

JEA AWARDS COMMITTEE

May 07, 2020 MEETING MINUTES

The JEA procurement Awards Committee met on May 07, 2020, via WebEx

WebEx Meeting Number (access code): 474 922 168

WebEx Password: JEAAwardsMeeting.

Members in attendance were Jenny McCollum as Chairperson, Laure Whitmer as Budget Representative, Julie Davis as Office of General Counsel Representative; with Alan McElroy, Joe Orfano, Shawn Eads, Deryle Calhoun, and Gabor Acs as voting Committee Members.

Chair McCollum called the meeting to order at 10:00 a.m., introduced the Awards Committee Members, and confirmed that there was a quorum of the Committee membership present.

Chair McCollum announced that the meeting was being held remotely to slow the spread of the Covid-19 virus and to encourage social distancing and that pursuant to Governor DeSantis' Executive Order 20-69, local governments were allowed to hold public meetings using communications media technology rather than in a physical location. She stated that the JEA Awards Committee meeting was being held by virtual means via WebEx which allows interested persons to view and participate in the meeting remotely. Additionally, Chair McCollum and Shawn Eads reviewed the WebEx meeting instructions and how public comment would be received and taken during the meeting.

Public Comments:

Chair McCollum recognized the public comment speaking period and opened the meeting floor to public comments. No public comments were provided by email, phone or videoconference.

Awards:

Chair McCollum verbally presented the Committee Members the proposed April 23, 2020 minutes contained in the board packet.

MOTION: Shawn Eads made a motion to approve the April 23, 2020 minutes (Award Item 1). The motion was seconded by Deryle Calhoun and approved unanimously by the Awards Committee (5-0).

The Committee Members reviewed and discussed the following Awards Items 2-13:

2. 039-20 - Request approval to rescind the HP portion of the solicitation for FY20 and FY21 equipment and support for one year, and reject all HP Responses received in anticipation of rebidding.

MOTION: Shawn Eads made a motion to approve Award Item 2 as presented in the board packet. The motion was seconded by Deryle Calhoun and approved unanimously by the Awards Committee (5-0).

3. 039-20 - Request approval to award contracts to CDW to Dell Equipment and Support in the not to exceed amount of \$261,815.00, and to Presidio for the Cisco Equipment and Support in the not to exceed amount of \$1,207,540.95, subject to the availability of lawfully appropriated funds.

MOTION: Alan McElroy made a motion to approve Award Item 3 as presented in the board packet. The motion was seconded by Joe Orfano and approved unanimously by the Awards Committee (5-0).

4. 017-20 – Request approval to award a five (5) year contract to DMD Consultants, Inc. for JEA Routine Hydrant Maintenance services in the amount of \$900,000.00, subject to the availability of lawfully appropriated funds.

MOTION: Deryle Calhoun made a motion to approve Award Item 4 as presented in the board packet. The motion was seconded by Alan McElroy and approved unanimously by the Awards Committee (5-0).

5. Request approval to award a contract to Power Plus Cleaning Systems for a NGS N01 CFB HRA Impulse Cleaning System in the amount of \$409,803.00, subject to the availability of lawfully appropriated funds.

MOTION: Alan McElroy made a motion to approve Award Item 5 as presented in the board packet. The motion was seconded by Shawn Eads and approved unanimously by the Awards Committee (5-0).

6. Request approval to award a contract increase to Tom Nehl Truck Company in the amount of \$528,988.00, for a new not-to-exceed amount of \$1,455,653.00, subject to the availability of lawfully appropriated funds.

MOTION: Shawn Eads made a motion to approve Award Item 6 with changes as presented in the board packet. The motion was seconded by Deryle Calhoun and approved unanimously by the Awards Committee (5-0).

7. 015-20 – Request approval to award a three year contract to Aggreko LLC for goods and services for Generator Rentals in the amount of \$2,179,575.54, subject to the availability of lawfully appropriated funds.

MOTION: Alan McElroy made a motion to approve Award Item 7 as presented in the board packet. The motion was seconded by Joe Orfano and approved unanimously by the Awards Committee (5-0).

8. 034-20 – Request approval to award a contract to Callaway Contracting, Inc. for construction services for the Gate Parkway to Burnt Mill Road-Reclaimed Water Main project in the amount of \$2,327,395.00, subject to the availability of lawfully appropriated funds.

