

AWARDS COMMITTEE AGENDA

DATE: Thursday, August 8, 2019

TIME: 10:00 A.M.

PLACE: 21 West Church Street, Tower 8th Floor Conference Room

Safety Briefing

Emergency Exit:	Exit to stairwell located to the left of the elevators
Fire Extinguisher:	Located to the left of stairwell
Headcount:	John Bustamante--Please be sure to sign in
Assembly:	Parking lot diagonally across from Church / Main
Calling 911:	Heather Beard
Security # 6200	Lynn Rix
CPR:	N/A
Safety Buddy	The person to your right is your Safety Buddy.
Safety Hazards:	Please be sure your chair is not blocking the pathway
Cell Phones:	Please place cell phones and all other electronic devices on silent.

Public Comments:

Awards:

1. Approval of the minutes from the last meeting (08/01/2019).
2. 029-19 – Request approval to award a contract to Freedom Landscape and Lawn Maintenance, Inc. for landscape maintenance and chemical spraying for a total not-to-exceed amount of \$1,478,254.80, subject to the availability of lawfully appropriated funds.
3. 112-19 – Request approval to award a contract to JAX Underground Utilities Inc. for construction services for Construction Services for Emory Circle Water Main - From Cornell Rd along Rollins Ave and Tulane Ave to Emory Circle in the amount of \$1,629,239.47, subject to the availability of lawfully appropriated funds.
4. Request approval to award a change order to TB Landmark Construction, Inc., for construction services in the amount of \$111,450.00, for a new not-to-exceed amount of \$554,869.00, subject to the availability of lawfully appropriated funds.

5. Request approval to award a change order to PVS Technologies, Inc., in the amount of \$98,000.00, for a new not-to-exceed amount of \$398,000.00, subject to the availability of lawfully appropriated funds.
6. 123-19 – Request approval to award a one (1) year contract to Netsync for the purchase of HP 3 Par storage equipment and maintenance and support in the amount of \$663,611.20, subject to the availability of lawfully appropriated funds.
7. 122-19 – Request approval to award a one (1) year contract to CDW for the purchase of HP 3 Par storage equipment and maintenance and support in the amount of \$1,367,542.79, subject to the availability of lawfully appropriated funds.
8. 092-19 – Request approval to award a contract to Williams Industrial Services, Inc. for construction services for JEA Nassau Regional WTP Wellhead No. 3 and Water Main Improvements in the amount of \$1,804,630.00, subject to the availability of lawfully appropriated funds.

Informational Item: N/A

Open Discussion: N/A

Public Notice: N/A

General Business: N/A

SPECIAL NOTES: Copies of the above items are available in JEA Procurement, if needed for review. If a person decides to appeal any decision made by the Awards Committee, with respect to any matter considered at this meeting, that person will need a record of the proceedings, and, for such purpose, needs to ensure that a verbatim record of the proceedings is made, which record includes the evidence and testimony upon which the appeal is to be based. If you have a disability that requires reasonable accommodations to participate in the above meeting, please call 665-8625 by 8:30 a.m. the day before the meeting and we will provide reasonable assistance for you.

08-08-2019 Awards Committee

<u>Award #</u>	<u>Type of Award</u>	<u>Business Unit</u>	<u>Estimated/ Budgeted Amount</u>	<u>Amount</u>	<u>Awardee</u>	<u>Term</u>	<u>Summary</u>
1	Minutes	N/A	N/A	N/A	N/A	N/A	Approval of minutes from the 08/08/2019 meeting.
2	Invitation To Negotiate (ITN) 2 Respondents	McCarthy	\$2,226,965.00	\$1,478,254.80	Freedom Landscape and Lawn Maintenance, Inc.	One (1) Year w/Two (2) – Two (2) Yr. Renewals	<p><u>Facilities Landscaping Maintenance–Open Market</u></p> <p>The contract details are below:</p> <ul style="list-style-type: none"> • Budget: \$2,226,965 (FY2020) • NTE Amount: \$1,478,254.80 (1 year term)
3	Invitation for Bid (IFB) 7 Bidders	Calhoun	\$1,286,336.00	\$1,629,239.47	JAX Underground Utilities, Inc.	Project Completion	<p><u>Construction Services for Emory Circle Water Main - From Cornell Rd along Rollins Ave and Tulane Ave to Emory Circle</u></p> <p>The project details are below:</p> <ul style="list-style-type: none"> • Original Project Budget: \$1,296,953.00 <ul style="list-style-type: none"> ○ Engineering Estimate: \$184,907.00 (CPH) ○ Construction Estimate: \$1,024,907.00 ○ Internal JEA Costs: \$87,116.00 • Revised Budget: \$1,505,075.00 (100% Design) <ul style="list-style-type: none"> ○ Revised Engineering Cost: \$127,739.00 (15% of Revised Construction Costs) ○ Revised Construction Cost: \$1,286,336.00 ○ Revised Internal JEA Costs: \$91,000.00 • Estimate at Completion: \$1,896,175.42.00 <ul style="list-style-type: none"> ○ Engineering Cost: \$127,739.00 ○ Actual Construction Cost: \$1,677,436.42 ○ Internal JEA Costs: \$91,000.00 • Original Project Schedule: <ul style="list-style-type: none"> ○ Engineering Completion: November 2018 ○ Construction Completion: April 2019 • Revised Project Schedule: <ul style="list-style-type: none"> ○ Engineering Completion: September 2019 ○ Construction Completion: March 2020
4	Change Order	Calhoun	\$443,419.00 (original award amount)	\$111,450.00 (change order) \$554,869.00 (NTE)	TB Landmark Construction, Inc.	Project Completion	<p><u>Main Street Horizontal Directional Drilling (HDD) Force Main</u></p> <p>The project details are below:</p> <ul style="list-style-type: none"> • Original Project Budget: \$1,009,818.00 <ul style="list-style-type: none"> ○ Engineering Estimate: \$189,518.00 ○ Construction Estimate: \$757,937.00 ○ Internal JEA Costs Estimate: \$62,363.00 • Revised Project Budget/Estimate at Completion: \$1,869,419.00 <ul style="list-style-type: none"> ○ Engineering Cost: \$198,926.00 (Constantine Engineering) - (12.4% of Construction Costs) <ul style="list-style-type: none"> ▪ Engineering Cost (HDD only): \$0.00 (due to constructability issues, HDD portion was re-designed at no cost to JEA) ○ Construction Cost: \$1,980,869.00

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							<ul style="list-style-type: none"> ▪ Original Construction Scope: \$1,018,458.00 (Callaway Contracting bid) ▪ Additional Direct Costs: \$1,600.00 (JEA Supplied Labor & Materials) ▪ Construction Change Order 1: \$99,000.00 (Jack & Bore second attempt including credits) ▪ Construction Change Order 2: \$47,000.00 (additional maintenance of traffic) ▪ HDD Construction: \$549,669.00 (TB Landmark - this award) <ul style="list-style-type: none"> ○ Internal JEA Costs Estimate: \$61,016.00 • Original Project Schedule: <ul style="list-style-type: none"> ○ Engineering Completion, Total Project: December 2016 ○ Construction Completion: February 2018 • Revised Project Schedule: <ul style="list-style-type: none"> ○ Engineering Completion, Original Project: February 2017 <ul style="list-style-type: none"> ○ HDD re-design completion: December 2018 ○ Construction Completion: <ul style="list-style-type: none"> ▪ Open Cut Construction Completion: January 2019 ▪ HDD Construction Completion: January 2020
5	Contract Increase	Calhoun	\$300,000.00 (original award)	\$98,000.00 (contract increase) \$398,000.00 (NTE)	PVS Technologies, Inc.	Project Completion	<p><u>Ferric Chloride 37-42% for a Study in PH Reduction and Struvite Control</u></p> <p>Purchase of an additional 60 days' worth of struvite and pH control chemicals for Wastewater, following a successful pilot.</p> <ul style="list-style-type: none"> • Same unit pricing (\$1.46/gal) • Contract increase will provide coverage while formal solicitation is underway.
6	Invitation to Negotiate (ITN) 6 Respondents	Eads	\$1,200,000.00	\$663,611.20	Netsync Network Solutions, Inc.	One-Time Purchase	<p><u>Cisco Servers and 1yr Support for Oracle C2M Project</u></p> <p>The contract details are below:</p> <ul style="list-style-type: none"> • Budget: \$1,200,000.00 • NTE Amount: \$663,611.20
7	Invitation to Negotiate (ITN) 2 Respondents	Eads	\$1,700,000.00	\$1,367,542.79	CDW Government, LLC	One-Time Purchase	<p><u>HP 3 Par Storage and 3yr Support for Oracle C2M Project</u></p> <p>The contract details are below:</p> <ul style="list-style-type: none"> • Budget: \$1,700,000.00 • NTE Amount: \$1,367,542.79
8	Invitation for Bid (IFB) 2 Bidders	Calhoun	\$1,983,000.00	\$1,804,630.00	Williams Industrial Services, Inc.	Project Completion	<p><u>JEA Nassau Regional Water Treatment Plant (WTP) Wellhead No. 3 and Water Main Improvements</u></p> <p>The project details are below:</p>

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							<ul style="list-style-type: none"> * Original Project Budget: \$2,735,300.00 <ul style="list-style-type: none"> o Engineering Estimate: \$475,000.00 o Construction Estimate: \$1,938,300.00 o Internal JEA Costs: \$322,000.00 * Revised Budget: \$2,796,050.00 (100% Design) <ul style="list-style-type: none"> o Revised Engineering Cost: \$673,553.00 (Design firm: CH2M Hill, 35% of Estimated Construction Costs) <ul style="list-style-type: none"> o Revised Construction Cost: \$1,938,300.00 o Revised Internal JEA Costs: \$184,197.00 * Estimate at Completion: \$2,662,380.00 <ul style="list-style-type: none"> o Engineering Cost: \$673,553.00 o Actual Construction Cost: \$1,804,630.00 o Internal JEA Costs: \$184,197.00 * Original Project Schedule: <ul style="list-style-type: none"> o Engineering Completion: December 2017 o Construction Completion: August 2018 * Revised Project Schedule: <ul style="list-style-type: none"> o Engineering Completion: April 2019 o Construction Completion: March 2021
Total Award				\$7,152,728.26			

AWARDS COMMITTEE MINUTES

Awards Committee met on **August 1, 2019**, in the Conference Room, 8th Floor, JEA Tower, 21 West Church Street, Jacksonville, Florida. The meeting was called to order at 10:01 a.m.

Members in attendance were Joe Perez as Chairperson, Kristina Quarterman as Budget Representative, Emerson Lotzia as General Counsel Representative; with John McCarthy, Steve Tuten, Deryle Calhoun, and Caren Anders as voting Committee Members;

Lynn Rix, Cecil Camacho, John Bustamante, David King, Dan Kruck, Rachelle Weir, Maurice Scarboro, Elaine Selders, Chrissy Nunziato, Nathan Rouse, Elizabeth DiMeo, Pete Hallock, Kenny Pearson, Charles Blevins, Bryan Brown, Thaliah Smith, Melinda Ruiz, Paul Thomas, and Mickhael Sulayman

Awards:

1. Approval of the minutes from the last meeting (07/25/2019). **APPROVED**
2. Request approval to award a change order to Mott MacDonald Florida, LLC for additional services during construction, for the Walnut Street Trunk Sewer Replacement project in the amount of \$560,815.00, for a new not-to-exceed amount of \$1,159,031.00, subject to the availability of lawfully appropriated funds. **APPROVED**
3. Request approval to award a change order to TB Landmark Construction Inc. for Phase 2 services for the Walnut St. Emergency Bypass Force Main project in the amount of \$1,137,299.74, for a new not-to-exceed amount of \$1,351,559.82, subject to the availability of lawfully appropriated funds. **APPROVED**
4. 096-19 – Request approval to award a contract to J. B. Coxwell Contractors, Inc. for construction services for Walnut Street Gravity Sewer Replacement in the amount of \$9,182,560.44, subject to the availability of lawfully appropriated funds. **APPROVED W/DISCUSSION**
5. 095-19 - Request approval to award a contract to WEG Transformers USA (\$2,708,100.00) and WESCO Distribution Inc. (\$449,387.00) for the supply of Three-Phase Transformers carried in JEA's inventory stock, subject to the availability of lawfully appropriated funds. **APPROVED W/DISCUSSION**
6. 090-19 – Request approval to award a contract to United Brothers Development Corp. for construction services for the Biltmore ‘C’ Septic Tank Phase Out project in the amount of \$16,100,000.00, subject to the availability of lawfully appropriated funds. **APPROVED W/DISCUSSION**
7. Request approval to award a change order to Mittauer & Associates Inc for additional services during construction for the Biltmore ‘C’ Septic Tank Phase-Out in the amount of \$684,986.00, for a new not-to-exceed amount of \$1,741,168.00, subject to the availability of lawfully appropriated funds. **APPROVED**
8. Request approval to award a contract extension to Memorial Occupational Medicine for Occupational Medical Services in the amount of \$776,072.00 for a new not-to-exceed amount of \$2,874,572.00, subject to the availability of lawfully appropriated funds. **APPROVED**

9. Request approval to award a contract to Big Top Manufacturing Inc., in the amount of \$380,600.00 and Big Top Services Inc. in the amount of \$69,700.00 for the PSSC DMS Aggregate Material Cover project for a total of \$450,300.00, subject to the availability of lawfully appropriated funds.

APPROVED W/DISCUSSION

10. Request approval to award a contract to JB Coxwell Contracting, Inc. for design/build services for the Ramona Blvd. – WM replacement – Cahoon to Hammond project in the amount of \$475,871.00, subject to the availability of lawfully appropriated funds. **APPROVED W/DISCUSSION**

Informational Item: N/A

Ratifications: N/A

Public Comments: N/A

Adjournment: 10:25 a.m.



Formal Bid and Award System

Award #2 August 8, 2019

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Request #: 6443
Requestor Name: Dunning, Shawn T. & Vu, Jaclyn M. (KGS)
Requestor Phone: (904) 665-6184
Project Title: Facilities Landscaping Maintenance-Open Market
Project Number: 30801 & HED0101 (KGS)
Project Location: JEA
Funds: O&M
Budget Estimate: \$2,209,965.00 & \$17,000.00 for KGS (FY 2020)

Scope of Work:

It is the intent of this solicitation to secure economical pricing for basic landscape maintenance and chemical spraying of all JEA facilities. These services must be performed in a safe manner, and the results must be aesthetically pleasing as these facilities represent JEA to our customers. The specifications also ensure that the Contractor performs these maintenance activities with skilled personnel in a safe and professional manner adhering to all JEA, City, County and State regulations and requirements. Work will be performed at approximately 845 JEA facilities located in Duval, Nassau, St. Johns and Clay Counties in Florida as listed in Appendix B - Response Workbook. These locations include exteriors of buildings, lots, lift stations, electric substations, wells, water treatment plants, waste water treatment plants, communication towers, road access, fences, area around electric power lines, highway, exterior of generating plants, and trails.

This award will impact the following Measures of Value:

- Community Impact Value: This contract will maintain and provide an aesthetically pleasing landscape at JEA facilities.

JEA IFB/RFP/State/City/GSA#: 029-19
Purchasing Agent: Selders, Elaine L.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
FREEDOM LANDSCAPE AND LAWN MAINTENANCE, INC.	Zakee Farquan	Zakee0126@gmail.com	7372 Smyrna Street, Jacksonville FL 322108	(904) 343-9714	\$1,478,254.80

Amount for entire term of Contract/PO: \$1,478,254.80
Award Amount for remainder of this FY: \$148,099.00 & \$1,250.00 (KGS)
Length of Contract/PO Term: One (1) Year w/Two (2) – Two (2) Yr. Renewals
Begin Date (mm/dd/yyyy): 09/01/2019
End Date (mm/dd/yyyy): 08/31/2020
Renewal Options: YES - Two (2) - Two (2) Yr. Renewals

JSEB Requirement:

Forty Percent (40%) Evaluation Criteria

Comments on JSEB Requirements:

Freedom Landscape and Lawn Maintenance, Inc. is a JSEB.

RESPONDENTS:

Name	First Round	BAFO	Rank	Score
FREEDOM LANDSCAPE AND LAWN MAINTENANCE, INC.	\$1,581,090.50	\$1,478,254.80	1	91.03
J&D MAINTENANCE AND SERVICES	\$2,046,263.90	\$1,866,248.90	2	83.69

Background/Recommendations:

Advertised on 12/14/2018. Seven (7) prime contractors attended the optional pre-response meeting held on 12/19/2018. At response opening on 01/15/2019, JEA received two (2) Responses. JEA evaluated the companies on price, professional experience and quality metrics. J&D Maintenance and Services of North Florida LLC and Freedom Landscape and Lawn Maintenance, Inc. were short-listed and invited to submit Best and Final Offers (BAFO). Freedom Landscape and Lawn Maintenance, Inc. was deemed the highest ranked Responsive and Responsible Respondent. JEA made the decision to modify the term of this contract to one (1) year initially with renewal options due to the onboarding of a new vendor. A copy of the Response Form and Workbook are attached as backup.

When comparing the price between the current contract and the new contract, it resulted in a 32% savings, or \$279,460.76, for the one (1) year term after normalizing the cuts and sites. The award amount of \$1,478,254.80 is within the forecasted budget estimate, which accounts for a fifty percent (50%) increase in the number of cuts per year. The previous contract only allowed for fifteen (15) cuts per year for the majority of the sites, which created a number of defects so the decision was made to return to the old cut schedule of thirty (30) cuts per year per site. The Kennedy Generating Station (KGS) site was added to this solicitation as it was previously bid out separately. The quantity of services for the KGS site are unique and require different frequencies. When comparing the price between the current KGS contract and the new KGS pricing, it resulted in a 63% savings, or \$17,080, for the one (1) year term. The unit prices are fixed for the term of the contract.

Procurement tracks two different types of savings. The total cost difference is comparing the current pricing with the proposed pricing (+/-). The total sourcing savings is determined by negotiations, BAFO savings and value added savings. Below is the result for this award:

- Total cost difference: \$296,540.76 (Calculated by comparing the average cost per site in 2016 for cuts to the cost of 2019, normalizing the sites and cuts to match 2016.)

