\$ 9,670</b>		
	Subconsultant Labor Total								61,360	
	Subconsultant Multiplier								1.12	
	<b>Subcontract Total</b>								<b>68,723</b>	
	<b>Construction Allowance</b>								<b>\$ 10,000</b>	
	<b>TOTAL</b>								<b>\$ 88,393</b>	

CCG - Cypress Construction Group

## **Eleventh Order of Business**

**Globaltech, Inc.**  
**CSID Engineer's Report**  
**January 25, 2021**

**PROJECTS UNDER CONTRACT**

**WA#159 – Improvements to High Service Pump 7 Engine – Complete**

- All work complete
- Change order on current agenda

**WA#168 – Membrane Train Flush Valve Addition – On Hold until the completion of WA-178**

- Approved by Board – 11/18/19
- Testing has been completed. Awaiting Board direction on whether to proceed with additional two trains.
- Estimated project completion date – currently unknown

**WA#171 – Wastewater Collection System Hydraulic Model – Complete**

- Approved by Board – 3/16/20
- Authorized to conduct additional modeling scenarios – 12/16/20
- Presentation to staff – 1/05/21

**WA#174 – Plant C Structural Reinforcement – In Progress**

- Approved by Board – 4/20/20
- Change order approved – 12/21/20
- Installed grout and caulking under digester tank flange followed by 7-day cure
- Install coating over base of digester tank flange – week of 1/19/21
- Hydraulic testing – 7 days after coating
- Estimated project completion date – 2/19/21

**WA#175 – Stormwater PS 1 & 2 Hardening Construction – Complete**

- Approved by Board – 4/20/20
- All documents submitted to DEM – 12/29/20
- Conducted final inspection with DEM agent – 1/13/21
- Amendment retuning unspent allowance on current agenda

**WA#178 – Membrane Concentrate Backflow Preventer Elimination – In Progress**

- Approved by Board – 4/20/20
- Construction substantially complete – 1/18/21
- Preliminary testing indicates increased flushing flows
- Estimated project completion – 2/26/21

**WA#180 – Canal Site 10 & 10A Assessment and Design – Complete**

- Approved by Board – 9/21/20
- Final Design & cost estimate issued 12/18/20

**Globaltech, Inc.**  
**CSID Engineer's Report**  
**January 25, 2021**

**PROJECTES UNDER CONTRACT (Cont.)**

**WA#181 – WWTP Plant F Magnetic Flow Meter Replacement – In Progress**

- Approved by Board – 9/21
- All materials on site
- Waiting for Plant C to return to service before performing work
- Estimated start date – 3/01/21
- Estimated project completion – 3/14/21

**WA#182 – AWIA Risk Assessment and Emergency Response Plan - In Progress**

- Approved by Board – 10/19
- Completing Utility Risk Index
- Completing Qualitative Risk Assessment
- Began Quantitative Risk Assessment
- Estimated project completion – 12/31/21

**WA#183 – Above Ground Fuel Storage Tanks & Dispensing System – In Progress**

- Approved by Board – 11/16/20
- Tank storage and dispensing design completed (draft) – 1/14/21
- Draft design submitted for staff review – 1/15/21
- Prepared design for new slab and bollards
- Coordinating survey work with Paul Brewer
- Reviewed backfill plan
- Estimated substantial completion – 4/30 (Dependent upon remediation work)

**WA#185 – Production Well 6 Antenna Replacement – In Progress**

- Approved by Board – 12/21/20
- Prepared subcontracts
- Released purchase order for new tower
- Estimated completion – 3/31/21

**WA#186 – Site 10 Canal Bank Construction – In Progress**

- Approved by Board – 12/21/20
- Issued subcontracts
- Obtained maintenance of traffic (MOT) plan – 1/14/21
- Conducted community outreach
- Mobilized equipment – 1/18/21
- Estimated substantial completion – 3/31/21

**WA#188 – Atlantic Blvd. 4-inch Sleeve – In Progress**

- Approved by Board – 12/21/20
- Issued subcontracts to Murphy Pipe and Construction
- Conducted kick-off meeting with CSID staff – 1/08/21
- Preparing MOT data gathering
- Estimated completion – 4/15/21

**Globaltech, Inc.  
CSID Engineer's Report  
January 25, 2021**

**Work Authorizations Under Development**

WA#184 – HSP 7 Day Tank Replacement – on current agenda

WA#187 – 600KW Emergency Generator – February 2021 agenda

WA#XX – Safety & Housekeeping Improvements at PS 1 & 2 – under development