MOTION: Deryle Calhoun made a motion to approve Award Item 8 as presented in the board packet. The motion was seconded by Shawn Eads and approved unanimously by the Awards Committee (5-0).

9. Request approval to purchase the property located at 1661 Ribault Scenic Drive from Damon Woolbright, to construct a lift station to support the Beverly Hills East Septic Tank Phase Out project in the amount of \$142,000.00, subject to the availability of lawfully appropriated funds.

MOTION: Alan McElroy made a motion to approve Award Item 9 with changes as presented in the board packet. The motion was seconded by Deryle Calhoun and approved unanimously by the Awards Committee (5-0).

10. 029-20 – Request approval to award a contract to Insituform Technologies for construction services for the Cured-In-Place Pipe (CIPP) Nicholson Rd: Olive St to Utah Ave Pump Station project in the amount of \$1,746,469.50, subject to the availability of lawfully appropriated funds.

MOTION: Joe Orfano made a motion to approve Award Item 10 as presented in the board packet. The motion was seconded by Alan McElroy and approved unanimously by the Awards Committee (5-0).

11. 028-20 – Request approval to award a contract to Williams Industrial Services LLC for Kennedy Generating Station Fire Loop Replacement in the amount of \$1,197,886.00, subject to the availability of lawfully appropriated funds.

MOTION: Deryle Calhoun made a motion to approve Award Item 11 as presented in the board packet. The motion was seconded by Shawn Eads and approved unanimously by the Awards Committee (5-0).

12. 027-20 – Request approval to award a contract to C&C Powerline for Construction Services Phase II, Circuit 909 GEC to Batram Substation in the amount of \$5,093,177.02, subject to the availability of lawfully appropriated funds

MOTION: Shawn Eads made a motion to approve Award Item 12 as presented in the board packet. The motion was seconded by Deryle Calhoun and approved unanimously by the Awards Committee (5-0).

13. Request approval to award a contract to ABB for N01, N02, N03 Control System Server Replacement and Software Upgrade in the amount of \$755,100.00, subject to the availability of lawfully appropriated funds.

MOTION: Deryle Calhoun made a motion to approve Award Item 13 as presented in the board packet. The motion was seconded by Gabor Acs and approved unanimously by the Awards Committee (5-0).

Informational Item:

1. JEA is engaging the University of Arizona on an emergency basis for analyzing samples of wastewater as a means of surveilling infection level trends of COVID-19 in the community. Samples will be analyzed from JEA's Southwest Water Reclamation Facility.

Ratifications:

No ratifications were presented to the Awards Committee for consideration.

Public Comments:

No additional public comment speaking period was taken.

Adjournment:

Chair McCollum adjourned the meeting at 11:17 a.m.

NOTE: These minutes provide a brief summary only of the Awards Committee meeting. For additional detail regarding the content of these minutes or discussions during the meeting, please review the meeting recording. The recording of this meeting as well as other relevant documents can be found at the link below: https://www.jea.com/About/Procurement/Awards_Meeting_Agendas_and_Minutes/

AWARDS COMMITTEE AGENDA

DATE: Thursday, May 07, 2020

TIME: 10:00 A.M.

PLACE: WebEx/Teleconference
WebEx Meeting Number (access code): 474 922 168
WebEx Password: JEAAwardsMeeting

Public Comments:

Awards:

1. Approval of the minutes from the last meeting (04/23/2020).
2. 039-20 - Request approval to rescind the HP portion of the solicitation for FY20 and FY21 equipment and support for one year, and reject all HP Responses received in anticipation of rebidding.
3. 039-20 - Request approval to award contracts to CDW to Dell Equipment and Support in the not to exceed amount of \$261,815.00, and to Presidio for the Cisco Equipment and Support in the not to exceed amount of \$1,207,540.95, subject to the availability of lawfully appropriated funds.
4. 017-20 – Request approval to award a five (5) year contract to DMD Consultants, Inc. for JEA Routine Hydrant Maintenance services in the amount of \$900,000.00, subject to the availability of lawfully appropriated funds.
5. Request approval to award a contract to Power Plus Cleaning Systems for a NGS N01 CFB HRA Impulse Cleaning System in the amount of \$409,803.00, subject to the availability of lawfully appropriated funds.
6. Request approval to award a contract increase to Tom Nehl Truck Company in the amount of \$528,988.00, for a new not-to-exceed amount of \$1,455,653.00, subject to the availability of lawfully appropriated funds.
7. 015-20 – Request approval to award a three year contract to Aggreko LLC for goods and services for Generator Rentals in the amount of \$2,179,575.54, subject to the availability of lawfully appropriated funds.
8. 034-20 – Request approval to award a contract to Callaway Contracting, Inc. for construction services for the Gate Parkway to Burnt Mill Road-Reclaimed Water Main project in the amount of \$2,327,395.00, subject to the availability of lawfully appropriated funds.
9. Request approval to purchase the property located at 1661 Ribault Scenic Drive from Damon Woolbright, to construct a lift station to support the Beverly Hills East Septic Tank Phase Out project in the amount of \$142,000.00, subject to the availability of lawfully appropriated funds.