029-19 – Request approval to award a contract to Freedom Landscape and Lawn Maintenance, Inc. for landscape maintenance and chemical spraying for a total not-to-exceed amount of \$1,478,254.80, subject to the availability of lawfully appropriated funds.

Manager: Crane, Christopher T. - Manager, Facilities Operations
Director: McElroy, Alan D. - Dir, Operations Support Services
VP: McCarthy, John P. - Dir, Supply Chain Management

APPROVALS:

 8/8/19

Chairman, Awards Committee

Date

 08/08/2019

**Financial Analyst,
Manager, Capital Budget Planning**

Date

ADDENDUM 4 BAFO - APPENDIX B - RESPONSE FORM
029-19 FACILITIES LANDSCAPE MAINTENANCE - OPEN MARKET

RESPONDENT INFORMATION:

RESPONDENT NAME: FREEDOM LANDSCAPE & LAWN MAINT. I
 BUSINESS ADDRESS: 7232 SMYRNA ST
 CITY, STATE, ZIP CODE: JACKSONVILLE, FL 32208
 TELEPHONE: 904-343-9714
 FAX: 904-328-3810
 EMAIL OF CONTACT: fourzsh@hotmail.com
 WEBSITE: _____

1.4.1.1. QUOTATION OF RATES - BAFO

Respondent shall provide pricing for the Contract by completing **Appendix B - Response Workbook and Response Form**. The rates provided shall be all-inclusive and shall include all profit, taxes, benefits, travel, and all other overhead items.

Please note, the rates or lump sums quoted by Respondent on the Response Form must be firm prices, not estimates. ANY MODIFICATIONS, EXCEPTIONS, OR OBJECTIONS CONTAINED WITHIN THE PROPOSAL FORM SHALL SUBJECT THE PROPOSAL TO DISQUALIFICATION.

Description of Services	Total Three (3) Year Response Price
Total Three (3) Year Response Price for all Districts Combined - Transfer total from Appendix B - Response Workbook (Includes Districts 2D, 3A, 3B, 3C, 6ESS, 7WTR and KGS)	\$4,431,056.40

\$4,434,764.40 - Three years

\$1,478,254.80 - One year

Respondent's Certification

By submitting this Response, the Respondent certifies (1) that the Respondent has read and reviewed all of the documents pertaining to this RFP and agrees to abide by the terms and conditions set forth therein, (2) that the person signing below is an authorized representative of the Respondent, and (3) that the Respondent is legally authorized to do business and maintains an active status, in the State of Florida. The Company certifies that its recent, current, and projected workload will not interfere with the Respondent's ability to Work in a professional, diligent and timely manner.

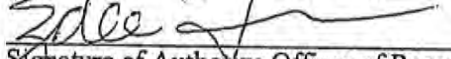
The Respondent certifies, under penalty of perjury, that it holds all licenses, permits, certifications, insurances, bonds, and other credentials required by law, contract or practice to perform the Work. The Respondent also certifies that, upon the prospect of any change in the status of applicable licenses, permits, certifications, insurances, bonds or other credentials, the Respondent shall immediately notify JEA of status change.

Please initial below:

ZF (Initials) I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

ADDENDUM 4 BAFO - APPENDIX B - RESPONSE FORM
029-19 FACILITIES LANDSCAPE MAINTENANCE - OPEN MARKET

We have received addenda 1 through 4


Signature of Authorize Officer of Respondent or Agent

ZAKEE ZURQAN
Printed Name & Title

4/9/19
Date

904-343-9714
Phone Number

Addendum 4 - BAFO - Appendix B - Response Workbook

029-19 Landscape Maintenance - Open Market

Company Name:		FREEDOM LANDSCAPE AND LAWN
Scope of Work : It is the intent of this solicitation to secure economical pricing for basic landscape maintenance. These services must be performed in a safe manner, and the results must be aesthetically pleasing as these facilities represent JEA to the rate-paying public.		
District 2D Annual Total Response Price	\$84,048.00	\$85,284.00
District 3A Annual Total Response Price	\$107,484.00	
District 3B Annual Total Response Price	\$115,620.00	
District 3C Annual Total Response Price	\$97,215.00	
District 6ESS Annual Total Response Price	\$422,161.80	
District 7WTR Annual Total Response Price	\$640,590.00	
KGS Annual Total Response Price	\$9,900.00	
TOTAL ANNUAL RESPONSE PRICE FOR ALL DISTRICTS COMBINED	\$1,477,018.80	\$1,478,254.80
TOTAL THREE (3) YEAR RESPONSE PRICE FOR ALL DISTRICTS COMBINED	\$4,431,056.40	\$4,434,764.40

Company Name: FREEDOM LANDSCAPE & LAWN MAINTENANCE, INC.

Regularly Scheduled Maintenance and Landscape Activities DISTRICT 2D

Provider shall submit per visit pricing in the yellow cells indicated below. In addition to the Regularly Scheduled Maintenance and Landscaping Activities described in Section 11.1 of "Appendix A - Technical Specifications", all bid prices shall include all charges including but not limited to waste disposal, permitting requirements, PPE, administrative costs, travel, fuel, parts, tools and materials to complete the service. The estimated one year quantities are to be used as published and are not a guarantee of work.

ITEM NO	ADDRESS	FACILITY TYPE	VISITS PER MONTH												VISITS PER YEAR	UNIT OF MEASURE	CHEMICAL SPRAYING PER YEAR	COST PER APPLICATION OF CHEMICALS	COST PER VISIT	COST PER YEAR
			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP						
			2	2	2	0	0	2	2	4	4	4	4	4						
2D.2	Elhel Rd - 16536	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.3	Digby Ln - 6671	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	This cell will auto calculate
2D.4	Roverstone Way - 11291	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	This cell will auto calculate
2D.5	Dunn Ave - 6678	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.6	Copper Hill Rd - 10873	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.7	Woodley Creek Blvd - 10340	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.8	Apple Blossom Trail E - 10922	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.9	Robert Masters Blvd - 11355	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.10	Key Haven Blvd - 10800	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.11	Campus Heights Ln - 11022	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.12	Anderson Wood Dr - 4172	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.13	Wingate Rd - 11127	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.14	Wingate Rd - 10759	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.15	Copper Rd - 3327	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.16	Copper Rd - 3230	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.17	Lem Turner Rd - 10660	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.18	Dunn Ave W - 3000	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.19	Natalie Dr - 10965	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.20	Jerry Adams Dr - 11477	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.21	Spring Board Dr - 11651	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.22	Armsdale Rd - 3194	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.23	Alexandra Dr - 12193	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.24	Austin Creek Rd - 2152	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.25	Sawtooth Oak Ct - 10901	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.26	Centricwood Court - 10446	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.27	Broward Rd - 2518	Lot	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.28	Broward Rd - 2188	Lot	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.29	Broward Rd - 1915	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.30	Menlo Ave - 1347	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.31	Haverford Rd - 10103	Lot	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.32	Broward Rd - 1530	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.33	Island Point Dr - 1265	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.34	Broward Rd - 1001	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.35	Interstate Center Dr - 10109	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.36	Monaco Dr - 10216	Well	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.37	Monaco Dr - 10402	Well	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.38	Monaco Dr - 10610	Well	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.39	Balmoral Cir N - 528	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.40	Regency Dr - 10997	Lot	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.41	Harts Rd - 10991	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.42	Forest Dale Rd - 11221	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.43	Harts Rd - 11305	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.44	Sunken Meadow Ct - 11560	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.45	Turtle Creek Rd N - 1219	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.46	Tortoise Way - 1000	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.47	Harts Rd - 12266	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.48	Biscayne Blvd - 12300	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.49	Biscayne Grove Ln - 1406	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.50	Biscayne Blvd - 11717	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.51	Longwood Key Dr. E - 11610	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.52	Secretariat Ln W - 11381	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.53	Ray Green Dr - 1820	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.54	Oak Lawn Rd - 11487	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618
2D.55	Smith Pointe Dr - 2057	Lift Station	2	2	2	0	0	2	2	4	4	4	4	4	4	12	\$11.50	\$16.00	\$16.00	618

618
618

2D.121	Moose Rd - 12629	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.122	Glenn Hollow Dr - 12293	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.123	Ayrshire St E - 12621	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.124	New Berlin Rd - 3401	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.125	Ringsneck Dr - 3763	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.126	Cedar Point Rd - 3881	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.127	Cattle Crossing Way - 5503	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.128	Clapboard Creek Dr - 5204	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.129	Sawpit Rd - 15770	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.130	Worcester - 530	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.131	Sandle Dr - 6794	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.132	Hutton Lane - 16073	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.133	Yellow Bluff Rd - 12771	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.134	Yellow Bluff Rd - 14422	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.135	Rousen Cove Dr - 12716	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.135	Chitwood Dr - 10931	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.136	Hampton Creek Rd - 5609	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.137	Dunn Ave - 11205	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
2D.138	Gillespie Gardens Dr - 304	Lift Station	2	2	0	0	2	2	4	4	4	4	4	4	4	4	4	4	4	30	per visit	12	\$11.50	\$16.00	618		
District 2D Annual Total Response Price																						S	1,564.00	S	2,208.00	S	84,048.00

\$85,284.00

**Formal Bid and Award System**

Award #3 August 8, 2019

Type of Award Request: BID (IFB)
Request #: 6634
Requestor Name: Betancur, Maria A.
Requestor Phone: (904) 665-6960
Project Title: Construction Services for Emory Circle Water Main - From Cornell Rd along Rollins Ave and Tulane Ave to Emory Circle
Project Number: 8004886
Project Location: JEA
Funds: Capital
Budget Estimate: \$1,286,336.00 (Construction Budgeted for this work)

Scope of Work:

This project is to replace approx. 7,100 linear feet (LF) of aging 6-inch cast iron water mains with 5,400 LF of 8-inch and 1,700 LF of 6-inch along Emory Cir., Vassar Rd., Tulane Ave. and Rollins Ave. This area has had multiple customer complaints concerning poor pressures and repeated maintenance issues.

This project will impact the following Measures of Value:

- **Customer/Community Value:** This project will address pressure drops, bad odors and dirty water as reported from customers due to tuberculated, old and undersized cast iron water mains, as well as help improving safety by adding fire hydrants to the area.

JEA IFB/RFP/State/City/GSA#: 112-19
Purchasing Agent: King, David
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
JAX UNDERGROUND UTILITIES, INC.	Giovanni Nozzolillo	juu@bellsouth.net	2260 St. Johns Bluff Rd. South, Jacksonville, FL 32246	(904) 726-1963	\$1,629,239.47

Amount for entire term of Contract/PO: \$1,629,239.47
Award Amount for remainder of this FY: \$140,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 09/12/2019
End Date (mm/dd/yyyy): Project Completion (Expected: 03/2020)
JSEB Requirement: Ten Percent (15%) Goal

Comments on JSEB Requirements:

Donna J Hamilton (Mechanical Materials) – 13.4%
R. E. Holland & Associates (Surveying) – 2%
ABC Cutting Contractors Inc. (Saw Cutting) – 1%

BIDDERS:

Name	Amount
JAX UNDERGROUND UTILITIES, INC.	\$1,629,239.47
KIRBY DEVELOPMENT, INC.	\$1,677,436.42
T B LANDMARK CONSTRUCTION, INC.	\$1,743,792.00
GRIMES UTILITIES	\$1,861,007.62
UNITED BROTHERS DEVELOPMENT CORPORATION	\$1,942,658.20
JAX UTILITIES MANAGEMENT, INC.	\$1,995,007.30
T.G. UTILITIES COMPANY, INC.	\$2,129,947.00

Background/Recommendations:

Advertised on 06/21/2019. Nine (9) prime contractors attended the mandatory pre-bid meeting held on 06/28/2019. At Bid opening on 07/23/2019, JEA received seven (7) Bids. JAX Underground Utilities Inc. is the lowest responsive and responsible Bidder. A copy of the Bid Form and workbook are attached as backup.

The project details are below:

- Original Project Budget: \$1,296,953.00
 - Engineering Estimate: \$184,930.00
 - Construction Estimate: \$1,024,907.00
 - Internal JEA Costs: \$87,116.00
- Revised Budget: \$1,505,075.00 (100% Design)
 - Revised Engineering Cost: \$127,739.00 (CPH, 12% of Estimated Construction Costs)
 - Revised Construction Cost: \$1,286,336.00
 - Revised Internal JEA Costs: \$91,000.00
- Estimate at Completion: \$1,896,175.42
 - Engineering Cost: \$127,739.00
 - Actual Construction Cost: \$1,677,436.42
 - Internal JEA Costs: \$91,000.00
- Original Project Schedule:
 - Engineering Completion: November 2018
 - Construction Completion: April 2019
- Revised Project Schedule:
 - Engineering Completion: September 2019
 - Construction Completion: March 2020

Major Changes/Issues:

JEA received several questions from bidders asking for clarification of quantities and case types. The Project Manager did a full review of the drawings and workbook to respond to the bidders. An updated workbook was issued with Addendum 2. Quantities increased due to JEA's quantities verification QA/QC of final design drawings for: Replacement of asphalt per COJ standards, number of water meter replacements or reconnecting, length of abandoning of existing 6-in water pipe, number of fire hydrants needed to be replaced or installed new, removal of driveways, asphalt milling and overlaying, water meter boxes replacement, and 6-in and 8-in gate valves. Additionally, JEA saw unit price cost increases from 100% design estimate for the 8-in and 6-in restraints, removal of curb and gutter, abandoning of 4-in

existing water pipe, and general conditions percentage. The engineering firm missed these items and a performance review meeting was held to address these design issues.

Schedule Delays:

Survey completion took two months instead of one, 60% design was rejected three times, 90% design was rejected twice due to design issues. This was indicated to the design firm during a performance review meeting. This project was designed under the small diameter pipe contract, which has now expired and rebid, with different engineering firms.

112-19 – Request approval to award a contract to JAX Underground Utilities Inc. for construction services for Construction Services for Emory Circle Water Main - From Cornell Rd along Rollins Ave and Tulane Ave to Emory Circle in the amount of \$1,629,239.47, subject to the availability of lawfully appropriated funds.


Manager: DiMeo, Elizabeth A. - Mgr W/WW Project Management
Director: Conner, Sean M. - Dir W/WW Project Engineering & Construction
VP: Calhoun, Deryle I. - VP/GM Water Wastewater Systems

APPROVALS:

 8/8/19

Chairman, Awards Committee

Date

 08/08/2019

Financial Analyst,

Manager, Capital Budget Planning

Date

Appendix B - Bid Form

112-19 Construction Services for Emory Circle Water Main - From Cornell Rd. along Rollins Ave and Tulane Ave to Emory Circle

Submit an **original, two (2) copies and one (1) thumb drive** along with other required forms in a sealed envelope to: JEA Procurement Dept., 21 W. Church St., Bid Office, Customer Center, 1st Floor, Room 002, Jacksonville, FL 32202-3139.

Company Name: JAX Underground Utilities Inc.

Company's Address: 2260 St. Johns Bluff Rd. South

License Number: CUC1224111

Phone Number: 904 726 1963 FAX No: _____ Email Address: juu@bellsouth.net

BID SECURITY REQUIREMENTS	TERM OF CONTRACT
<input type="checkbox"/> None required <input checked="" type="checkbox"/> Certified Check or Bond (Five Percent (5%))	<input type="checkbox"/> One Time Purchase <input type="checkbox"/> Annual Requirements <input checked="" type="checkbox"/> Other, Specify - Project Completion

SAMPLE REQUIREMENTS	SECTION 255.05, FLORIDA STATUTES CONTRACT BOND
<input type="checkbox"/> None required <input type="checkbox"/> Samples required prior to Bid Opening <input type="checkbox"/> Samples may be required subsequent to Bid Opening	<input type="checkbox"/> None required <input checked="" type="checkbox"/> Bond required 100% of Bid Award

QUANTITIES	INSURANCE REQUIREMENTS
<input type="checkbox"/> Quantities indicated are exacting <input checked="" type="checkbox"/> Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.	Insurance required

PAYMENT DISCOUNTS	
<input type="checkbox"/> 1% 20, net 30 <input type="checkbox"/> 2% 10, net 30 <input type="checkbox"/> Other _____ <input type="checkbox"/> None Offered	

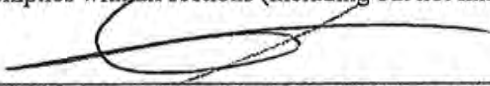
ENTER YOUR BID FOR SOLICITATION 112-19	TOTAL BID PRICE
Total Bid Price For The Project (enter total from cell G60 in the Bid Workbook)	\$1,629,239.47

I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

BIDDER CERTIFICATION

By submitting this Bid, the Bidder certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Bidding Company, that the Company is legally authorized to do business in the State of Florida, and that the Company maintains in active status an appropriate contractor's license for the work (if applicable). The Bidder also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation.

We have received addenda
1 through 2


 Handwritten Signature of Authorized Officer of Company or Agent 7/23/19
 Date

Giovanni Nozzolillo, PRESIDENT
 Printed Name and Title

Addendum 2 Appendix B- Bid Workbook Only complete the Prices in Yellow Cells
112-19 Emory Circle WM - From Cornell Rd along Rollins Ave and Tulane Ave to Emory Circle

*Unless otherwise noted, this column refers to paragraphs /sections found in the latest edition of the JEA's Water & Sewer Standards Manual.

Item No.	Spec Num.	Est. Qty.	Unit	Description	Unit Price	Total Price
1	XIII.1	5440	LF	PVC DR 18- 8"	\$44.21	\$240,487.12
2	XIII.1	1700	LF	PVC DR 18- 6"	\$38.33	\$65,166.48
3	XIII.9	156	EA	Connect New Water Service to Existing Meter	\$254.06	\$39,634.03
4	XIII.9	74	EA	Water Service - Long	\$762.60	\$56,432.36
5	XIII.9	82	EA	Water Service - Short	\$486.58	\$39,899.89
6	XIII.9	120	EA	Water meter box (Contingency)	\$349.59	\$41,951.10
7	XIII.5	170	EA	8" Pipe Restraints	\$346.63	\$58,926.26
8	XIII.5	63	EA	6" Pipe Restraints	\$309.06	\$19,471.04
9	XIII.5	12	EA	Gate 8"	\$2,269.18	\$27,230.17
10	XIII.2	23	EA	Gate 6"	\$1,857.35	\$42,719.11
11	XIII.2	3	EA	Tee 8"	\$0.00	\$0.00
12	XIII.2	3	EA	Tee 6"	\$0.00	\$0.00
13	XIII.2	2	EA	6" Plug	\$390.85	\$781.71
14	XIII.2	2	EA	8" Plug	\$400.28	\$800.57
15	XIII.2	4	EA	8" MJ 11.25-Degree Bend	\$483.45	\$1,933.82
16	XIII.2	11	EA	8" MJ 22.5-Degree Bend	\$491.50	\$5,406.53
17	XIII.2	6	EA	6" MJ 11.25-Degree Bend	\$421.75	\$2,530.48
18	XIII.2	4	EA	6" MJ 22.5-Degree Bend (Contingency)	\$419.06	\$1,676.26
19	XIII.2	91	EA	8" MJ 45-Degree Bend	\$488.82	\$44,482.60
20	XIII.2	17	EA	6" MJ 45-Degree Bend	\$424.43	\$7,215.30
21	XIII.2	4	EA	6" MJ 90-Degree Bend (Contingency)	\$440.53	\$1,762.11
22	XIII.2	11	EA	8" MJ 90-Degree Bend	\$516.99	\$5,686.89
23	XIII.2	2	EA	16" x 8" Reducer (Contingency)	\$887.23	\$1,774.47
24	XIII.2	1	EA	8" x 6" Reducer	\$447.23	\$447.23
25	XIII.2	14	EA	Tee 8" x 8" x 6"	\$1,858.41	\$26,017.73
26	XIII.2	4	EA	Tee 8" x 8" x 8"	\$1,916.09	\$7,664.37
27	XIII.2	3	EA	Tee 6" x 6" x 6"	\$1,799.39	\$5,398.16
28	XIII.2	1	EA	Connect to existing 8" watermain	\$3,077.51	\$3,077.51
29	XIV.4	2	EA	8" x 8" Tapping Sleeve and Valve (Contingency)	\$6,982.22	\$13,964.43
30	XIV.4	2	EA	16" x 8" Tapping Sleeve and Valve	\$7,709.17	\$15,418.33
31	XIV.4	9	EA	Abandon 4" pipe by plugging	\$2,115.69	\$19,041.17
32	III.2.3	5440	LF	Abandon 6" pipe by grout filling	\$10.89	\$59,264.87
33	III.2.3	16	EA	Hydrant - 3 Way	\$4,148.00	\$66,367.94
34	XIII.11	8	EA	Temporary Sample Point (W-24)	\$1,128.94	\$9,031.52
35	XIII.12	10	SY	Remove Sidewalk (all thicknesses)	\$38.82	\$388.21
36	X.1	10	SY	Concrete Sidewalk	\$57.71	\$577.13
37	X.4	1048	LF	Removal of Curb and Gutter	\$34.37	\$36,019.57
38	X.3	1048	LF	Curb and Gutter	\$7.93	\$8,307.29
39	X.6	1020	SY	Removal of Driveway (All types)	\$38.35	\$39,120.62
40	X.6	30	SF	Relacement Paver Walk	\$80.89	\$2,426.82
41	X.2	890	SY	Installation of Driveway 5-inch (COJ Standards Concrete)	\$52.40	\$46,634.42
42	X.5	4800	SY	Paving - Remove Asphalt Roadway	\$20.26	\$97,268.02
43	X.5	4200	SY	Paving - Replace Asphalt Roadway per plans Case X or XI	\$26.85	\$112,767.97
44	X.5	600	SY	Paving - Replace Asphalt Roadway per plans Case IX	\$29.46	\$17,676.78
45	IX.1	4800	SY	Paving - Mill and Resurface Roadways	\$14.74	\$70,731.51
46	IX.6	1	LS	Landscaping - Sod Installation only, like for like	\$50,131.28	\$50,131.28
47	IX.6	1	LS	ROW tree removal and relocation (6" and larger)	\$19,398.29	\$19,398.29
48		1	LS	Allowances (Permitting, Testing, etc.)	\$6,000.00	\$6,000.00
49		1	LS	Law Enforcement	\$2,000.00	\$2,000.00
50		1	LS	JEAs SWA	\$60,000.00	\$60,000.00

1 LS SUBTOTAL \$1,501,109.47
 GENERAL/SPECIAL CONDITIONS (MAX. 10% OF SUBTOTAL) \$128,130.00

TOTAL Bid Price (Subtotal plus General Conditions & Special Conditions, Inclusive transfer total to Page 1 Appendix B- Bid F \$1,629,239.47

*** JEA Water and Wastewater Standards or Technical Specifications Reference

Construction Services for Emory Circle Water Main - From Cornell Rd along Rollins Ave and Tulane Ave to Emory Circle

The scope of work for this project is for Construction Services for Emory Circle Water Main - From Cornell Rd along Rollins Ave and Tulane Ave to Emory Circle

Budget Milestones	Date	Engineering Budget	Construction Budget	*JEA Indirect Costs	Total Project Cost	Engineering Schedule	Construction Schedule	Major Change/Issue
Planning	January 2017	\$184,930.00	\$1,024,907.00	\$87,116.00	\$1,296,953.00	November 2018	April 2019	N/A
Engineering Bid	December 2017	\$127,739.00	\$1,024,907.00	\$87,116.00	\$1,239,762.00	November 2018	April 2019	N/A
100% Design	June 2019	\$127,739.00	\$1,286,336.00	\$91,000.00	\$1,505,075.00	June 2019	September 2019	Survey completion took two months instead of one, 60% design rejected 3 times, 90% design rejected twice due to design issues
Construction Bid (this award)	July 2019	\$127,739.00	\$1,677,436.42	\$91,000.00	\$1,896,175.42	September 2019	March 2020	Quantities increased due to JEA's quantities verification QA/QC of final design drawings for: Replacement of Asphalt per COJ standards, number of water meter replacements or reconnecting, length of abandoning of existing 6-in water pipe, number of firehydrants needed to be replaced or installed new, removal of driveways, asphalt milling and overlaying, water meter boxes replacement, and 6-in and 8-in gate valves. Additionally, JEA saw cost increases from 100% design estimate for 8-in and 6-in restrainers, removal of curb and gutter, abandoning of 4-in existing water pipe, and general conditions percentage.
Estimate at Completion	March 2020	\$127,739.00	\$1,677,436.42	\$91,000.00	\$1,896,175.42	September 2019	March 2020	

* Typical project indirect costs include:

- a. Project Management (PEC or contract Project Manager labor)
- b. Services During Construction (PEC or contract inspection labor)
- c. Project Support (JEA labor charges from supporting groups such as Operations, Environmental, etc.)
- d. Land & Rights (real estate labor and purchases)



Formal Bid and Award System

Award #4 August 8, 2019

Type of Award Request: CHANGE ORDER
Requestor Name: Bides, Arthur R.
Requestor Phone: 904-665-8515
Project Title: Main Street Horizontal Directional Drilling (HDD) Force Main
Project Number: 8003022
Project Location: JEA
Funds: Capital
Budget Estimate: N/A
Scope of Work:

This project includes the installation of approximately 80 linear feet (LF) of 16- inch Restrained Joint PVC wastewater force main and 364 LF of 18-inch HDPE wastewater force main via HDD along with associated fittings and appurtenances, along Main Street under the CSX railroad to connect the new 16” force main sections.

Continued growth within the Cedar Bay Service Area will increase the likelihood of failure of the downstream ductile iron infrastructure. The HDD in this award will connect the 3,300 LF section of 16” PVC force main that will redirect sewer flow coming from the Renne Pump Station (PS) from the aging 16” ductile iron force mains south of the Renne PS to the north for connection to the newly installed 20” PVC force main along Noah Road. The existing 16” ductile iron main has reached the end of its service life and continued usage will increase the likelihood of main pipe breakage, which could result in costly spillage of raw wastewater into the environment. There have been two force main breaks in the past 3 years that resulted in sanitary sewer overflows (SSOs).

This award positively impacts the following JEA Measures of Value:

- Customer Value: reduces likelihood of force main breaks that creates service interruptions to the customer and inconveniences to the surrounding businesses.
- Community Value: provides reliable wastewater service for the District 2 area.
- Environmental Value: reduces costly SSOs into surrounding wetlands and into Broward River
- Financial Value: the project will provide revenue through sales of wastewater services and reduce the likelihood of FDEP fines due to SSOs into water bodies.

JEA IFB/RFP/State/City/GSA#: RFQ 96702
Purchasing Agent: King, David
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
TB LANDMARK CONSTRUCTION, INC.	Martin Adams	estimating@tbleadmark.com	11220 New Berlin Rd, Jacksonville, FL 32226	(904) 751-1016	\$111,450.00

Amount of Original Award:	\$443,419.00
Date of Original Award:	05/09/2019
Change Order Amount:	\$111,450.00
New Not-To-Exceed Amount:	\$554,869.00
Length of Contract/PO Term:	Project Completion
Begin Date (mm/dd/yyyy):	06/03/2019
End Date (mm/dd/yyyy):	Project Completion (Expected: January 2020)
JSEB Requirement:	N/A - Optional

Background/Recommendations:

Originally bid and approved by Awards Committee on 05/09/2019 in the amount of \$443,419.00 to TB Landmark Construction, Inc. A copy of the original award is attached as backup.

The project details are below:

- Original Project Budget: \$1,009,818.00
 - Engineering Estimate: \$189,518.00
 - Construction Estimate: \$757,937.00
 - Internal JEA Costs Estimate: \$62,363.00
- Revised Project Budget/Estimate at Completion: \$1,981,253.91
 - Engineering Cost: \$198,926.00 (Constantine Engineering) - (12.4% of Construction Costs)
 - Engineering Cost (HDD only): \$0.00 (due to constructability issues, HDD portion was re-designed at no cost to JEA)
 - Construction Cost: \$1,720,927.00
 - Original Construction Scope: \$1,018,458.00 (Callaway Contracting bid)
 - Additional Direct Costs: \$1,600.00 (JEA Supplied Labor & Materials)
 - Construction Change Order 1: \$99,000.00 (Jack & Bore second attempt including credits)
 - Construction Change Order 2: \$47,000.00 (additional maintenance of traffic)
 - HDD Construction: \$443,419.00 (TB Landmark)
 - **HDD Construction Change Order: \$111,450.00 (this award)**
 - Internal JEA Costs Estimate: \$61,400.91
- Original Project Schedule:
 - Engineering Completion, Total Project: December 2016
 - Construction Completion: February 2018
- Revised Project Schedule:
 - Engineering Completion, Original Project: February 2017
 - HDD re-design completion: December 2018
 - Construction Completion:
 - Open Cut Construction Completion: January 2019
 - HDD Construction Completion: January 2020

Major Changes/Issues:

On 07/17/2019, TB Landmark uncovered and located the 4x4 duct bank by the north HDD pit. On 07/19/2019, while drilling the HDD pilot hole, the driller hit an AT&T conduit. After further excavation, another 4x4 duct bank was discovered under the previously located duct bank. AT&T was unaware of the lower duct bank. This did not allow a clear window for the HDD drill of the 18" HDPE Force Main.

The contractor did more exploratory excavations to the north of the original HDD pit to find a clear window for the drill. A location approximately, 250 LF north of the original HDD pit was found to have

enough clearances for the drill. The original HDD length was 360 LF and the addition of the 250 LF needed will bring the total drill length to 610 LF.

The cost of the construction for the additional 250 LF of HDD length to include all materials, equipment, and labor is \$111,450.00 and the contractor has requested a contract time extension of 8 calendar days. The contractor used the line item cost of \$425.00/LF that was submitted in the original bid proposal. The additional 8 calendar days requested was for the delivery time of the additional 18" HDPE pipe. These costs are 24% over the original award of \$443,419.00. A budget trend has been submitted for this award.

Request approval to award a change order to TB Landmark Construction, Inc., for construction services in the amount of \$111,450.00, for a new not-to-exceed amount of \$554,869.00, subject to the availability of lawfully appropriated funds.

Manager: DiMeo, Elizabeth A, Mgr W/WW Project Management
Director: Conner, Sean M. - Dir W/WW Project Engineering & Construction
VP: Calhoun, Deryle I. - VP/GM Water/Wastewater Systems

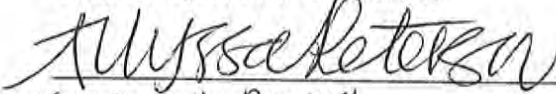
APPROVALS:



8/8/19

Chairman, Awards Committee

Date



08/08/2019

Financial Analyst,
Manager, Capital Budget Planning

Date



Formal Bid and Award System

Award #3 May 9, 2019

Type of Award Request: BID
Requestor Name: Bides, Arthur R. CPA 182178
Requestor Phone: (904) 665-8515
Project Title: Main Street Horizontal Directional Drilling (HDD) Force Main
Project Number: 8003022
Project Location: JEA
Funds: Capital
Budget Estimate: \$298,087.00 (HDD only)

Scope of Work:

This project includes the installation of approximately 80 linear feet (LF) of 16- inch Restrained Joint PVC wastewater force main and 364 LF of 18-inch HDPE wastewater force main via HDD along with associated fittings and appurtenances, along Main Street under the CSX railroad to connect the new 16" force main sections.

Continued growth within the Cedar Bay Service Area will increase the likelihood of failure of the downstream ductile iron infrastructure. The HDD in this award will connect the 3,300 LF section of 16" PVC force main that will redirect sewer flow coming from the Renne Pump Station (PS) from the aging 16" ductile iron force mains south of the Renne PS to the north for connection to the newly installed 20" PVC force main along Noah Road. The existing 16" ductile iron main has reached the end of its service life and continued usage will increase the likelihood of main pipe breakage, which could result in costly spillage of raw wastewater into the environment. There have been two force main breaks in the past 3 years that resulted in sanitary sewer overflows (SSOs).

This award positively impacts the following JEA Measures of Value:

- Customer Value – reduces likelihood of force main breaks that creates service interruptions to the customer and inconveniences to the surrounding businesses.
- Community Value - provides reliable wastewater service for the District 2 area.
- Environmental Value – reduces costly SSOs into surrounding wetlands and into Broward River
- Financial Value – the project will provide revenue through sales of wastewater services and reduce the likelihood of FDEP fines due to SSOs into water bodies.

JEA IFB/RFP/State/City/GSA#: RFQ 96702
Purchasing Agent: King, David
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
TB LANDMARK CONSTRUCTION, INC.	Martin Adams	estimating@tbleadmark.com	11220 New Berlin Rd, Jacksonville, FL 32226	(904) 751-1016	\$443,419.00

Amount for entire term of Contract/PO: \$443,419.00
Award Amount for remainder of this FY: \$443,419.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 05/16/2019
End Date (mm/dd/yyyy): Project Completion (Expected: July 2019)
JSEB Requirement: N/A - Optional

BIDDERS:

Name	Amount
TB LANDMARK CONSTRUCTION, INC.	\$443,419.00
CALLAWAY CONTRACTING, INC.	\$491,540.09

Background/Recommendations:

Advertised informally on 02/14/2019. One prime contractor attended the optional pre-bid meeting held on 02/20/2019. At Bid opening on 03/19/2019, JEA received two (2) Bids. Low participation was due to the small size of the job for HDD work. TB Landmark Construction, Inc. is the lowest responsive and responsible Bidder. A copy of the Bid Form and Workbook are attached as backup.

This scope of work was originally part of solicitation 077-17 (Main Street - Sara Drive to Noah Road - Force Main) as a jack & bore under the CSX railroad crossing. Due to constructability issues the jack & bore was removed from that previous scope of work. The engineering firm redesigned this portion of the project as HDD, at no additional cost to JEA. The award amount of \$443,419.00 is approximately fifty percent (50%) higher than the budget estimate due to the requirement to coordinate with regulatory agencies, CSX Railway and two businesses, which will be impacted during fusion and pullback of the HDD pipe. Additionally, the location of the project along the right of way of a busy highway and the small scale of the project resulted in higher than expected costs. A new budget trend will be submitted to match the award.

Project Budget and Schedule Details:

- Original Project Budget: \$1,009,818.00
 - Engineering Estimate: \$189,518.00
 - Construction Estimate: \$757,937.00
 - Internal JEA Costs Estimate: \$62,363.00
- Revised Project Budget/Estimate at Completion: \$1,869,419.00
 - Engineering Cost: \$198,926.00 (Constantine Engineering) - (12.4% of Construction Costs)
 - Engineering Cost (HDD only): \$0.00 (due to constructability issues, HDD portion was re-designed at no cost to JEA)
 - Construction Cost: \$1,609,477.00
 - Original Construction Scope: \$1,018,458.00 (Callaway Contracting bid)
 - Additional Direct Costs: \$1,600.00 (JEA Supplied Labor & Materials)
 - Construction Change Order 1: \$99,000.00 (Jack & Bore second attempt including credits)
 - Construction Change Order 2: \$47,000.00 (additional maintenance of traffic)
 - HDD Construction: \$443,419.00 (TB Landmark - this award)

- Internal JEA Costs Estimate: \$61,016.00
- Original Project Schedule:
 - Engineering Completion, Total Project: December 2016
 - Construction Completion: February 2018
- Revised Project Schedule:
 - Engineering Completion, Original Project: February 2017
 - HDD re-design completion: December 2018
 - Construction Completion:
 - Open Cut Construction Completion: January 2019
 - HDD Construction Completion: September 2019

Major Change/Issue:

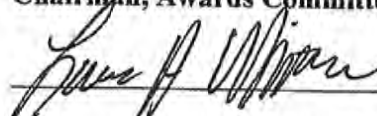
Originally awarded to Callaway Contracting; a portion of the original project required the pipeline to be installed under the CSX spur railroad tracks by the jack & bore method. On October 11, 2017, CSX notified that the jack & bore could not be constructed as per drawings because it was too close to their CSX mast arm foundation. Based on this and other conflicts, the only option was to perform a HDD for the force main to avoid any conflicts with existing utilities and CSX structures. JEA put the CSX railroad crossing work on hold in April 2018. Callaway was awarded change order #1 to compensate them for the costs incurred for the failed jack & bore attempts. On October 2018 a meeting was held with the design engineers and it was decided to redesign the crossing for a HDD and rebid. Callaway Contracting had to remobilize to restore the roadway and driveways to close the FDOT permit and the work was completed January 2019.