10. 029-20 – Request approval to award a contract to Insituform Technologies for construction services for the Cured-In-Place Pipe (CIPP) Nicholson Rd: Olive St to Utah Ave Pump Station project in the amount of \$1,746,469.50, subject to the availability of lawfully appropriated funds.
11. 028-20 – Request approval to award a contract to Williams Industrial Services LLC for Kennedy Generating Station Fire Loop Replacement in the amount of \$1,197,886.00, subject to the availability of lawfully appropriated funds.
12. 027-20 – Request approval to award a contract to C&C Powerline for Construction Services Phase II, Circuit 909 GEC to Batram Substation in the amount of \$5,093,177.02, subject to the availability of lawfully appropriated funds.
13. Request approval to award a contract to ABB for N01, N02, N03 Control System Server Replacement and Software Upgrade in the amount of \$755,100.00, subject to the availability of lawfully appropriated funds.

Informational Item:

1. JEA is engaging the University of Arizona on an emergency basis for analyzing samples of wastewater as a means of surveilling infection level trends of COVID-19 in the community. Samples will be analyzed from JEA’s Southwest Water Reclamation Facility.

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.

05-07-2020 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 04/23/2020 meeting.
2	Rescind	Eads	N/A	N/A	N/A	One (1) Year w/Two (2) – 1 Yr. Renewals	<u>FY20 and FY21 HP Equipment and Support for Small Purchases, 1 Year Term Contract</u> <ul style="list-style-type: none"> Rescind with plans to rebid
3	Invitation To Negotiate (ITN) 4 Respondents	Eads	\$350,000.00 (Dell) \$1,200,000.00 (CISCO)	\$261,815.00 \$1,207,540.95	CDW Presidio Network Solutions LLC	One (1) year w/ Two One (1) Year Renewals	<u>FY20 and FY21 Dell, HP, and Cisco Equipment and Support Purchases, 1 Year Term Contract (Capital and O&M)</u> The contract spend details are below: <ul style="list-style-type: none"> FY20 (Dell): \$150,000.00 FY21 (Dell): \$111,815.00 NTE (Dell): \$261,815.00 FY20 (Cisco): \$402,513.65 FY21 (Cisco): \$805,027.30 NTE (Cisco): \$1,207,540.95
4	Invitation To Negotiate (ITN) 4 Respondents	Calhoun	\$900,000.00	\$900,000.00	DMD Consultants, Inc.	5 Years with Two (2) one (1) year renewals	<u>JEA Routine Hydrant Maintenance</u> The contract details are below: * Budget Estimate:\$900,000.00 * NTE Amount: \$900,000.00
5	Sole Source	Anders	\$409,803.00	\$409,803.00	Powerplus Cleaning Systems	Project Completion	<u>N01 CFB HRA Impulse Cleaning System</u> Detonation cleaning system to improve heat transfer in HRA FY20 - \$409,803.00
6	Contract Increase	McCarthy	\$528,988.00	\$528,988.00	Tom Nehl Truck Company	One (1) Year w/ One (1) Year Renewal	<u>JEA FY20 Heavy Duty Dump Truck Vehicle Procurement Acquisition</u> <ul style="list-style-type: none"> The contract spend details are below: Original Award: \$262,930.00 Contract Renewal FY20 (Capital): \$663,735.00 Contract Increase FY20 (Capital): \$528,988.00 NTE: \$1,455,653.00
7	Invitation To Negotiate (ITN) 4 Respondents	Calhoun	\$2,641,299.00	\$2,179,575.54	Aggreko LLC	Three (3) Years w/Two (2) – 1 Yr. Renewals	<u>Generator Rental Agreement</u> The contract spend details are below: <ul style="list-style-type: none"> FY20: \$484,350.12 FY21: \$726,525.18 FY22: \$726,525.18 FY23: \$242,175.06
8	Invitation For Bid (IFB) 10 Respondents	Calhoun	\$3,523,847.00	\$2,327,395.00	Callaway Contracting, Inc.	Project Completion	<u>Gate Parkway to Burnt Mill Road-Reclaimed Water Main</u> The project details are below: <ul style="list-style-type: none"> Project Budget at time of Bid (100% Design): \$3,910,056.00 <ul style="list-style-type: none"> Engineering Budget (Firm: J Collins Engineering Associates, CPA 154587): \$193,540.00 Construction Budget: \$3,523,847.00 Internal JEA Costs: \$192,669.00 Estimate at Completion: \$2,900,906.00 <ul style="list-style-type: none"> Engineering Budget: \$193,540.00 Construction Budget: \$2,327,395.00 (This Award) Internal JEA Costs: \$379,971.00