RFQ 96702 – Request approval to award a contract to TB Landmark Construction, Inc. for construction services for the Main Street HDD Force Main project in the amount of \$443,419.00, subject to the availability of lawfully appropriated funds.

Manager: DiMeo, Elizabeth A, Mgr W/WW Project Management
Director: Conner, Sean M, Dir W/WW Project Engineering & Construction
VP: Calhoun, Deryle I. - VP/GM Water Wastewater Systems

APPROVALS:

 _____ 5/9/19
 Chairman, Awards Committee Date

 _____ 5/9/19
 Manager, Capital Budget Planning Date

Appendix B - Bid Form
 96702 Main Street Horizontal Directional Drilling (HDD) Force Main
 Submit a scanned signed copy of this document to kinggd@jea.com

Company Name: T B Landmark Construction, Inc.
 Company's Address 11220 New Berlin Road, Jacksonville, FL 32226
 Phone Number: (904)751-1016 FAX No: (904)751-4125 Email Address: estimating@tbleandmark.com
 License Number: CGC060694/CUC057226

BID SECURITY REQUIREMENTS <input type="checkbox"/> None required <input checked="" type="checkbox"/> Certified Check or Bond (Five Percent (5%))	TERM OF CONTRACT <input type="checkbox"/> One Time Purchase <input type="checkbox"/> Annual Requirements <input checked="" type="checkbox"/> Other, Specify - Project Completion
SAMPLE REQUIREMENTS <input checked="" type="checkbox"/> None required <input type="checkbox"/> Samples required prior to Bid Opening <input type="checkbox"/> Samples may be required subsequent to Bid Opening	SECTION 255.05, FLORIDA STATUTES CONTRACT BOND <input type="checkbox"/> None required <input checked="" type="checkbox"/> Bond required 100% of Bid Award

QUANTITIES <input type="checkbox"/> Quantities indicated are exacting <input checked="" type="checkbox"/> Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.	INSURANCE REQUIREMENTS <p style="text-align: center;">Insurance required</p>
--	--

PAYMENT DISCOUNTS <input type="checkbox"/> 1% 20, net 30 <input type="checkbox"/> 2% 10, net 30 <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> None Offered	
--	--

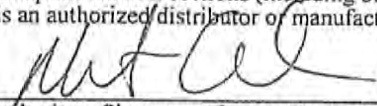
ENTER YOUR BID FOR RFQ 96702	TOTAL BID PRICE
Total Bid Price For The Project (enter total from cell G27 in the Bid Workbook)	\$ 443,419.00

I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

BIDDER'S CERTIFICATION

By submitting this Bid, the Bidder certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Bidder's Company, that the Company is legally authorized to do business in the State of Florida, and that the Company maintains in active status an appropriate contractor's license for the work (if applicable). The Bidder also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation, and that the Bidder is an authorized distributor or manufacturer of the equipment that meets the Technical Specifications stated herein.

We have received addenda _____
 _____ 1 through 1 _____


 Handwritten Signature of Authorized Officer of Company or Agent 3/19/19
 Date

Martin Adams, Manager
 Printed Name and Title

Appendix B- Bid Workbook Only (complete the Prices in Yellow Cells only)
96702 Main Street Horizontal Directional Drilling (HDD) Force Main

*Unless otherwise noted, this column refers to paragraphs/sections found in the latest edition of the JEA's Water & Sewer Standards Manual.
 This document can be found on www.jea.com.

**Reference found in this solicitation.

***Refer to 96702 Appendix A - Technical Specifications.

Item No.	Spec No. *	Est. Qty.	Unit	Description	Unit Price	Total Price
1	801.XVII.1	40	LF	16" PVC Force Main (DR25)	\$400.00	\$16,000.00
2	801.XVII.7	4	EA	16" Restraint Gland	\$2,500.00	\$10,000.00
3	801.XVII.3	2	EA	16" 11.25 Degree MJ Bend	\$5,000.00	\$10,000.00
4	801.XVII.3	8	EA	16" 45 Degree MJ Bend	\$5,000.00	\$40,000.00
5	801.XVII.3	2	EA	16" Solid Sleeve	\$6,500.00	\$13,000.00
6	801.XVII.7	6	EA	16" Restraining Bell Joints, PVC	\$2,955.00	\$17,730.00
7	801.XVII.4	360	LF	18" DR 11 HDPE (sewer),HDD with Adaptors	\$425.00	\$153,000.00
8	801.VIII	350	SY	Grassing	\$10.00	\$3,500.00
9	801.IX.1	150	SY	Total Pavement Removal: 8-15" thick	\$39.00	\$5,850.00
10	801.IX.2	150	SY	Total Paving Replacement: 5" asphalt, 8" lime rock	\$200.00	\$30,000.00
11	801.IX.2	400	LF	Temporary concrete barricade	\$98.00	\$39,200.00
12	801.XVIII.4	1	EA	2" ARV assembly	\$17,500.00	\$17,500.00
13	429.III.3.2.14	1	LS	Testing allowance		\$5,000.00
14	801.XVII.4	1	LS	CSX inspector and flagman Allowance		\$10,000.00
15	2.13.31	1	LS	Law Enforcement Allowance		\$5,000.00
16	2.17.5	1	LS	SWA Allowance		\$30,000.00

SUBTOTAL

\$405,780.00

1 LS

GENERAL/SPECIAL CONDITIONS (MAX. 10% OF SUBTOTAL)

\$37,639.00

TOTAL Bid Price (Subtotal plus General Conditions & Special Conditions, inclusive transfer total to Page 1 Appendix B- Bid Form)

\$443,419.00

Main Street Horizontal Directional Drilling (HDD) Force Main

This project includes the installation of approximately 80 linear feet (LF) of 16- Inch Restrained Joint PVC wastewater force main and 364 LF of 18-inch HDPE wastewater force main via HDD along with associated fittings and appurtenances, along Main Street under the CSX railroad to connect the new 16" force main sections.

Budget Milestones	Date	Engineering Budget	Construction Budget	*JEA Indirect Costs	Total Project Cost	Engineering Schedule	Construction Schedule	Major Change/Issue
Planning	February 2015	\$189,518.00	\$757,937.00	\$62,363.00	\$1,009,818.00	December 2016	February 2018	N/A
Engineering Bid	June 2016	\$198,926.00	\$757,937.00	\$62,363.00	\$1,019,226.00	December 2016	February 2018	N/A
100% Design	December 2016	\$198,926.00	\$1,200,000.00	\$60,762.00	\$1,459,688.00	January 2017	February 2018	Construction estimate increased due to increased number of construction materials needed and FDOT restoration requirements
Construction Bid	May 2017	\$198,926.00	\$1,018,458.00	\$61,016.00	\$1,278,400.00	January 2017	February 2018	N/A
Change Order 1	November 2018	\$198,926.00	\$1,118,284.76	\$61,016.00	\$1,378,226.76	January 2017	February 2018	Jack & Bore section of work required several attempts due to design error, engineer redesigned as HDD at no cost to JEA
Change Order 2	February 2019	\$198,926.00	\$1,165,673.09	\$61,400.91	\$1,426,000.00	December 2018	September 2019	FDOT modified the MOT requirements during construction and increased restoration requirements from previous requirement
2nd Construction Bid HDD Portion	May 2019	\$0.00	\$443,419.00	\$0.00	\$443,419.00	December 2018	July 2019 (HDD)	Cost of HDD is 50% higher than estimate due to small scale of project and the location of the project
Estimate at Completion	May 2019	\$198,926.00	\$1,609,092.09	\$61,400.91	\$1,869,419.00	December 2018	September 2019	

*Typical project indirect costs include:

- a. Project Management (PEC or contract Project Manager labor)
- b. Services During Construction (PEC or contract Inspection labor)
- c. Project Support (JEA labor charges from supporting groups such as Operations, Environmental, etc.)
- d. Land & Rights (real estate labor and purchases)



T B Landmark
CONSTRUCTION, Inc.

TB Landmark Construction Inc
11220 New Berlin Road
Jacksonville, FL 32226

July 22, 2019

Arthur
Water/Wastewater Engineer
JEA
21 W. Church Street
Jacksonville, FL

RE: Request for Change Order – Main Street HDD Force Main

Dear Arthur:

This letter is to formally propose a lump sum change order for the Main Street HDD Force Main project. TB Landmark proposes to extend the bore 250LF due to existing utility conflicts. It is estimated that this change will take an additional 8 calendar days. Attached to this letter you will find a breakdown of costs. The cost of the change order is \$106,250 per JEA Section 755.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Marty Adams
General Manager
madams@tbleandmark.com
(904) 591-5801

Main Street Horizontal Direction Drilling (HDD) Force Main #96702
7/22/2019
Change Order Request #2
#8330 TBL

FM HDD Extension

Lump Sum

LUMP SUM 18" HDD FM

UOM
LF

QTY

250 \$

Cost

425.00 \$

Total

106,250.00 \$

Total

106,250.00

Change Order Total

\$106,250.00

Main Street Horizontal Direction Drilling (HDD) Force Main #96702
 7/26/2019
 Change Order Request
 #8330 TBL

	Material	UOM	QTY	Cost	Total	Tax	10% Mark Up	Total
Grout Fill 231LF of 18" FM								
MATERIAL	Grout	CY	12	\$ 125.00	\$ 1,500.00	\$ 105.00	\$ 150.00	\$ 1,755.00
SUB	Grout Pumper	LS	1	\$ 1,250.00	\$ 1,250.00	\$ 87.50	\$ 125.00	\$ 1,462.50
	<u>LABOR</u>	<u>UOM</u>	<u>QTY</u>	<u>Cost</u>	<u>Total</u>	<u>Overhead 50%</u>		<u>Total</u>
LABOR	5 Man Open Cut Crew	HR	5	\$ 125.00	\$ 625.00	\$312.50		\$ 937.50
EQUIPMENT	Crew Truck	HR	5	\$ 25.00	\$ 125.00			\$ 137.50
EQUIPMENT	Excavator 312	HR	5	\$ 75.00	\$ 375.00			\$ 412.50
EQUIPMENT	Rubber Tire	HR	5	\$ 55.00	\$ 275.00			\$ 302.50
EQUIPMENT	Mini	HR	5	\$ 35.00	\$ 175.00			\$ 192.50
Change Order Total								\$5,200.00

Main Street Horizontal Directional Drilling (HDD) Force Main

This project includes the installation of approximately 80 linear feet (LF) of 16- inch Restrained Joint PVC wastewater force main and 364 LF of 18-inch HDPE wastewater force main via HDD along with associated fittings and appurtenances, along Main Street under the CSX railroad to connect the new 16" force main sections.

Budget Milestones	Date	Engineering Budget	Construction Budget	*JEA Indirect Costs	Total Project Cost	Engineering Schedule	Construction Schedule	Major Change/Issue
Planning	February 2015	\$ 189,518.00	\$ 757,937.00	\$62,363.00	\$ 1,009,818.00	December 2016	February 2018	N/A
Engineering Bid	June 2016	\$ 198,926.00	\$ 757,937.00	\$62,363.00	\$ 1,019,226.00	December 2016	February 2018	N/A
100% Design	December 2016	\$ 198,926.00	\$ 1,200,000.00	\$60,762.00	\$ 1,459,688.00	January 2017	February 2018	Construction estimate increased due to increased number of construction materials needed and FDOT restoration requirements
Construction Bid	May 2017	\$ 198,926.00	\$ 1,020,058.00	\$61,016.00	\$ 1,280,000.00	January 2017	February 2018	N/A
Change Order 1	November 2018	\$ -	\$ 99,000.00	\$61,016.00	\$ 160,016.00	January 2017	February 2018	Jack & Bore section of work required several attempts due to design error, engineer redesigned as HDD at no cost to JEA
Change Order 2	February 2019	\$ -	\$ 47,000.00	\$61,400.91	\$ 108,400.91	December 2018	September 2019	FDOT modified the MOT requirements during construction and increased restoration requirements from previous requirement
2nd Construction Bid HDD Portion	May 2019	\$ -	\$ 443,419.00	\$ -	\$ 443,419.00	December 2018	July 2019 (HDD)	Cost of HDD is 50% higher than estimate due to small scale of project and the location of the project
HDD Change Order	July 2019	\$ -	\$ 111,450.00	\$ -	\$ 554,869.00	December 2018	January 2020	While drilling the HDD pilot hole, the driller hit an AT&T conduit. After further excavation, there was another 4x4 duct bank discovered under the previously located duct bank. This did not allow a clear window for the HDD drill of the 18" HDPE Force Main.
Estimate at Completion	May 2019	\$ 198,926.00	\$ 1,720,927.00	\$61,400.91	\$ 1,981,253.91	December 2018	January 2020	

*Typical project indirect costs include:

- a. Project Management (PEC or contract Project Manager labor)
- b. Services During Construction (PEC or contract inspection labor)
- c. Project Support (JEA labor charges from supporting groups such as Operations, Environmental, etc.)
- d. Land & Rights (real estate labor and purchases)

**Formal Bid and Award System**

Award #5 August 8, 2019

Type of Award Request: CONTRACT INCREASE
Requestor Name: Smith, Thaliah
Requestor Phone: 904-665-8165
Project Title: Ferric Chloride 37-42% for a Study in pH Reduction and Struvite Control
Project Number: Cost Center 30140 Exp. Type 1203- Chemicals and Gases
Project Location: JEA
Funds: O&M
Budget Estimate: N/A

Scope of Work:

JEA requires the services of a supplier to provide Ferric Chloride (FeCl₃) which is used for struvite control in our wastewater treatment process. Struvite, a phosphate mineral, poses a problem in the anaerobic digesters and other processes, forming scale on lines, belts, centrifuges and pumps, clogging system pipes. JEA spends approximately \$268,800.00 per year in labor costs alone from struvite issues that arise from not using an iron-based struvite control chemical.

This award positively impacts the following JEA Measures of Value:

- **Community/Environmental:** Ferric Chloride has been shown to reduce the amount of hydrogen sulfide in the biogas (methane) produced the Buckman Water Reclamation Facility (WRF). The biogas, when combusted in Buckman's flare, results in emissions of sulfur dioxide to the environment. Sulfur dioxide is a regulated and controlled emission under JEA's USEPA Title V Air Operating permit, reportable annually in tons of sulfur dioxide released. Use of Ferric Chloride during the pilot program has reduced hydrogen sulfide to record low levels and decreased sulfur dioxide emissions by over 99%.
- **Customer:** Reduced hydrogen sulfide content results in a higher quality gas and increases its commercial value, and decreases future capital and O&M costs by reducing the size of equipment needed to 'scrub' the gas prior to use or sale. It also reduces damage caused by hydrogen sulfide to equipment, tanks and structures. Hydrogen sulfide is particularly aggressive in the destruction of concrete and ferrous metals.
- **Financial:** Ferric Chloride, through binding with phosphorus in wastewater, eliminates 'free' phosphorus that when released in the Buckman WRF anaerobic digestion process combines with other constituents to form Struvite, a hard mineral deposit that occurs throughout the piping and process machinery that is difficult and costly to remove. The associated downtime and loss of production time and capacity is even more costly.

Purchasing Agent: King, David

Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
PVS TECHNOLOGIES INC.	Roshonda Gray	rgray@pvschemicals.com	10900 Harper Ave, Detroit, MI, 48213	(313) 571-1100	\$98,000.00

Amount of Original Award: \$300,000.00
Date of Original Award: 10/22/2018
Contract Increase Amount: \$98,000.00

List of Previous Contract Increases:

PO No.	Amount	Date
177829	\$36,000.00	10/22/2018
177829	\$250,000.00	01/15/2019
177829	\$14,000.00	07/26/2019

New Not-To-Exceed Amount: \$398,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 06/01/2019
End Date (mm/dd/yyyy): Project Completion (Expected: September 2019)
JSEB Requirement: N/A - Optional

Background/Recommendations:

Informally awarded to PVS Technologies Inc., in the amount of \$36,000.00. Quotes for a pilot were solicited from four vendors, (PVS Technologies, Sal Chemicals, Chemtrade Chemicals, Hawkins). The purpose of the pilot is to improve pH reduction and struvite control in our wastewater treatment process. Struvite can form a scale on lines and belts, in centrifuges and pumps, clog system pipes and other equipment including the anaerobic digester itself. PVS technologies was the only respondent to the request for quotes. A purchase order, not to exceed \$300,000.00 was issued. This contract increase is to provide an additional 60 days' worth of the chemical. We currently utilize 1,300 gallons/day of Ferric Chloride. The contract increase is for the same unit cost (\$1.46/gal) as the original quote. An additional \$113,880.00 is needed (\$1.46/gal x 60 days x 1,300 gallons). There is still about \$15,000.00 left on the PO, leaving approximately \$98,000.00 to cover our needs until the end of the fiscal year and the start of the new contract. Since the trials have been successful so far, JEA plans to continue utilizing these chemicals and has issued a formal bid request for ferric chloride for next fiscal year.

Request approval to award a contract increase to PVS Technologies, Inc., in the amount of \$98,000.00, for a new not-to-exceed amount of \$398,000.00, subject to the availability of lawfully appropriated funds.

Manager: Durrett Michael E.- Mgr Wastewater Treatment and Reuse - Buckman
Director: Vu, Hai X.- Dir W/WW Project Engineering & Construction
VP: Calhoun, Deryle I. - VP/GM Water/Wastewater Systems

APPROVALS:

 8/8/19

Chairman, Awards Committee

Date

 08/08/2019

**Financial Analyst,
 Manager, Capital Budget Planning**

Date

From: [Veale, Marc](#)
To: [Smith, Thaliah D. - Contract Specialist](#)
Cc: [Durrett, Michael E. - Mgr Wastewater Treatment and Reuse](#); [Ruiz-Adams, Melinda M. - Manager Business Operations](#); [Mackey, Todd D. - Dir W/WW & Reuse Treatment](#)
Subject: Re: Request for Quote for Ferric Chloride
Date: Wednesday, October 17, 2018 12:22:29 PM
Attachments: [image011.jpg](#)
[image013.jpg](#)
[image015.jpg](#)
[image017.jpg](#)
[image019.jpg](#)

[External Email - Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email.]