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							<ul style="list-style-type: none"> • Original Project Schedule: <ul style="list-style-type: none"> ○ Engineering Completion: December 2019 ○ Construction Completion: February 2021 • Revised Schedule: <ul style="list-style-type: none"> ○ Engineering Completion: November 2019 ○ Construction Completion: June 2021
9	Miscellaneous	McInall	N/A	\$142,000.00	Damon Woolbright	Project Completion	<p><u>Beverly Hills East Septic Tank Phase Out Land Acquisition</u></p> <p>The real estate purchase details are listed below:</p> <ul style="list-style-type: none"> • Award Amount: \$142,000.00
10	Invitation For Bid (IFB) 5 Respondents	Calhoun	\$2,536,400.00	\$1,746,469.50	Insituform Technologies LLC	Project Completion	<p><u>Cured-In-Place Pipe (CIPP) Nicholson Rd: Olive St to Utah Ave Pump Station</u></p> <p>The project details are below:</p> <ul style="list-style-type: none"> • Planning Project Budget: \$3,005,634.00 <ul style="list-style-type: none"> ○ Engineering Budget: \$380,460.00 ○ Construction Budget: \$2,540,850.00 ○ Internal JEA Costs: \$84,324.00 • Revised Project Budget: \$2,495,000.00 <ul style="list-style-type: none"> ○ Engineering Budget (Engineering Firm: Arcadis, CPA 152347): \$380,460.00 ○ Construction Budget: \$1,746,469.50 ○ Internal JEA Costs: \$368,070.50 • Original Project Schedule: <ul style="list-style-type: none"> ○ Engineering Completion: January 2020 ○ Construction Completion: 2021 • Revised Schedule: <ul style="list-style-type: none"> ○ Engineering Completion: January 2020 ○ Construction Completion: February 2021
11	Invitation For Bid (IFB) 3 Respondents	Anders	\$700,000.00	\$1,197,886.00	Williams Industrial Services LLC	Project Completion	<p><u>Kennedy Generating Station Fire Loop Replacement</u></p> <p>The existing underground fire loop will be replaced by an above ground fire loop.</p> <p>FY20 – \$663,895.00 FY21 – \$533,991.00</p>
12	Invitation For Bid (IFB) 5 Respondents	Anders	\$4,578,000.00	\$5,093,177.02	C & C PowerLine Inc	Project Completion	<p><u>Construction Services Phase II, Circuit 909 GEC to Bartram Substation</u></p> <p>Construction of a new Circuit from GEC to Bartram.</p> <p>FY20 – \$3,367,421.56 FY21 – \$1,725,755.46</p>
13	Standard	Anders	\$755,100.00	\$755,100.00	ABB Inc.	Project Completion	<p><u>N01, N02, N03 Control System Server Replacement and Software Upgrade</u></p> <p>The purchase and installation of a large number of upgraded Distributed Control System (DCS) equipment (dell) servers, work stations and software (ABB) for the Northside Generating Station Units 1, 2 and 3 in three planned outages.</p>

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							FY20 – \$410,685.00 FY21 – \$344,415.00
Total Award				\$16,749,750.01			



Formal Bid and Award System

Award #2

May 07, 2020

Type of Award Request: RESCIND (ITN - STANDARD)
Request #: 6756
Requestor Name: Williams, Clint J. - Manager Technical Services
Requestor Phone: (904) 665-6028
Project Title: FY20 and FY21 HP Equipment and One (1) Year Support Contract
Project Number: N/A
Project Location: JEA
Funds: O&M
Award Estimate: N/A
Scope of Work:

The purpose of this Invitation to Negotiate (the "ITN") is to evaluate and select a vendor(s) for FY20 and FY21 Dell, HP, and Cisco equipment and support purchases which JEA estimates to purchase during a twelve month period. This request is to leverage contract spend for a minimum of one year to get fixed pricing on high use items, a percentage discount on unexpected items, and reduce the number of small informal spot buys and transactions. The ITN included all three (3) types of JEA standard equipment Dell, HP, and Cisco to allow the opportunity for one (1) reseller to provide all equipment at the best value to JEA and the list of resellers is the same. This request is to rescind only the HP part of the ITN with the Dell and Cisco equipment being awarded separately.

This project will positively affect JEA Measures of Value:

- Financial Value: JEA will combine all volume equipment and support of estimated small purchases for one (1) to ensure the most competitive pricing and reduce spot buys and transactional work time.

IFB/RFP/State/City/GSA#: 039-20
Purchasing Agent: Garland, Brooke
Is this a Ratification?: NO
JSEB Requirement: N/A

HP BIDDERS:

Vendor Name	Amount
CDW	N/A
ZONES	N/A
PRESIDIO	N/A
NETSYNC	N/A

Background/Recommendations:

Advertised 03/23/2020. At Response opening on 04/07/2020, JEA received four (4) HP reseller Responses. HP servers, and server related equipment, are a JEA Standard. The Responses were evaluated based upon price only. Three (3) of the four (4) Respondents were shortlisted and requested to submit a Best and Final Offer (BAFO). Following the BAFO it was determined three (3) important items on the


HP equipment list, approximately 25% of the total bid value, were obsolete which caused the forth Respondent to not be shortlisted and invited to submit a BAFO. The three respondents submitted based on assumptions on the substitutions and were therefore not submitting apples to apples. JEA works with HP directly prior to every solicitation to try to ensure accuracy of the equipment list, but these three items were missed.

This request is to rescind and make changes to the HP equipment item list pricing workbook to ensure all obsolete items are replaced and all Respondents are bidding on the same items. All pricing submitted will be held confidential until such time as JEA provides notice of an intended decision concerning the reissued competitive solicitation or until JEA withdraws the reissued competitive solicitation.

039-20 - Request approval to rescind the HP portion of the solicitation for FY20 and FY21 equipment and support for one year, and reject all HP Responses received in anticipation of rebidding.

Manager: Williams, Clint J. - Manager Technical Services
Director: Datz, Stephen H. - Dir IT Infrastructure & Compliance Assurance
VP: Eads, Shawn W. - VP & Chief Information Officer

APPROVALS:

 _____ 05/07/2020

Chairman, Awards Committee **Date**

Budget Representative **Date**

Certification of Standard, Proprietary or Original Equipment Manufacturer Item

For Purchase Requisition No. ITN039-20

3-112 Procurement of Standard, Proprietary and Original Equipment Manufacturer Items.

A contract may be awarded for Supplies or Services with limited or no competition when the Supplies or Services:

- (a) have been selected as a JEA standard in the course of a standards program or through the action of a standards committee (standard); or
- (b) must be a certain type, brand, make or manufacture (proprietary); or
- (c) must be obtained from the original equipment manufacturer , manufacturer's representative or a distributor authorized by the original equipment manufacturer because of the criticality of the item or compatibility within the JEA system (original equipment manufacturer).

Category

The procurement item is (check the appropriate description):

Standard Proprietary Original Equipment Manufacturer

Certification

I the undersigned certify that the specific supplies, services or construction described in the above referenced purchase requisition are the only such supplies, services or construction that will fulfill the intended need for the following reasons:

HPE 3PAR for data storage arrays, HPE StoreOnce for data backup storage, HPE DL/BL series physical rack servers and HPE Simplivity for hyper-converged systems are the JEA standard for these types of infrastructure.