Yes, price is \$625 DT.

Marc Veale
Senior Account Executive/ Product Manager
PVS Technologies
Office (864)-282-0408
Fax (864) 250-0635
Cell (864) 325-5675

On Oct 17, 2018, at 10:14 AM, Smith, Thaliah D. - Contract Specialist <smittd@jea.com> wrote:

Hi Marc,
Just a clarification: Is your price \$625/DT?
Thanks!

Thaliah Smith

W/WW Contract Specialist

Direct: (904) 665-8165

Mobile: (904) 859-2482

From: Veale, Marc <MVeale@PVSCchemicals.com>

Sent: Friday, October 12, 2018 3:47 PM

To: Smith, Thaliah D. - Contract Specialist <smittd@jea.com>

Cc: Durrett, Michael E. - Mgr Wastewater Treatment and Reuse <durrme@jea.com>; Ruiz-Adams, Melinda M. - Manager Business Operations <ruizmm@jea.com>; Mackey, Todd D. - Dir W/WW & Reuse Treatment <macktd@jea.com>

Subject: RE: Request for Quote for Ferric Chloride

[External Email - Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email.]

Pricing is same.
Marc Veale
Senior Account Manager/ Product Manager
PVS Technologies
10900 Harper Avenue
Detroit, MI 48213
Cell: (864) 325-5675
Customer Service: (800) 337-7428
Email: mveale@pvschemicals.com

From: Smith, Thaliah D. - Contract Specialist [<mailto:smittd@jea.com>]

Sent: Friday, October 12, 2018 12:27 PM

To: Veale, Marc

Cc: Durrett, Michael E. - Mgr Wastewater Treatment and Reuse; Ruiz-Adams, Melinda M. - Manager Business Operations; Mackey, Todd D. - Dir W/WW & Reuse Treatment

Subject: RE: Request for Quote for Ferric Chloride

Hi Marc,

This is actually the same request, but too much time has passed so we have to verify that prices have not changed.

Thanks!

Thaliah Smith

W/WW Contract Specialist

Direct: (904) 665-8165

Mobile: (904) 859-2482

From: Veale, Marc <MVeale@PVSCchemicals.com>

Sent: Friday, October 12, 2018 12:17 PM

To: Smith, Thaliah D. - Contract Specialist <smittd@jea.com>

Cc: Durrett, Michael E. - Mgr Wastewater Treatment and Reuse <durrme@jea.com>; Ruiz-Adams, Melinda M. - Manager Business Operations <ruizmm@jea.com>; Mackey, Todd D. - Dir W/WW & Reuse Treatment <macktd@jea.com>

Subject: RE: Request for Quote for Ferric Chloride

[External Email - Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email.]

Thaliah,

We bid on this requirement in March 2018 was that bid terminated? PVS was the low bidder at \$625 DT.

Marc Veale

Senior Account Manager/ Product Manager

PVS Technologies

10900 Harper Avenue

Detroit, MI 48213

Cell: (864) 325-5675

Customer Service: (800) 337-7428

Email: mveale@pvschemicals.com

From: Smith, Thaliah D. - Contract Specialist [<mailto:smitttd@jea.com>]

Sent: Friday, October 12, 2018 10:34 AM

To: Smith, Thaliah D. - Contract Specialist

Cc: Durrett, Michael E. - Mgr Wastewater Treatment and Reuse; Ruiz-Adams, Melinda M. - Manager Business Operations; Mackey, Todd D. - Dir W/WW & Reuse Treatment

Subject: Request for Quote for Ferric Chloride

Importance: High

Good morning,

We are in need of an updated quote for the below scope of work.

Scope of work:

We have a 30-day pilot program and are in need of a daily delivery of AWWA 407-12, which is the standard for ferric chloride in aqueous (liquid) form with a concentration range of 37 - 42% FeCl₃. Please see more detailed technical information below. We need 800 gallons per day of ferric chloride for 30 days (24,000 gallons total) delivered to JEA Buckman Water Reclaim Facility, 2400 Tallyrand Ave, Jacksonville, FL 32206. We are interested in full truckload deliveries as we have bulk storage capabilities. Please also be sure to submit a product sheet along with your bid.

Please be advised that the purpose for this chemical and our pilot program is to improve pH reduction and struvite control in our wastewater treatment process. We are under direct advisement from a consulting firm and making this purchase based on their specific recommendation. In the event this pilot program produces the favorable results we are looking for, a formal multi-year solicitation will come out directly from our procurement department at a later date. Thank you in advance for your time and consideration.

Ferric Chloride – As Product (with water of hydration)

Consumes 0.56 mg of alkalinity/mg of ferric chloride.

Formula: FeCl₃:6 H₂O

Atomic Weight: 269 amu

Available Iron: 11.7 – 13.9 %

As Product: 60 – 65% (Ferric Chloride as product)

Please let me know if you have any questions. Otherwise, please respond back with your quote or non-interest by 12pm noon on Wednesday, October 17, 2018.

Also, we would like to start shipments as soon as possible.

Thanks!

Thaliah Smith

W/WW Contract Specialist

Direct: (904) 665-8165

Mobile: (904) 859-2482

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Florida has a very broad Public Records Law. Virtually all written communications to or from State and Local Officials and employees are public records available to the public and media upon request. Any email sent to or from JEA's system may be

considered a public record and subject to disclosure under Florida's Public Records Laws. Any information deemed confidential and exempt from Florida's Public Records Laws should be clearly marked. Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact JEA by phone or in writing.

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Florida has a very broad Public Records Law. Virtually all written communications to or from State and Local Officials and employees are public records available to the public and media upon request. Any email sent to or from JEA's system may be considered a public record and subject to disclosure under Florida's Public Records Laws. Any information deemed confidential and exempt from Florida's Public Records Laws should be clearly marked. Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact JEA by phone or in writing.

From: [Smith, Thaliah D. - Contract Specialist](#)
To: [Vu, Hai X. - Dir W/WW & Reuse Treatment](#); [Walker, Janet A.](#)
Cc: [Ruiz-Adams, Melinda M. - Manager Business Operations](#); [Durrett, Michael E. - Mgr Wastewater Treatment and Reuse](#); [Blackley, Peter J.](#)
Subject: RE: Ferric/Hydrochloric acid budgeting
Date: Wednesday, January 9, 2019 2:17:05 PM
Attachments: [image003.jpg](#)
[image005.jpg](#)
[image007.jpg](#)
[image009.jpg](#)
[image011.jpg](#)
[image020.png](#)
[image022.png](#)
[image023.jpg](#)
[RE FerricHydrochloric acid budgeting.msg](#)
[image001.jpg](#)
[image002.jpg](#)
[image013.jpg](#)
[image014.jpg](#)
[image015.jpg](#)
[image016.jpg](#)

Way to go Hai!!!

Janet,

Please put in a req for increase the Ferric P.O. 177829 to \$300K and the Hydrochloric P.O. 177832 to \$50K. Jenny's approval email is attached for backup. Thanks!!!

Thanks!

Thaliah Smith

W/WW Contract Specialist

Direct: (904) 665-8165

Mobile: (904) 859-2482

From: Vu, Hai X. - Dir W/WW & Reuse Treatment

Sent: Wednesday, January 9, 2019 2:03 PM

To: McCollum, Jenny G. - Dir Procurement Services

Cc: Kruck, Daniel R. ; King, George D. ; Ruiz-Adams, Melinda M. - Manager Business Operations ; Smith, Thaliah D. - Contract Specialist

Subject: RE: Ferric/Hydrochloric acid budgeting

Thank you!

Hai X. Vu, P.E.

Director, W/WW & Reuse Treatment

Direct: (904) 665-4028

Mobile: (904) 487-4502

From: McCollum, Jenny G. - Dir Procurement Services

Sent: Wednesday, January 9, 2019 1:46 PM

To: Vu, Hai X. - Dir W/WW & Reuse Treatment <vuhx@jea.com>

Cc: Kruck, Daniel R. <krucdr@jea.com>; King, George D. <kinggd@jea.com>; Ruiz-Adams, Melinda M. - Manager Business Operations <ruizmm@jea.com>; Smith, Thaliah D. - Contract Specialist <smittd@jea.com>

Subject: RE: Ferric/Hydrochloric acid budgeting

Hai,

Thanks for the great explanation!

I approve the suggested plan below.

Thanks!

Jenny McCollum

Chief Procurement Officer and Director of Procurement Services

Direct: (904) 665-4103

From: Vu, Hai X. - Dir W/WW & Reuse Treatment

Sent: Wednesday, January 9, 2019 10:57 AM

To: McCollum, Jenny G. - Dir Procurement Services <gleejs@jea.com>

Cc: Kruck, Daniel R. <krucdr@jea.com>; King, George D. <kinggd@jea.com>; Ruiz-Adams, Melinda M. - Manager Business Operations <ruizmm@jea.com>; Smith, Thaliah D. - Contract Specialist <ssmittd@jea.com>

Subject: FW: Ferric/Hydrochloric acid budgeting

Hi Jenny,

Good morning Jenny,

At the Buckman WRF, we've started a trial study of adding ferric chloride to control struvite (struvite causes a number of operational issues and reduces gas production) and acid to clean the scrubbers. As Mike Durrett indicated below, the trial is

proving to be very successful, with ferric chloride reducing phosphate (a component of struvite) and increasing gas production by 20%, and the acid is keeping the scrubbers clean.

Originally, 3 quotes were requested for ferric chloride and acid for the trial, because the estimated cost was less than \$50,000 (attached emails). Since the trials are so successful, we want to continue to add these chemicals and are working on the formal bid request for ferric chloride and informal bid request for muriatic or hydrochloric acid. That will take some time, so until the new contracts are in place, we would like the ability to increase the existing POs to the existing vendors, PVS Technologies and Brenntag Mid-South, Inc. **We are requesting the limit to be \$300,000.00 for PVS Technologies (ferric chloride supplier) and \$50,000 for Brenntag Mid-South (acid supplier).**

Please let me know if you approve of this approach.

Thank you.

Hai X. Vu, P.E.

Director, W/WW & Reuse Treatment

Direct: (904) 665-4028

Mobile: (904) 487-4502

From: Durrett, Michael E. - Mgr Wastewater Treatment and Reuse

Sent: Thursday, January 3, 2019 8:47 AM

To: Ruiz-Adams, Melinda M. - Manager Business Operations <ruizmm@jea.com>; Vu, Hai X. - Dir W/WW & Reuse Treatment <vuhx@jea.com>

Cc: Calhoun Jr., Deryle I. - VP/GM Water Wastewater Systems <CalhDI@jea.com>; Blackley, Peter J. <BlacPJ@jea.com>

Subject: FW: Ferric/Hydrochloric acid budgeting

Good Morning Hai and Melinda,

So far the Ferric Chloride and Muriatic Acid trials are going well since being started on November 28th. The acid in the scrubber is doing a very good job in keeping it clean. The ferric (at the initial dosing rate of approx. 550gpd) is turning things in the right direction based on lab data. Please see the attached photos of the inside of the scrubber after three weeks of acid, and the Ferric Study Data from 2-3 weeks of ferric addition. Phosphate numbers were originally in the 120-130 range, now in the 60-70s range, with a goal of 20-40 range.

On the call with Hazen-Sawyer yesterday it was recommended to increase the ferric dosing to 660gpd.

While this is great news, it comes at a cost. The initial funding for ferric and muriatic was \$36k and \$9.6k respectively and so far we have run through just over half of it. To continue through the fiscal year we will need approximately \$270k for ferric and \$75k for muriatic. We will need to identify the funds for this as they were not in the O&M budget because this was a trial.

Thank you,

Michael Durrett

Manager Wastewater Treatment & Reuse

Direct: (904) 665-8319

Mobile: (904) 612-0307

From: Blackley, Peter J.

Sent: Thursday, January 03, 2019 7:41 AM

To: Durrett, Michael E. - Mgr Wastewater Treatment and Reuse <durrme@jea.com>

Cc: Wiseman, William J. (Billy) <wisewj@jea.com>

Subject: Ferric/Hydrochloric acid budgeting

Michael,

To maintain the ferric chloride and hydrochloric (muriatic) acid addition through the remainder of this fiscal year, we will need to add funds to the existing P.O.'s: Ferric (P.O. 177829) and Hydrochloric (P.O. 177832) in the following amounts:

Ferric: Additional \$270k on P.O. 177829

Hydrochloric: Additional \$75k on P.O. 177832

That should carry us through until 9/30/19. That assumes a daily ferric usage of ~700 gal and hydrochloric usage of ~100 gallons. If the feed rate of either increases, we will require additional funds.

Thanks,

Peter J. Blackley

Operations Coordinator

JEA

Buckman RMF

2221 Buckman Street

Jacksonville, Florida 32206

904.449.6825 (Direct)

904.665.8377 (Business)

904.665.8361 (Fax)

From: Gray, Roshonda <rgray@PVSChemicals.com>

Sent: Wednesday, January 02, 2019 6:20 PM

To: Blackley, Peter J. <BlacPJ@jea.com>

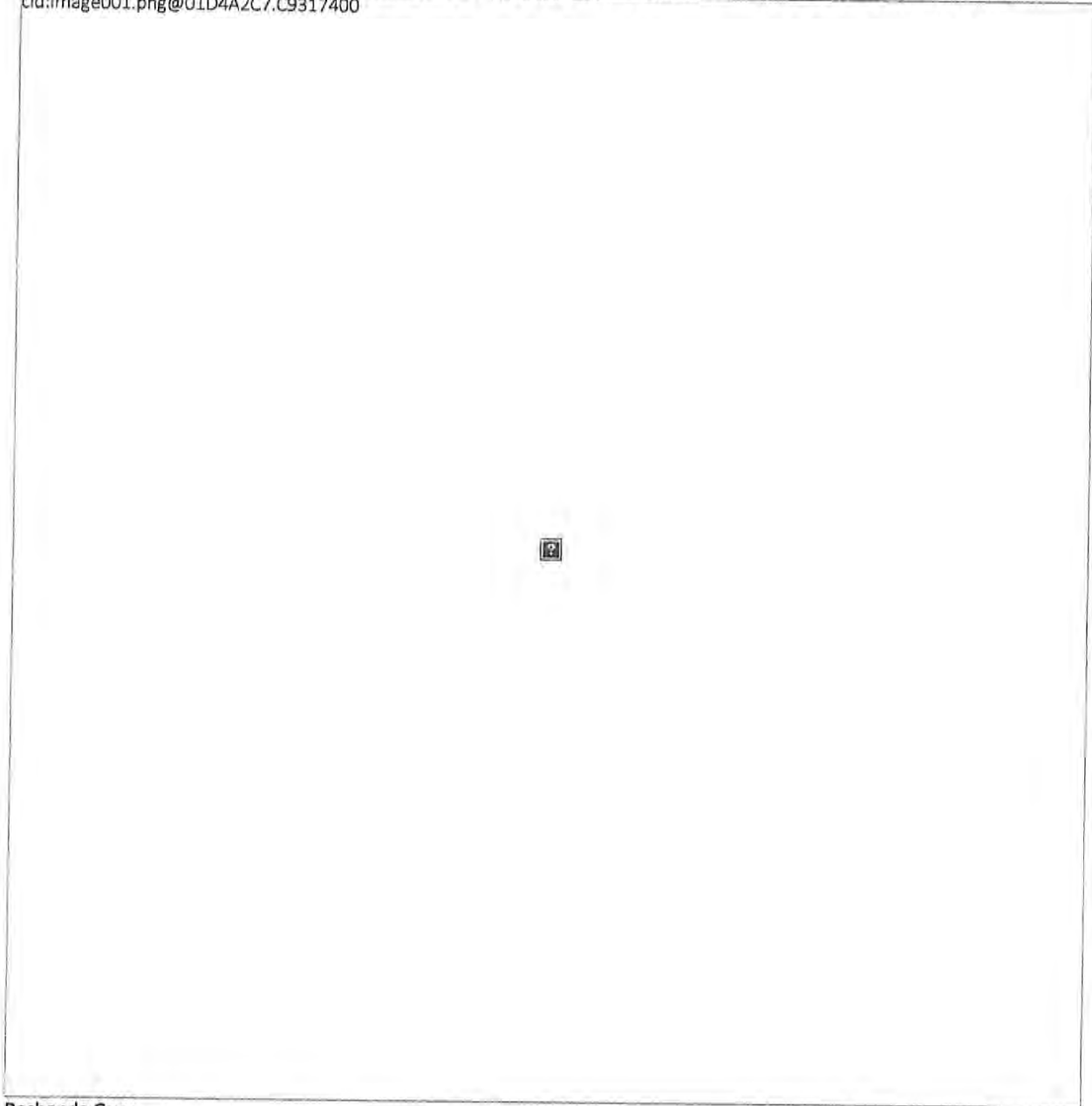
Cc: *Technologies Customer Service <TechnologiesCustomerService@PVSChemicals.com>

Subject: Ferric Deliveries

Hello,

We currently have your loads scheduled for 1/9 (198090-1) & 1/11 (198090-2). Confirmations are listed below. Thank you!

cid:image001.png@01D4A2C7.C9317400



Roshonda Gray

Product Coordinator – PVS Technologies

PVS Chemicals, Inc.

10900 Harper Avenue Detroit, MI 48213

To place an order: 1-800-337-7428

Direct dial: 313-921-1200 ext. 5218

Email: rgray@pvschemicals.com



When placing orders or for order inquiries via e-mail, please include TechnologiesCustomerService@PVSChemicals.com on all your correspondence. Thank you!

"At PVS Chemicals, we are committed to 100% customer satisfaction."



Formal Bid and Award System

Award #6 August 8, 2019

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Request #: 6666
Requestor Name: Benavides, Maria L.
Requestor Phone: (904) 665-7046
Project Title: Cisco Servers and One (1) Yr. Support for Oracle C2M Project
Project Number: 8004943
Project Location: JEA
Funds: Capital
Award Estimate: \$1,200,000.00

Scope of Work:

The primary goals of the Oracle C2M Project are to complete the upgrade of JEA's existing Oracle Customer Care and Billing (CC&B), from version 2.4.1 to version 2.7, replace the current eMeter's MDM 7.2 system with Oracle's solution, and implement the Service Order Manager (SOM) and Smart Grid Gateway (SGG). All of these components are part of the Oracle C2M suite of products. These new Cisco Servers will enable JEA to have a single instance CIS/MDM, streamlining many existing areas including a single browser for CC&B and MDM, a single Oracle utilities framework, as well as exception handling and reporting. The C2M suite of products will eliminate many custom point to point interfaces currently in place at JEA. The elimination of these interfaces will restructure several business processes in key areas such as Billing, Meter Services, and Meter Reading.

This Contract positively affects the following JEA Measures of Value:

- Customer Value: C2M enables increased meter knowledge to benefit JEA customers.
- Community Impact Value: Improved billing reliability.
- Financial Value: C2M streamlines processes for the business in key areas such as billing, Meter Services, and Meter Reading.

JEA IFB/RFP/State/City/GSA#: 123-19
Purchasing Agent: Dambrose, Nickolas C.
Is this a ratification?: No

RECOMMENDED AWARDEE:

Name	Contact Name	Email	Address	Phone	Amount
NETSYNC NETWORK SOLUTIONS, INC.	RANDY SCHAMBERGER	RSCHAMBERGER@NETSYNCNETWORK.COM	2500 WEST LOOP S STE 410, HOUSTON, TX 77027	813.245.1919	\$663,611.20

Amount for entire term of Contract/PO: \$663,611.20
Award Amount for remainder of this FY: \$663,611.20

Length of Contract/PO Term: One-time purchase
Begin Date (mm/dd/yyyy): 09/01/2019
End Date (mm/dd/yyyy): One-time purchase
JSEB Requirement: None. No JSEBs available.

BIDDERS:

Name	Original Amount	Original Rank	BAFO Amount	BAFO Rank
NETSYNC NETWORK SOLUTIONS, INC.	\$666,651.20	1	\$663,611.20	1
PRESIDIO NETWORKED SOLUTIONS, INC.	\$698,240.16	2	\$674,019.50	2
CDW GOVERNMENT, LLC	\$735,692.96	4	\$680,569.28	3
HITEQ COMPUTER SYSTEMS	\$724,747.36	3	\$724,747.36	4
LUMBEE GROUP	\$930,157.45	5	N/A	N/A
IMPERIUM DATA NETWORKS	\$1,122,131.12	6	N/A	N/A

Background/Recommendations:

Advertised on 07/22/2019. At response opening on 07/30/2019, JEA received six (6) Responses. Netsync, Presidio, CDW and Hiteq were short-listed and invited to submit Best and Final Offers (BAFO). JEA evaluated the companies on price only and NetSync Network Solutions is deemed the lowest responsive and responsible respondent. A copy of the Response Form and Workbook are attached as backup.

This purchase provides Cisco Server infrastructure equipment necessary to implement Oracle C2M. Oracle C2M enables a higher level of meter knowledge that will be able to be shared with our customers. Additional benefits to JEA and the community include streamlined processes for the business in key areas such as billing, Meter Services, and Meter Reading. This contract includes one (1) year of standard maintenance and support with all hardware components. Upon completion of the one (1) year of standard maintenance, maintenance will be handled through JEA's existing Cisco Smartnet contract.

JEA solicited Best and Final Offers (BAFO) for this award. In their Best and Final Offer (BAFO), Netsync Network Solutions improved their initial offer by \$3,040.00 (<1%). The award amount is approximately 50% lower than the estimate. The estimate was based on prior history of purchases and discounts.

Procurement tracks two different types of savings. The total cost difference is comparing the current pricing with the proposed pricing (+/-). The total sourcing savings is determined by negotiations, BAFO savings and value added savings. Below is the result for this award:

- Total sourcing savings: \$3,040.00 BAFO Savings

123-19 – Request approval to award a one (1) year contract to Netsync for the purchase of HP 3 Par storage equipment and maintenance and support in the amount of \$663,611.20, subject to the availability of lawfully appropriated funds.

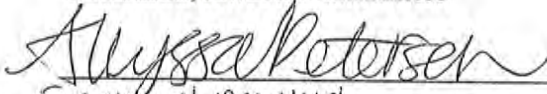
Director: Edgar, Cindy L. - Dir Eng Systems & PMO
VP: Eads, Shawn W. - VP & Chief Information Officer

APPROVALS:

 8/8/19

Chairman, Awards Committee

Date

 08/08/2019

Financial Analyst,
Manager, Capital Budget Planning

Date

123-19 APPENDIX A – RESPONSE FORM BAFO
2019 Cisco Servers

Company Name: Netsync Network Solutions

Company's Address 801 International Pkway, 5th Floor Lake Mary, FL 32746

Phone Number: 866.974.5959 FAX No: 713.664.9964 Email Address: proposals@netsyncnetwork.com, rschamberger@netsyncnetwork.com

BID SECURITY REQUIREMENTS <input checked="" type="checkbox"/> None required <input type="checkbox"/> Certified Check or Bond Five Percent (5%)	TERM OF CONTRACT <input checked="" type="checkbox"/> One-Time Purchase <input type="checkbox"/> Annual Requirements <input type="checkbox"/> Other, Specify- Project Completion
---	---

SAMPLE REQUIREMENTS <input checked="" type="checkbox"/> None required <input type="checkbox"/> Samples required prior to Response Opening <input type="checkbox"/> Samples may be required subsequent to Bid Opening	SECTION 255.05, FLORIDA STATUTES CONTRACT BOND <input checked="" type="checkbox"/> None required <input type="checkbox"/> Bond required 100% of Bid Award
--	--

QUANTITIES <input type="checkbox"/> Quantities indicated are exacting <input checked="" type="checkbox"/> Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.	INSURANCE REQUIREMENTS Insurance required
--	---

PAYMENT DISCOUNTS

1% 20, net 30
 2% 10, net 30
 Other _____
 None Offered

Item No.	ENTER YOUR BID FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES 2019 Cisco Servers	TOTAL BID PRICE
		\$ 663,611.20
	TOTAL BID PRICE (Transfer from Appendix A - Response Workbook BAFO)	\$ 663,611.20

I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

RESPONDENT CERTIFICATION

By submitting this Response, the Respondent certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Respondent Company, that the Company is legally authorized to do business in the State of Florida, and that the Company maintains in active status an appropriate contractor's license for the work (if applicable). The Respondent also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation.

We have received addenda _____



 Handwritten Signature of Authorized Officer of Company or Agent

8/1/2019
Date

N/A through _____

Angela Melone Corporate Editor
Printed Name and Title

ITN #123-19: 2019 Cisco Servers: ALL EQUIPMENT MUST BE DELIVERED TO JEA NO LATER THAN SEPTEMBER 27, 2019
 Appendix A - Response Workbook: BAFO

Bidder shall submit pricing that includes inside shipping to: JEA: 21 West Church Street, Jacksonville, FL 32202 for all items. Pricing submitted below shall include any other associated costs. No additional fees shall apply.

Item Number	Part Number	Item Description	Quantity	Lead Time Delivery by 9/27/19 with a NTP PO by 8/15/19 YES OR NO	Unit Price	SubTotal
Database Servers						
1	UCSB-HD12TB10K12G	UCSB-B200-M5-U 1 - UCS B200 M5 Blade w/o CPU, mem, HDD, mezz (UPG) 1.2 TB 12G SAS 10K RPM SFF HDD	8	YES	\$ 1,294.20	\$ 10,353.60
2	UCSB-MRAID12G	Cisco FlexStorage 12G SAS RAID controller with Drive bays	16	YES	\$ 551.88	\$ 8,830.08
3	UCSB-MLOM-40G-03	Cisco UCS VIC 1340 modular LOM for blade servers	8	YES	\$ 269.64	\$ 2,157.12
4	N20-FW016	UCS 5108 Blade Chassis FW Package 4.0	8	YES	\$ 539.64	\$ 4,317.12
5	UCS-SID-INFR-UNK	UCS-SID-INFR-UNK	8	N/A	\$ -	\$ -
6	UCS-SID-WKL-UNK	UCS-SID-WKL-UNK	8	N/A	\$ -	\$ -
7	RHEL-2S2V-1A	Red Hat Enterprise Linux (1-2 CPU, 1-2 VN); 1-Yr Support Req	8	N/A	\$ -	\$ -
8	UCS-ML-X86G4RS-H	64GB DDR4-2666-MHz LRDIMM/PC4-21300/quad rank/x4/1.2v	96	YES	\$ 1,699.20	\$ 163,123.20
9	UCS-CPU-6144	3.5 GHz 6144/150W 8C/24.75MB Cache/DDR4 2666MHz	16	YES	\$ 3,528.00	\$ 56,448.00
10	CON-SNT-BB200M5U 12 Months	SNTC 8X5XNBD UCS B200 M5 Blade w/o CPU, mem, HDD, mezz (UPG)	8	N/A	\$ 245.78	\$ 1,966.24
11	CON-ISV1-EL2S2V1A 12 Months	ISV 24X7 RHEL Server 2Socket-OR-2Virtual; ANNUAL List Price	8	N/A	\$ 1,000.23	\$ 8,001.84
Sub-Total DB Servers						\$ 255,197.20
Application Servers						
1	UCSB-HD12TB10K12G	UCSB-B200-M5-U 1 - UCS B200 M5 Blade w/o CPU, mem, HDD, mezz (UPG) 1.2 TB 12G SAS 10K RPM SFF HDD	24	YES	\$ 1,294.20	\$ 31,060.80
2	UCSB-MRAID12G	Cisco FlexStorage 12G SAS RAID controller with Drive bays	48	YES	\$ 551.88	\$ 26,490.24
3	UCSB-MLOM-40G-03	Cisco UCS VIC 1340 modular LOM for blade servers	24	YES	\$ 269.64	\$ 6,471.36
4	N20-FW016	UCS 5108 Blade Chassis FW Package 4.0	24	YES	\$ 539.64	\$ 12,951.36
5	UCS-SID-INFR-UNK	UCS-SID-INFR-UNK 1	24	N/A	\$ -	\$ -
6	UCS-SID-WKL-UNK	UCS-SID-WKL-UNK 1	24	N/A	\$ -	\$ -
7	RHEL-2S2V-1A	Red Hat Enterprise Linux (1-2 CPU, 1-2 VN); 1-Yr Support Req	24	N/A	\$ -	\$ -
8	UCS-MR-X32G2RS-H	32GB DDR4-2666-MHz RDIMM/PC4-21300/dual rank/x4/1.2v	144	YES	\$ 774.00	\$ 111,456.00
9	UCS-CPU-6146	3.2 GHz 6146/165W 12C/24.75MB Cache/DDR4 2666MHz	48	YES	\$ 3,960.00	\$ 190,080.00
10	CON-SNT-BB200M5U 12 Months	SNTC 8X5XNBD UCS B200 M5 Blade w/o CPU, mem, HDD, mezz (UPG)	24	N/A	\$ 245.78	\$ 5,898.72
11	CON-ISV1-EL2S2V1A 12 Months	ISV 24X7 RHEL Server 2Socket-OR-2Virtual; ANNUAL List Price	24	N/A	\$ 1,000.23	\$ 24,005.52
Sub-Total App Servers						\$ 408,414.00
TOTAL BID PRICE						\$ 663,611.20

(Please transfer this amount to page one (1) of Appendix A - Response Form BAFO)



Formal Bid and Award System

Award #7 August 8, 2019

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Request #: 6666
Requestor Name: Benavides, Maria L.
Requestor Phone: (904) 665-7046
Project Title: HP 3 Par Storage and Support for Oracle C2M Project
Project Number: 8004943
Project Location: JEA
Funds: Capital
Award Estimate: \$1,700,000.00

Scope of Work:

The primary goals of the Oracle C2M project are to complete the upgrade of JEA's existing Oracle Customer Care and Billing (CC&B), from version 2.4.1 to version 2.7, replace the current eMeter's MDM 7.2 system with Oracle's solution, and implement the Service Order Manager (SOM) and Smart Grid Gateway (SGG). All of these components are part of the Oracle C2M suite of products. These new HP 3Par Storage products will enable JEA to have a single instance CIS/MDM, streamlining many existing areas including a single browser for CC&B and MDM, a single Oracle utilities framework, as well as exception handling and reporting. The C2M suite of products will eliminate many custom point to point interfaces currently in place at JEA. The elimination of these interfaces will restructure several business processes in key areas such as Billing, Meter Services, and Meter Reading.

This Contract positively affects the following JEA Measures of Value:

- Customer Value: C2M enables increased meter knowledge to benefit JEA customers.
- Community Impact Value: Improved billing reliability.
- Financial Value: C2M streamlines processes for the business in key areas such as billing, Meter Services, and Meter Reading.

JEA IFB/RFP/State/City/GSA#: 122-19
Purchasing Agent: Dambrose, Nickolas C.
Is this a ratification?: No

RECOMMENDED AWARDEE:

Name	Contact Name	Email	Address	Phone	Amount
CDW GOVERNMENT, LLC	John Vrablik	johnvra@cdwg.com	75 Remittance Drive Suite 1515 Chicago, IL 60675-1515	(877)466-6333	\$1,367,542.79

Amount for entire term of Contract/PO: \$1,367,542.79
Award Amount for remainder of this FY: \$1,367,542.79

Length of Contract/PO Term: One-time purchase
Begin Date (mm/dd/yyyy): 09/01/2019
End Date (mm/dd/yyyy): One-time purchase
Renewal Options: None
JSEB Requirement: None. No JSEBs available.

BIDDERS:

Name	Original Amount	Original Rank	BAFO Amount	BAFO Rank
CDW GOVERNMENT, LLC	1,520,685.38	2	\$1,367,542.79	1
PRESIDIO NETWORKED SOLUTIONS, INC.	1,432,290.10	1	\$1,382,793.92	2

Background/Recommendations:

Advertised on 07/22/2019. At response opening on 07/30/2019, JEA received two (2) Responses. Presidio and CDW were short-listed and invited to submit Best and Final Offers (BAFO). HP's special pricing agreement provides advantages to a small pool of suppliers which limits competition. The reason for low participation in this bid is due to JEA evaluated the companies on price only and CDW is deemed the lowest responsive and responsible respondent. A copy of the Response Form and Workbook are attached as backup.

This purchase provides Hewlett Packard 3 PAR storage infrastructure equipment necessary to implement Oracle C2M. Oracle C2M enables a higher level of meter knowledge that will be able to be shared with our customers. Additional benefits to JEA and the community include streamlined processes for the business in key areas such as billing, Meter Services, and Meter Reading. This contract includes three (3) years of standard maintenance and support with all hardware components. Upon completion of the three (3) years of standard maintenance, maintenance will be handled through JEA's existing HP support O&M contract.

JEA solicited Best and Final Offers (BAFO) for this award. In their Best and Final Offer (BAFO), CDW improved their initial offer by \$153,142.59 (10%) which resulted in \$64,747.31 in savings compared to the original low bid.

Procurement tracks two different types of savings. The total cost difference is comparing the current pricing with the proposed pricing (+/-). The total sourcing savings is determined by negotiations, BAFO savings and value added savings. Below is the result for this award:

- Total sourcing savings: \$64,747.31 BAFO Savings

The award amount is approximately twenty percent (20%) lower than the estimate. The estimate was based on prior history of purchases and discounts.

122-19 – Request approval to award a one (1) year contract to CDW for the purchase of HP 3 Par storage equipment and maintenance and support in the amount of \$1,367,542.79, subject to the availability of lawfully appropriated funds.

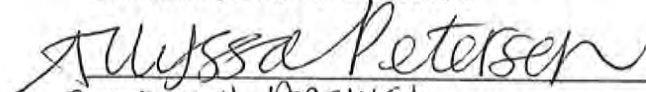
Director: Edgar, Cindy L. - Dir Eng Systems & PMO
VP: Eads, Shawn W. - VP & Chief Information Officer

APPROVALS:

 8/8/19

Chairman, Awards Committee

Date

 08/08/2019

Financial Analyst,
Manager, Capital Budget Planning

Date

122-2019 APPENDIX A – RESPONSE FORM BAFO
2019 HP 3Par Storage Equipment

Company Name: CDW

Company's Address 120 S Riverside, Chicago IL 60606

Phone Number: 312-705-9084 FAX No: 312-705-9184 Email Address: johnvra@cdw.com

BID SECURITY REQUIREMENTS

- None required
 Certified Check or Bond Five Percent (5%)

TERM OF CONTRACT

- One-Time Purchase
 Annual Requirements
 Other, Specify- Project Completion

SAMPLE REQUIREMENTS

- None required
 Samples required prior to Response Opening
 Samples may be required subsequent to Bid Opening

SECTION 255.05, FLORIDA STATUTES CONTRACT BOND

- None required
 Bond required 100% of Bid Award

QUANTITIES

- Quantities indicated are exacting
 Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.

INSURANCE REQUIREMENTS

Insurance required

PAYMENT DISCOUNTS

- 1% 20, net 30
 2% 10, net 30
 Other _____
 None Offered

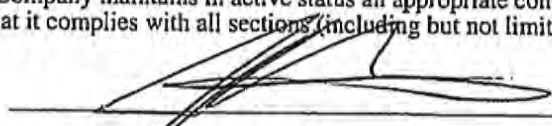
Item No.	ENTER YOUR BID FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES 2019 HP 3Par Storage Equipment	TOTAL BID PRICE
	TOTAL BID PRICE (Transfer from Appendix A - Response Workbook BAFO)	\$1,367,542.79

X I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

RESPONDENT CERTIFICATION

By submitting this Response, the Respondent certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Respondent Company, that the Company is legally authorized to do business in the State of Florida, and that the Company maintains in active status an appropriate contractor's license for the work (if applicable). The Respondent also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation.

We have received addenda



08/01/2019

Handwritten Signature of Authorized Officer of Company or Agent

Date

_____ through _____

John Vrablik, Senior AM

Printed Name and Title

ITN #122-19: 2019 HP 3Par Storage Equipment: ALL EQUIPMENT MUST BE DELIVERED TO JEA NO LATER THAN SEPTEMBER 27, 2019
 Appendix A - Response Workbook BAFO

Bidder shall submit pricing that includes inside shipping to: JEA: 21 West Church Street, Jacksonville, FL 32202 for all items. Pricing submitted below shall include any other associated costs. No additional fees shall apply.