/s/ Clint J. Williams

Signature of appointed employee initiating the purchase request

5/6/2020

Date

***This Certification shall be attached the purchase requisition when routed for approval.
Approval of the purchase requisition shall constitute affirmation of this Certification.***



Formal Bid and Award System

Award #3 May 7, 2020

Type of Award Request: INVITATION TO NEGOTIATE (STANDARD)
Request #: 6756
Requestor Name: Anderson, Bonnie J. (Dell)Williams, Clint J. - Manager Technical Services (Cisco)
Requestor Phone: (904)665-7761, (904) 665-6028
Project Title: FY20 and FY21 Dell and Cisco Equipment and Support Purchases with 1 Year Support Contract
Project Number: 8006028, 30903
Project Location: JEA
Funds: CAPTIAL AND O&M
Award Estimate: \$350,000.00 (Dell), \$1,200,000.00 (CISCO)

Scope of Work:

The purpose of this Invitation to Negotiate (the "ITN") is to evaluate and select a vendor(s) for FY20 and FY21 Dell, HP, and Cisco equipment and support purchases which JEA estimates to purchase during a twelve month period. This request is to leverage contract spend for a minimum of one year to get fixed pricing on high use items, a percentage discount on unexpected items, and reduce the number of small informal spot buys and transactions. The ITN included all three (3) types of JEA standard equipment Dell, HP, and Cisco to allow the opportunity for one (1) reseller to provide all equipment at the best value to JEA and the list of resellers is the same. This award only includes Dell and Cisco, due to the HP part of the ITN being rescinded in a separate award due to the late discovery of obsolete items and will be rebid.

The specific JEA standard laptop related equipment will include Dell 7400 2-in-1, 7200 2-in-1 tablets with accessories, WD19TB and WD19 docks, active pens and auto/air adapters. Also JEA standard network related equipment will include Cisco Catalyst 9300 and Catalyst 9400, and IE4000 switches, and Aironet 1852I wireless access points. The JEA standard documents are attached as backup.

This award will positively affect the following JEA Measures of Value:

- Financial Value: Reduce long term operating expenses through replacing older, more inefficient and unreliable equipment.

IFB/RFP/State/City/GSA#: 039-20
Purchasing Agent: Garland, Brooke
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
CDW (DELL)	John Vrablik	75 Remittance DR STE 1515, Chicago, IL 60675-1515	(877) 466-6333	\$261,815.00
PRESIDIO NETWORK SOLUTIONS LLC (CISCO)	John Behee	8647 Baypine Road Building 1 Suite 100 , Jacksonville, FL 32256	(904) 638-5610	\$1,207,540.95

Amount for entire term of Contract/PO: \$261,815.00 (Dell), \$1,207,540.95 (Cisco)
Award Amount for remainder of this FY: \$150,000.00 (Dell), \$402,513.65 (Cisco)
Length of Contract/PO Term: One (1) year w/ Two One (1) Year Renewals
Begin Date (mm/dd/yyyy): 05/08/2020
End Date (mm/dd/yyyy): 05/07/2021
Renewal Options: One (1) year w/ Two One (1) Year Renewals
JSEB Requirement: N/A

BIDDERS:
Dell Part:

Vendor Name	Original Amount	Original Rank	BAFO Amount	BAFO Rank
CDW	\$261,815.00	1	\$261,815.00	1
ZONES	\$356,369.00	2	\$355,771.00	2
PRESIDIO	\$367,818.00	3	\$367,818.00	3
NETSYNC	\$385,080.00	4	N/A	N/A

Cisco Part:

Vendor Name	Original Amount	Original Rank	BAFO Amount	BAFO Rank
PRESIDIO	\$1,217,969.35	1	\$1,207,540.95	1
CDW	\$1,286,436.65	2	\$1,286,436.65	2
ZONES	\$1,557,839.60	3	\$1,557,839.60	3
NETSYNC	\$2,238,822.00	4	N/A	N/A

Background/Recommendations:

Advertised 03/23/2020. At Response opening on 04/07/2020, JEA received four (4) Responses for both Dell and Cisco and in both cases three (3) respondents CDW, Presidio, and Zones were shortlisted and invited to submit a Best and Final Offer (BAFO). The Responses were evaluated based upon price only, per type of equipment and evaluated as a potential combined opportunity. JEA determined awarding Dell to CDW and Cisco to Presidio separately provided the best value to JEA. A copy of the CDW/Dell and Presidio/Cisco Response Forms and Response Workbooks are attached as backup.