CDW

Item Number	Part Number	Item Description	Quantity	Lead Time Delivery by 9/27/19 with a NTP PO by 8/15/19 YES OR NO	Lead Time	Unit Price	SubTotal
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Storage at Cologix
 Config Name: Cologix JEA 9450 capacity addon 24X7TB SSDs
 UCID: 5116226597-01 (Solution Level)

1	Q0F45A	HPE 3PAR 9000 7.68TB SAS SFF (2.5in) FIPS Encrypted SSD with All-inclusive Single-system Software	24		Short	\$ 11,393.42	\$ 273,442.08
2	H1K92A3	HPE 3Y Proactive Care 24x7 SVC	1	Yes	N/A	\$ -	\$ -
3	H1K92A3 WFF	HPE 3PAR 9000 7.68TB+5W SFF FE SSD Supp	24	N/A	N/A	\$ 3,039.36	\$ 72,944.64
4	HA124A1	HPE Technical Installation Startup SVC	1	N/A	N/A	\$ -	\$ -
5	HA124A1 5LV	HPE Startup 3PAR 9K 12ct Drv Fld Int SVC	2	N/A	N/A	\$ 331.34	\$ 662.68
6	H0JD6A1	HPE 3PAR SSD Extended Replacement SVC	24	N/A	N/A	\$ -	\$ -
Sub-Total Storage at Cologix							\$ 347,049.40

Storage at SOCC
 Config Name: SOCC JEA 3PAR 9450 with QTY 16 15TB SSDs
 UCID: 5116226306-01 (Solution Level)

1	Q0E92A	HPE 3PAR 9450 2-node Storage Base with All-inclusive Single-system Software	1	YES	Short	\$ 34,256.92	\$ 34,256.92
2	Q7F41A	HPE 3PAR 9450+SW Storage Node	2	YES	Short	\$ 5,145.34	\$ 10,290.68
3	Q7F41A OD1	Factory Integrated	2	N/A	N/A	\$ -	\$ -
4	Q0E97A	HPE 3PAR 9000 4-port 16Gb Fiber Channel Host Bus Adapter	4	YES	Short	\$ 1,697.06	\$ 6,788.24
5	Q0E97A OD1	Factory Integrated	4	N/A	N/A	\$ -	\$ -
6	L7F04A	HPE 3PAR 9450 All-inclusive Multi-system Software LTU	1	YES	Short	\$ 16,243.50	\$ 16,243.50
7	L7F04A OD1	Factory Integrated	1	N/A	N/A	\$ -	\$ -
8	L7F18A	HPE 3PAR 9450 Data Encryption LTU	1	N/A	N/A	\$ 2,633.37	\$ 2,633.37
9	L7F18A OD1	Factory Integrated	1	N/A	N/A	\$ -	\$ -
10	P9M30A	HPE 3PAR StoreServ 20000 Direct Connect Cabling Option for Drive Enclosure	1	N/A	N/A	\$ -	\$ -
11	P9M30A OD1	Factory Integrated	1	N/A	N/A	\$ -	\$ -
12	Q0E95A	HPE 3PAR 9000 24-disk 2U SFF (2.5in) SAS Drive Enclosure	4	YES	Short	\$ 1,755.58	\$ 7,022.32
13	Q0F46A	HPE 3PAR 9000 15.36TB SAS SFF (2.5in) FIPS Encrypted SSD with All-inclusive Single-system Software	16	YES	Short	\$ 19,334.20	\$ 309,347.20
14	Q0F46A OD1	Factory Integrated	16		N/A	\$ -	\$ -
15	716197-B21	HPE External 2.0m (6ft) Mini-SAS HD 4x to Mini-SAS HD 4x Cable	8	YES	Short	\$ 87.85	\$ 702.80
16	716197-B21 OD1	Factory Integrated	8	N/A	N/A	\$ -	\$ -
17	Q2S13A	HPE 3PAR StoreServ RPS Service Processor	1	YES	Short	\$ 2,545.59	\$ 2,545.59
18	C8S86A	HPE 3PAR StoreServ Third Party Rack Mount Kit	1	N/A	N/A	\$ 292.60	\$ 292.60
19	L7F19A	HPE 3PAR All-inclusive Single-system Software Latest Version Media Kit	1	N/A	N/A	\$ 40.97	\$ 40.97
20	L7F21A	HPE 3PAR All-inclusive Multi-system Software Latest Version Media Kit	1	N/A	N/A	\$ -	\$ -
21	QK734A	HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 5m Cable	16	YES	Short	\$ 65.48	\$ 1,047.68
22	HA124A1	HPE Technical Installation Startup SVC	1	N/A	N/A	\$ -	\$ -
23	HA124A1 5KZ	HPE Startup 3PAR 9K Drv Encl Fld Int SVC	4	N/A	N/A	\$ 331.34	\$ 1,325.36
24	HA124A1 5KT	HPE Startup 3PAR 9K Base Fld Int SVC	1	N/A	N/A	\$ 5,726.65	\$ 5,726.65
25	HA124A1 5BK	HPE Startup 3PAR 9K All-Inc Sng-Sys SVC	1	N/A	N/A	\$ 4,592.86	\$ 4,592.86
26	HA124A1 5BM	HPE Startup 3PAR 9K Mlt-Sy PM-PP-RC SVC	1	N/A	N/A	\$ 4,986.54	\$ 4,986.54
27	H0JD6A1	HPE 3PAR SSD Extended Replacement SVC	16	N/A	N/A	\$ -	\$ -
28	H1K92A3	HPE 3Y Proactive Care 24x7 SVC	1	N/A	N/A	\$ -	\$ -
29	H1K92A3 WSF	HPE 3PAR Internal Entitlement Supp	3	N/A	N/A	\$ -	\$ -
30	H1K92A3 4BG	HPE 3PAR StoreServ AC/RPS SP Support	1	N/A	N/A	\$ 347.53	\$ 347.53
31	H1K92A3 WER	HPE 3PAR 9450 2N+SW Base Supp	1	N/A	N/A	\$ 9,807.65	\$ 9,807.65
32	H1K92A3 WEU	HPE 3PAR 9000 2U SFF Enclosure Supp	4	N/A	N/A	\$ 38.72	\$ 154.88
33	H1K92A3 WEW	HPE 3PAR 9000 4-pt 16Gb FC HBA Supp	4	N/A	N/A	\$ 347.53	\$ 1,390.12
34	H1K92A3 WFG	HPE 3PAR 9000 15.36TB+5W SFF FE SSD Supp	16	N/A	N/A	\$ 5,157.78	\$ 82,524.48
35	H1K92A3 Y8Q	HPE 3PAR 9450 AI Multi-system SW Supp	1	N/A	N/A	\$ 11,414.62	\$ 11,414.62
36	H1K92A3 Y8R	HPE 3PAR 9450 Data Encryption Supp	1	N/A	N/A	\$ 1,850.59	\$ 1,850.59
37	H1K92A3 Y91	HPE 3PAR 9450+SW Storage Node Support	2	N/A	N/A	\$ 1,473.50	\$ 2,947.00
Sub-Total Backup Storage SOCC							\$ 518,280.15

Storage Backup at Cologix
Config Name: JEA StoreOnce 5650 for Cologix
UCID: 5116221480-01 (Solution Level)

1	BB959A	HPE StoreOnce 5650 Base System	1	YES	Short	\$ 35,407.73	\$ 35,407.73
2	BB968A	HPE StoreOnce 5250/5650 120TB Drawer/Capacity Upgrade Kit	1	YES	Short	\$ 25,751.07	\$ 25,751.07
3	BB968A OD1	Factory Integrated	1	YES	Short	\$ -	\$ -
4	BB976A	HPE StoreOnce 5250/5650 88TB Capacity Upgrade Kit	5	YES	Short	\$ 20,922.75	\$ 104,613.75
5	BB976A OD1	Factory Integrated	5	YES	Short	\$ -	\$ -
6	BB982A	HPE StoreOnce Gen4 10/25Gb SFP Network Card	2	YES	Short	\$ 804.72	\$ 1,609.44
7	BB982A OD1	Factory Integrated	2	YES	Short	\$ -	\$ -
8	BB986A	HPE StoreOnce Gen4 16Gb Fibre Channel Network Card	2	YES	Short	\$ 1,609.44	\$ 3,218.88
9	BB986A OD1	Factory Integrated	2	YES	Short	\$ -	\$ -
10	BB969A	HPE StoreOnce 5250/5650 120TB Drawer/Capacity Upgrade Kit LTU	1	N/A	N/A	\$ -	\$ -
11	BB969A OD1	Factory Integrated	1	N/A	N/A	\$ -	\$ -
12	BB977A	HPE StoreOnce 5250/5650 88TB Capacity Upgrade LTU	5	N/A	N/A	\$ -	\$ -
13	BB977A OD1	Factory Integrated	5	N/A	N/A	\$ -	\$ -
14	BB983A	HPE StoreOnce Gen4 10/25Gb SFP Network Card LTU	2	N/A	N/A	\$ -	\$ -
15	BB983A OD1	Factory Integrated	2	N/A	N/A	\$ -	\$ -
16	BB987A	HPE StoreOnce Gen4 16Gb Fibre Channel Network Card LTU	2	N/A	N/A	\$ -	\$ -
17	BB987A OD1	Factory Integrated	2	N/A	N/A	\$ -	\$ -
18	QK734A	HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 5m Cable	8	YES	Short	\$ 64.83	\$ 518.64
19	BB994A	HPE StoreOnce Encryption LTU	1	N/A	N/A	\$ -	\$ -
20	H1K92A3	HPE 3Y Proactive Care 24x7 SVC	1	N/A	N/A	\$ -	\$ -
21	H1K92A3 ZH9	HPE StoreOnce 52/5650 88TB CapUpKit Supp	5	N/A	N/A	\$ 8,134.31	\$ 40,671.55
22	H1K92A3 ZH2	HPE StoreOnce 5650 Base System Support	1	N/A	N/A	\$ 25,390.24	\$ 25,390.24
23	H1K92A3 ZH7	HPE StoreOnce 52/5650 120TBDrwrUpKt Supp	1	N/A	N/A	\$ 8,478.20	\$ 8,478.20
24	HA124A1	HPE Technical Installation Startup SVC	1	N/A	N/A	\$ -	\$ -
25	HA124A1 5T7	HPE StoreOnce Sing N Catalys Startup SVC	1	N/A	N/A	\$ 3,410.54	\$ 3,410.54
26	HA124A1 5WQ	HPE StoreOnce 52/5650 Stup SVC	1	N/A	N/A	\$ 2,036.58	\$ 2,036.58
Sub-Total Backup Storage Cologix							\$ 251,106.62

Storage Backup at SOCC
Config Name: JEA StoreOnce 5650 for SOCC
UCID: 5116221474-01 (Solution Level)

1	BB959A	HPE StoreOnce 5650 Base System	1	YES	Short	\$ 35,407.73	\$ 35,407.73
2	BB968A	HPE StoreOnce 5250/5650 120TB Drawer/Capacity Upgrade Kit	1	YES	Short	\$ 25,751.07	\$ 25,751.07
3	BB968A OD1	Factory Integrated	1	YES	Short	\$ -	\$ -
4	BB976A	HPE StoreOnce 5250/5650 88TB Capacity Upgrade Kit	5	YES	Short	\$ 20,922.75	\$ 104,613.75
5	BB976A OD1	Factory Integrated	5	YES	Short	\$ -	\$ -
6	BB982A	HPE StoreOnce Gen4 10/25Gb SFP Network Card	2	YES	Short	\$ 804.72	\$ 1,609.44
7	BB982A OD1	Factory Integrated	2	YES	Short	\$ -	\$ -
8	BB986A	HPE StoreOnce Gen4 16Gb Fibre Channel Network Card	2	YES	Short	\$ 1,609.44	\$ 3,218.88
9	BB986A OD1	Factory Integrated	2	YES	Short	\$ -	\$ -
10	BB969A	HPE StoreOnce 5250/5650 120TB Drawer/Capacity Upgrade Kit LTU	1	N/A	N/A	\$ -	\$ -
11	BB969A OD1	Factory Integrated	1	N/A	N/A	\$ -	\$ -
12	BB977A	HPE StoreOnce 5250/5650 88TB Capacity Upgrade LTU	5	N/A	N/A	\$ -	\$ -
13	BB977A OD1	Factory Integrated	5	N/A	N/A	\$ -	\$ -
14	BB983A	HPE StoreOnce Gen4 10/25Gb SFP Network Card LTU	2	N/A	N/A	\$ -	\$ -
15	BB983A OD1	Factory Integrated	2	N/A	N/A	\$ -	\$ -
16	BB987A	HPE StoreOnce Gen4 16Gb Fibre Channel Network Card LTU	2	N/A	N/A	\$ -	\$ -
17	BB987A OD1	Factory Integrated	2	N/A	N/A	\$ -	\$ -
18	QK734A	HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 5m Cable	8	YES	Short	\$ 64.83	\$ 518.64
19	BB994A	HPE StoreOnce Encryption LTU	1	N/A	N/A	\$ -	\$ -
20	H1K92A3	HPE 3Y Proactive Care 24x7 SVC	1	N/A	N/A	\$ -	\$ -
21	H1K92A3 ZH9	HPE StoreOnce 52/5650 88TB CapUpKit Supp	5	N/A	N/A	\$ 8,134.31	\$ 40,671.55
22	H1K92A3 ZH2	HPE StoreOnce 5650 Base System Support	1	N/A	N/A	\$ 25,390.24	\$ 25,390.24
23	H1K92A3 ZH7	HPE StoreOnce 52/5650 120TBDrwrUpKt Supp	1	N/A	N/A	\$ 8,478.20	\$ 8,478.20
24	HA124A1	HPE Technical Installation Startup SVC	1	N/A	N/A	\$ -	\$ -
25	HA124A1 5T7	HPE StoreOnce Sing N Catalys Startup SVC	1	N/A	N/A	\$ 3,410.54	\$ 3,410.54
26	HA124A1 5WQ	HPE StoreOnce 52/5650 Stup SVC	1	N/A	N/A	\$ 2,036.58	\$ 2,036.58
Sub-Total Backup Storage SOCC							\$ 251,106.62

TOTAL BID PRICE
(Please transfer this amount to page one (1) of Appendix A - Response Form BAFO) **\$ 1,367,542.79**

**Formal Bid and Award System**

Award #8 August 8, 2019

Type of Award Request: BID (IFB)
Request #: 6574
Requestor Name: Boree, Allan D.
Requestor Phone: (904) 665-4468
Project Title: JEA Nassau Regional Water Treatment Plant (WTP) Wellhead No. 3 and Water Main Improvements
Project Number: 8004327
Project Location: JEA
Funds: Capital
Budget Estimate: \$1,983,000.00

Scope of Work:

The Nassau Regional WTP is located at 96362 Piedmont Dr., Fernandina Beach, FL 32034. Its current annual average daily flow (AADF) is 1.47 MG and 12-month maximum day flow (MDF) is 2.53 MG. It is served by two 2,000 GPM wells. Since the Nassau grid is not well interconnected and other water plants cannot sustain system pressure during peak demand season if the Nassau Regional WTP is down, this plant needs to be running at capacity. A backup well is needed to ensure JEA can maintain required system pressure in the Nassau grid.

The new well is forty percent (40%) complete. The scope of this request is to construct the associated wellhead (pump discharge piping and controls) and 4,240 linear feet (LF) of water main improvements.

This award positively impacts all of JEA's Measures of Value:

- **Customer Value:** the system upgrades provide raw water supply redundancy which minimize system outages to the customer, while maintaining service levels, increasing overall value of the utility to the customer
- **Community Impact Value:** Improved operational reliability improves the level of service and positively impacts the community
- **Environmental Value:** The addition of one new water supply well will assist in maintaining raw water supply and water quality to the water system while minimizing the environmental impact to the existing Floridan Aquifer.
- **Financial Value:** Planned and timed upgrades to the water infrastructure makes the best use of capital resources, while keeping the utility operating within design limitations, which provides a better return on investment and creates financial value

JEA IFB/RFP/State/City/GSA#: 092-19
Purchasing Agent: King, David
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
WILLIAMS INDUSTRIAL SERVICES, INC.	Jason Arnett	jarnett@wisgrp.com	591 Pickettville Rd., Jacksonville, FL 32220	(904) 696- 9994	\$1,804,630.00

Amount for entire term of Contract/PO: \$1,804,630.00

Award Amount for remainder of this FY: \$50,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 09/16/2019
End Date (mm/dd/yyyy): Project Completion (Expected: 03/2021)
JSEB Requirement: Ten Percent (5%) Goal
Comments on JSEB Requirements:
 Mac Industrial (Pipe Materials) - 5%

BIDDERS:

Name	Amount
WILLIAMS INDUSTRIAL SERVICES, INC.	\$1,804,630.00
SAWCROSS, INC.	\$2,003,524.00

Background/Recommendations:

Advertised on 06/13/2019. Four (4) prime contractors attended the mandatory pre-bid meeting held on 06/24/2019. At Bid opening on 07/30/2019, JEA received two (2) Bids. One of the no-bids indicated they were too busy to bid; the other did not meet minimum qualifications. Williams Industrial Services, Inc. is the lowest responsive and responsible Bidder. A copy of the Bid Form and workbook are attached as backup.

The award amount of \$1,804,630.00 is approximately nine percent (9%) lower than the budget estimate and deemed reasonable. Any excess capital funds will be returned to the capital project holding accounts, after project completion.