The CDW Dell BAFO response did not include a reduction from the original response. CDW is offering a 10-24% discount off list price on the Dell equipment and support including any additional related equipment not specifically listed in the workbook. The Presidio Cisco BAFO response did include a reduction cost savings of \$10,428.40 from the original response. Presidio is offering a 20-61% discount off list price on the Cisco equipment including any additional related equipment not specifically listed in the workbook. The comparable item pricing for both Dell and Cisco is similar to previous recent pricing for smaller spot buys.

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: N/A

* Total sourcing savings: \$10,428.40

039-20 - Request approval to award contracts to CDW to Dell Equipment and Support in the not to exceed amount of \$261,815.00, and to Presidio for the Cisco Equipment and Support in the not to exceed amount of \$1,207,540.95, subject to the availability of lawfully appropriated funds.

Manager: Quarterman, Diane - Mgr Operations & Help Desk Support and
Williams, Clint J. - Manager Technical Services

Director: Datz, Stephen H. - Dir IT Infrastructure & Compliance Assurance

VP: Eads, Shawn W. - VP & Chief Information Officer

APPROVALS:

 _____ 05/07/2020

Chairman, Awards Committee **Date**

 _____ 5/7/2020

Budget Representative **Date**

**039-20 APPENDIX A – RESPONSE FORM BAFO
FY20 and FY21 Dell, HP, and Cisco Equipment Purchases, 1 Year term Contract**

The Respondent shall submit all documents via email to: Brooke Garland at: garljb@jea.com.

Company Name: _____ CDW _____

Company's Address _____ 120 S Riverside, Chicago IL 60606 _____

Phone Number: 877-466-6333 _____ FAX No: 312-705-9084 _____ Email Address: johnvra@cdwg.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
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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
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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 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	
--	--

Item No.	ENTER YOUR BID FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES FY20 and FY21 Dell, HP, and Cisco Equipment Purchases, 1 Year term Contract	TOTAL BID PRICE
1	FY20 and FY21 Dell Equipment Purchases, 1 Year term Contract (Transfer from Appendix A - Response Workbook Dell Equipment BAFO)	\$261,815.00
2	FY20 and FY21 HP Equipment Purchases, 1 Year term Contract (Transfer from Appendix A - Response Workbook HP Equipment BAFO)	
3	FY20 and FY21 Cisco Equipment Purchases, 1 Year term Contract (Transfer from Appendix A - Response Workbook Cisco Equipment BAFO)	\$1,286,436.65
	TOTAL BID PRICE (All Dell, HP and Cisco Equipment BAFO)	\$1,548,251.65

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 _____ John Vrablik _____ 04/18/2020 _____

Handwritten Signature of Authorized Officer of Company or Agent

Date

_____ through _____

John Vrablik, Executive Account Manager _____

Printed Name and Title

**039-20 APPENDIX A – RESPONSE FORM BAFO
FY20 and FY21 Dell, HP, and Cisco Equipment Purchases, 1 Year term Contract**

ITN #039-20 FY20 and FY21 Dell, HP, and Cisco Equipment Purchases, 1 Year term Contract

Appendix A - Response Workbook (Dell) BAFO

Bidder shall submit pricing that includes inside shipping to: JEA: 21 West Church Street, Jacksonville, FL 32202 for all items seen below to: garljb@jea.com. Pricing submitted below shall include any other associated costs. No additional fees shall apply.				CDW		
Item Number	Part Number	Item Description	Quantity	Discount% of Dell Retail/List Price	Unit Price	SubTotal
1	210-ARIK	Dell Thunderbolt Dock- WD19TB	100		\$ 227.00	\$ 22,700.00
1.1	824-3984	Advanced Exchange Service, 3 Years				\$ -
1.2	824-3993	Dell Limited Hardware Warranty				\$ -
						\$ -
2		Latitude 7400 2-in-1	100		\$ 1,525.84	\$ 152,584.00
2.1	210-ASQF	Dell Latitude 7400 2-in-1 XCTO				\$ -
2.2	379-BDKM	8th Generation Intel(R) Core(TM) i5-8365U Processor (4 Core,6MB Cache,1.6GHz,15W, vPro-Capable)				\$ -
2.3	619-AHKN	Win 10 Pro 64 English, French, Spanish				\$ -
2.4	340-CKSZ	No AutoPilot				\$ -
2.5	658-BCSB	Microsoft(R) Office 30 Days Trial				\$ -
2.6	338-BQUK	i5-8365U vPro, Thunderbolt, 16G memory				\$ -
2.7	338-BQUM	ODM Assembly Base				\$ -
2.8	631-ABYN	No Out-of-Band Systems Management				\$ -
2.9	631-ABYQ	Intel Sensor Solution				\$ -
2.1	370-AESY	16GB LPDDR3 2133MHz				\$ -
2.10	400-BDKQ	M.2 512GB PCIe NVMe Class 40 Solid State Drive				\$ -
2.11	575-BBXQ	PCIe SSD Bracket				\$ -
2.12	401-AAGM	No Additional Hard Drive				\$ -
2.13	658-BEDL	Control Vault 3, vpro				\$ -
2.14	391-BECK	14" FHD (1920x 1080) Touch Anti-Reflective & Anti-Smudge, IR Camera & Proximity-Sensor & Mic, SLP Narrow Bezel				\$ -
2.15	391-BEKB	Proximity Sensor Application vPro				\$ -
2.16	580-AHTT	US English Keyboard with Backlight				\$ -
2.17	570-AADK	No Mouse				\$ -
2.18	555-BESO	Intel(R) 9560AC Wireless Driver with Bluetooth				\$ -
2.19	555-BESD	Intel Dual Band Wireless AC 9560 (802.11ac) 2x2				\$ -
2.20	556-BBCD	No Mobile Broadband Card				\$ -