The project details are below:

- Original Project Budget: \$2,735,300.00
 - Engineering Estimate: \$475,000.00
 - Construction Estimate: \$1,938,300.00
 - Internal JEA Costs: \$322,000.00
- Revised Budget: \$2,796,050.00 (100% Design)
 - Revised Engineering Cost: \$673,553.00 (Design firm: CH2M, 35% of Estimated Construction Costs)
 - Revised Construction Cost: \$1,938,300.00
 - Revised Internal JEA Costs: \$184,197.00
- Estimate at Completion: \$2,662,380.00
 - Engineering Cost: \$673,553.00
 - **Actual Construction Cost: \$1,804,630.00 (this Award)**
 - Internal JEA Costs: \$184,197.00
- Original Project Schedule:
 - Engineering Completion: December 2017
 - Construction Completion: August 2018
- Revised Project Schedule:
 - Engineering Completion: April 2019
 - Construction Completion: March 2021

Major Changes/Issues:

Project involved the addition of a new 24 inch plant effluent main as requested by O&M and approved by JEA team. Also, this project was delayed for approximately 12 months due to Nassau County road crossing approval.

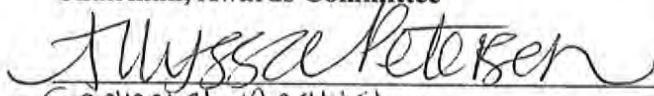
092-19 – Request approval to award a contract to Williams Industrial Services, Inc. for construction services for JEA Nassau Regional WTP Wellhead No. 3 and Water Main Improvements in the amount of \$1,804,630.00, subject to the availability of lawfully appropriated funds.

Manager: Phillips, Brian R. - Mgr W/WW Project Management
Director: Conner, Sean M. - Dir W/WW Project Engineering & Construction
VP: Calhoun, Deryle I. - VP/GM Water Wastewater Systems

APPROVALS:

 08/08/19

Chairman, Awards Committee **Date**

 08/08/2019

Financial Analyst,
Manager, Capital Budget Planning **Date**

Appendix B - Bid Form
092-19 JEA Nassau Regional WTP Wellhead No. 3 and Water Main Improvements

Submit an **original, two (2) copies and one (1) thumb drive** along with other required forms in a sealed envelope to: JEA Procurement Dept., 21 W. Church St., Bid Office, Customer Center, 1st Floor, Room 002, Jacksonville, FL 32202-3139.

Company Name: Williams Industrial Services

Company's Address: 591 Pickettville Rd Jacksonville, FL 32220

License Number: CGC1509013

Phone Number: 904-696-9994 FAX No: 904-699-9997 Email Address: jarnett@wisgrp.com

<p>BID SECURITY REQUIREMENTS</p> <input type="checkbox"/> None required <input checked="" type="checkbox"/> Certified Check or Bond (Five Percent (5%))	<p>TERM OF CONTRACT</p> <input type="checkbox"/> One Time Purchase <input type="checkbox"/> Annual Requirements <input checked="" type="checkbox"/> Other, Specify - Project Completion
<p>SAMPLE REQUIREMENTS</p> <input checked="" type="checkbox"/> None required <input type="checkbox"/> Samples required prior to Bid Opening <input type="checkbox"/> Samples may be required subsequent to Bid Opening	<p>SECTION 255.05, FLORIDA STATUTES CONTRACT BOND</p> <input type="checkbox"/> None required <input checked="" type="checkbox"/> Bond required 100% of Bid Award

<p>QUANTITIES</p> <input type="checkbox"/> Quantities indicated are exacting <input checked="" type="checkbox"/> Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.	<p>INSURANCE REQUIREMENTS</p> <p align="center">Insurance required</p>
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<p>PAYMENT DISCOUNTS</p> <input type="checkbox"/> 1% 20, net 30 <input type="checkbox"/> 2% 10, net 30 <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> None Offered	
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<p>ENTER YOUR BID FOR RFQ 092-19</p>	<p>TOTAL BID PRICE</p>
<p>Total Bid Price for the Project (enter total from cell F109 from the Bid Workbook)</p>	<p>\$1,804,630.00</p>

I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

BIDDER'S CERTIFICATION

By submitting this Bid, the Bidder certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Bidding Company, that the Company is legally authorized to do business in the State of Florida, and that the Company maintains in active status an appropriate contractor's license for the work (if applicable). The Bidder also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation.

We have received addenda 1 through 2


JASON ARNETT 7/30/19
 Handwritten Signature of Authorized Officer of Company or Agent Date

JASON ARNETT Project Manager
 Printed Name and Title

Appendix B - Bid Workbook

Only complete the Prices in Yellow Cells

092-19 JEA Nassau Regional WTP Wellhead No. 3 and Water Main Improvements

BID ITEM No. 1 - WELLHEAD No. 3 AND 12-INCH RAW WATER MAIN						
Item No.	M&P Spec No.	Quantity	Units	Item Description	Unit Price	Cost
1	5.4*	1	LS	Wellhead No. 3	\$ 481,031	\$ 481,031
2	801.VIII	1,350	SY	Sodding	\$ 13	\$ 16,904
3	801.VIII	3,550	SY	Seeding & Mulching	\$ 1	\$ 3,231
4	801.X.2	1,795	SY	Remove Gravel Driveway	\$ 13	\$ 22,886
5	801.X.5	1,795	SY	Install 6-inch Gravel Driveway	\$ 23	\$ 40,657
6	801.XIII.1	2,165	LF	12-inch CLDI PC350 Raw Water Main	\$ 98	\$ 211,759
7	801.XIII.2	2	EA	12-inch 90° Bend R.M.J.	\$ 663	\$ 1,327
8	801.XIII.2	13	EA	12-inch 45° Bend R.M.J.	\$ 624	\$ 8,107
9	801.XIII.6	45	EA	12-inch CLDI Pipe Bell Restraints	\$ 220	\$ 9,916
10	801.XIII.13	3	EA	1-inch Temporary Sample Tap	\$ 448	\$ 1,344
11	801.XIV.2	2	EA	12-inch Gate R.M.J. Valve	\$ 2,500	\$ 5,000
12	5.9*	1	LS	Nassau WTP Instrumentation and Control Allowance	\$ 25,000	\$ 25,000
BID ITEM No. 1 SUB-TOTAL						\$ 827,160

BID ITEM No. 2 - BASE BID AMELIA CONCOURSE OPEN-CUT CROSSING (DWG. 05-Y-004BB)						
Item No.	M&P Spec No.	Quantity	Units	Item Description	Unit Price	Cost
13	801.VIII	700	SY	Sodding	\$ 13	\$ 8,765
14	801.VIII	125	SY	Seeding & Mulching	\$ 1	\$ 89
15	801.IX.1	120	SY	Pavement Removal	\$ 19	\$ 2,232
16	801.IX.2	37	SY	Paving Repair - Open Road Cut/Compacted Backfill	\$ 133	\$ 4,932
17	801.IX.2	83	SY	Paving Repair - Open Road Cut/Flowable Backfill	\$ 81	\$ 6,719
18	801.IX.6	1,370	SY	Existing Pavement - Milling and Resurfacing (1-1/4 inches)	\$ 25	\$ 33,673
19	801.X.2	30	SY	Remove Concrete Driveway	\$ 19	\$ 560
20	801.X.2	170	SY	Remove Gravel Driveway	\$ 13	\$ 2,168
21	801.X.3	80	LF	Remove Curb and Gutter	\$ 19	\$ 1,492
22	801.X.5	30	SY	Install 6-inch Thick Concrete Driveway	\$ 132	\$ 3,950
23	801.X.5	170	SY	Install 6-inch Gravel Driveway	\$ 19	\$ 3,172
24	801.X.6	80	LF	Install Nassau County Standard Curb & Gutter	\$ 41	\$ 3,286
25	801.XIII.1	465	LF	12-inch CLDI PC350 Raw Water Main	\$ 168	\$ 78,283
26	801.XIII.2	3	EA	12-inch 90° Bend R.M.J.	\$ 665	\$ 1,994
27	801.XIII.2	1	EA	12-inch 45° Bend R.M.J.	\$ 624	\$ 624
28	801.XIII.2	1	EA	12-inch 22.5° Bend R.M.J.	\$ 600	\$ 600
29	801.XIII.2	1	EA	12-inch 11.25° Bend R.M.J.	\$ 588	\$ 588
30	801.XIII.2	1	EA	16-inch x 12-inch Reducer R.M.J.	\$ 859	\$ 859
31	801.XIII.6	12	EA	12-inch CLDI Pipe Bell Restraints	\$ 201	\$ 2,410
32	801.XIII.13	1	EA	1-inch Temporary Sample Tap	\$ 448	\$ 448
33	801.XIV.2	1	EA	12-inch Gate R.M.J. Valve	\$ 2,500	\$ 2,500
34	801.XIV.6	1	EA	Connect to Existing 16-inch Water Main with new 16-inch R.M.J. Long Sleeve	\$ 1,187	\$ 1,187
35	5.7*	1	LS	Amelia Concourse Open-Cut Crossing MOT Allowance	\$ 15,000	\$ 15,000
BID ITEM No. 2 SUB-TOTAL						\$ 175,529

BID ITEM No. 3 - ALTERNATE BID AMELIA CONCOURSE HDD CROSSING DESIGN-BUILD (DWG. 05-Y-004AB)						
Item No.	M&P Spec No.	Quantity	Units	Item Description	Unit Price	Cost
36	5.5*	1	LS	Amelia Concourse HDD Crossing Design-Build	\$ 140,452	\$ 140,452
BID ITEM No. 3 SUB-TOTAL						\$ 140,452

BID ITEM No. 4 - 24-INCH FINISHED WATER MAIN						
Item No.	M&P Spec No.	Quantity	Units	Item Description	Unit Price	Cost
37	5.6*	1	LS	FP&L Primary Feeder Conduits	\$ 23,968	\$ 23,968
38	801.VIII	540	SY	Sodding	\$ 13	\$ 6,761
39	801.VIII	720	SY	Seeding & Mulching	\$ 1	\$ 515

40	801.IX.1	370	SY	Pavement Removal	\$ 19	\$ 6,883
41	801.IX.2	370	SY	Paving Repair - Open Road Cut/Compacted Backfill	\$ 64	\$ 23,532
42	801.IX.6	520	SY	Existing Pavement - Milling and Resurfacing (1-1/4 inches)	\$ 53	\$ 27,698
43	801.X.1	25	SY	Remove Sidewalk	\$ 33	\$ 814
44	801.X.2	150	SY	Remove Concrete Driveway	\$ 22	\$ 3,287
45	801.X.2	1,000	SY	Remove Gravel Driveway	\$ 13	\$ 12,750
46	801.X.3	50	LF	Remove Curb and Gutter	\$ 19	\$ 933
47	801.X.4	25	SY	Install 4-inch Thick Sidewalk	\$ 97	\$ 2,437
48	801.X.5	150	SY	Install 6-inch Thick Concrete Driveway	\$ 121	\$ 18,174
49	801.X.5	1,000	SY	Install 6-inch Gravel Driveway	\$ 19	\$ 18,656
50	801.X.6	50	LF	Install Nassau County Standard Curb & Gutter	\$ 41	\$ 2,054
51	801.XI	20	LF	Remove and Replace Fence Gate and Post	\$ 199	\$ 3,975
52	801.XIII.1	1,340	LF	24-inch CLDI PC200 Finished Water Main	\$ 197	\$ 264,248
53	801.XIII.1	20	LF	16-inch CLDI PC250 Finished Water Main	\$ 89	\$ 1,774
54	801.XIII.1	235	LF	12-inch CLDI PC350 Raw Water Main	\$ 82	\$ 19,341
55	801.XIII.2	2	EA	24-inch x 16-inch Reducer R.M.J.	\$ 1,259	\$ 2,518
56	801.XIII.2	1	EA	16-inch x 12-inch Reducer R.M.J.	\$ 908	\$ 908
57	801.XIII.2	1	EA	16-inch x 12-inch Reducer P.E.x R.M.J.	\$ 712	\$ 712
58	801.XIII.2	1	EA	24-inch x 24-inch x 24-inch Tee R.M.J.	\$ 3,320	\$ 3,320
59	801.XIII.2	2	EA	16-inch x 16-inch x 16-inch Tee R.M.J.	\$ 1,925	\$ 3,850
60	801.XIII.2	11	EA	24-inch 45° Bend R.M.J.	\$ 2,162	\$ 23,787
61	801.XIII.2	9	EA	24-inch 22.5° Bend R.M.J.	\$ 2,044	\$ 18,397
62	801.XIII.2	1	EA	24-inch Cap R.M.J.	\$ 1,091	\$ 1,091
63	801.XIII.2	2	EA	12-inch 90° Bend R.M.J.	\$ 665	\$ 1,329
64	801.XIII.2	4	EA	12-inch 45° Bend R.M.J.	\$ 624	\$ 2,495
65	801.XIII.2	6	EA	12-inch 22.5° Bend R.M.J.	\$ 600	\$ 3,599
66	801.XIII.6	52	EA	24-inch CLDI Pipe Bell Restraints	\$ 865	\$ 44,980
67	801.XIII.6	7	EA	12-inch CLDI Pipe Bell Restraints	\$ 201	\$ 1,406
68	801.XIII.9	1	EA	Water Service Replacement (Long Side)	\$ 2,500	\$ 2,500
69	801.XIII.13	5	EA	1-inch Temporary Sample Tap	\$ 593	\$ 2,967
70	801.XIV.2	1	EA	24-inch Gate R.M.J. Valve	\$ 19,858	\$ 19,858
71	801.XIV.2	3	EA	16-inch Gate R.M.J. Valve	\$ 5,942	\$ 17,825
72	801.XIV.6	2	EA	Connect to Existing 16-inch Water Main with new 16-inch R.M.J. Long Sleeve	\$ 1,187	\$ 2,373
73	801.XVI.4	2	EA	Remove and Replace Sewer Lateral Piping	\$ 990	\$ 1,979
BID ITEM No. 4 SUB-TOTAL					\$	\$ 593,692

Bid Item No.	M&P Spec No.	Item Description	Base Bid	Alternate Bid
1		BID ITEM No. 1 - WELLHEAD No. 3 AND 12-INCH RAW WATER MAIN	\$ 827,160	\$ 827,160
2		BID ITEM No. 2 - BASE BID AMELIA CONCOURSE OPEN-CUT CROSSING (DWG. 05-Y-004BB)	\$ 175,529	
3		BID ITEM No. 3 - ALTERNATE BID AMELIA CONCOURSE HDD CROSSING DESIGN-BUILD (DWG. 05-Y-004AB)		\$ 140,452
4		BID ITEM No. 4 - 24-INCH FINISHED WATER MAIN	\$ 593,692	\$ 593,692
BID CONSTRUCTION SUB-TOTAL			\$ 1,596,382	\$ 1,561,305

Bid Item No.	M&P Spec No.	Item Description	Base Bid	Alternate Bid
	5.10*	GENERAL/SPECIAL CONDITIONS (MAX. 10% OF BID CONSTRUCTION SUB-TOTAL)	\$ 46,248	\$ -
GENERAL/SPECIAL CONDITIONS SUB-TOTAL			\$ 46,248	\$ -

Bid Item No.	M&P Spec No.	Item Description	Base Bid	Alternate Bid
	5.8*	NASSAU COUNTY CEI INSPECTIONS SERVICES ALLOWANCE	\$ 52,000	\$ 46,000
	2.16.1*	TESTING ALLOWANCE	\$ 10,000	\$ 10,000
	2.17.1*	SUPPLEMENTAL WORK ALLOWANCE	\$ 100,000	\$ 100,000
ALLOWANCES SUB-TOTAL			\$ 162,000	\$ 156,000

TOTAL BASE BID AMOUNT (BASIS OF AWARD)
ENTER THIS VALUE ON APPENDIX B - BID FORM, PAGE 1

\$ 1,804,630	
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TOTAL ALTERNATE BID AMOUNT

	\$ 1,717,305
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* Reference found in the Solicitation

JEA Nassau Regional WTP Wellhead No. 3 and Water Main Improvements

The scope of this project includes the construction of a 12 inch wellhead discharge piping including a turbine pump (approx. 75 hp), flow meter, pressure sensors and other monitoring and control elements; new PPL electric service; 2,500 LF of 12 inch ductile iron pipe (DIP); 1,400 LF of 24 inch DIP; 400 LF of 12 inch HDPE Horizontal Directional Drill (HDD) pipe; valves and fittings; and other system improvements.

Budget Milestones	Date	Engineering Budget	Construction Budget	*JEA Indirect Costs	Total Project Cost	Engineering Schedule	Construction Schedule	Major Change/Issue
Planning	April 2017	\$475,000.00	\$1,938,300.00	\$322,000.00	\$2,735,300.00	December 2017	August 2018	N/A
Engineering Bid	August 2017	\$528,212.00	\$1,938,300.00	\$322,000.00	\$2,788,512.00	April 2019	March 2020	Execution of Engineering Contract
100% Design	April 2019	\$673,553.00	\$1,938,300.00	\$184,197.00	\$2,796,050.00	April 2019	March 2021	Engineering scope change to add 24-inch plant effluent main. No real Estate cost involved, so JEA indirect cost is less.
Construction Bid (this award)	July 2019	\$673,553.00	\$1,804,630.00	\$184,197.00	\$2,662,380.00	April 2019	March 2021	Pending award to Williams Industrial Services, LLC
Estimate at Completion	March 2021	\$673,553.00	\$1,804,630.00	\$184,197.00	\$2,662,380.00	April 2019	March 2021	N/A

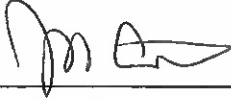
*Typical project indirect costs include:

- a. Project Management (PEC or contract Project Manager labor)
- b. Services During Construction (PEC or contract inspection labor)
- c. Project Support (JEA labor charges from supporting groups such as Operations, Environmental, etc.)
- d. Land & Rights (real estate labor and purchases)

LIST OF JSEB SUBCONTRACTORS

The following JSEB Subcontractors will be utilized in fulfilling the terms and conditions of a Project Authorization arising from award of JEA - _____. I (We) the undersigned understand that failure to submit said information will result in bid rejection. I (We) will employ the JSEB Subcontractors specified below: (Use additional sheets as necessary)

Class of Work (Category)	*Name of JSEB Contractor (Indicate below)	Percentage of Total Job or Dollar Amount
WELL DRILLING	COMPLETE SERVICES WELL DRILLING, INC	\$ 7,200

Signed  _____
Company Williams Industrial Services
Address 591 Picketville Rd Jax, FL 3222
Date: 3/26/21

Note: This list shall not be modified subsequent to bid opening without a showing of good cause and the written consent of the JEA.