ITN #039-20 FY20 and FY21 Dell, HP, and Cisco Equipment Purchases, 1 Year term Contract

Appendix A - Response Workbook (Dell) BAFO

Bidder shall submit pricing that includes inside shipping to: JEA: 21 West Church Street, Jacksonville, FL 32202 for all items seen below to: garljb@jea.com. Pricing submitted below shall include any other associated costs. No additional fees shall apply.			CDW			
Item Number	Part Number	Item Description	Quantity	Discount% of Dell Retail/List Price	Unit Price	SubTotal
2.21	575-BBYC	No Mobile Broadband Card				\$ -
2.22	451-BCID	6 Cell 78 Whr ExpressCharge Capable				\$ -
2.23	492-BCOR	65W E5 Type-C Power Adapter				\$ -
2.24	346-BEXE	Palmrest, no security, Thunderbolt 3, 78Whr Battery				\$ -
2.25	817-BBBB	No FGA				\$ -
2.26	620-AAOH	No Media				\$ -
2.27	800-BBQK	BTO Standard Shipment (VS)				\$ -
2.28	389-BEYY	Regulatory Label included				\$ -
2.29	340-AAPP	Direct ship Info Mod				\$ -
2.30	340-CLIX	Shuttle Box				\$ -
2.31	340-CLJB	Shuttle Box				\$ -
2.32	340-CLJJ	Min config box				\$ -
2.33	340-CLRF	Mix Model Packaging DAO				\$ -
2.34	387-BBNM	ENERGY STAR Qualified				\$ -
2.35	340-CLGX	Quick Reference Guide				\$ -
2.36	340-ACQQ	No Option Included				\$ -
2.37	332-1286	US Order				\$ -
2.38	430-XXYG	No Resource DVD / USB				\$ -
2.39	389-BCGW	No UPC Label				\$ -
2.40	340-AGIK	Safety/Environment and Regulatory Guide (English/French Multi-language)				\$ -
2.41	389-DPGO	FCC Label				\$ -
2.42	658-BCUV	Dell Developed Recovery Environment				\$ -
2.43	658-BEER	Additional Software VPro				\$ -
2.44	450-AAEJ	US Power Cord				\$ -
2.45	354-BBBE	Bottom Cover				\$ -
2.46	452-BBSE	No Docking Station				\$ -

ITN #039-20 FY20 and FY21 Dell, HP, and Cisco Equipment Purchases, 1 Year term Contract
Appendix A - Response Workbook (Dell) BAFO

Bidder shall submit pricing that includes inside shipping to: JEA: 21 West Church Street, Jacksonville, FL 32202 for all items seen below to: garljb@jea.com. Pricing submitted below shall include any other associated costs. No additional fees shall apply.			CDW			
Item Number	Part Number	Item Description	Quantity	Discount% of Dell Retail/List Price	Unit Price	SubTotal
2.47	650-AAAM	No Anti-Virus Software				\$ -
2.48	389-CGBB	Intel(R) Core(TM) i5 Processor Label				\$ -
2.49	807-7362	Dell Limited Hardware Warranty Plus Service				\$ -
2.50	807-7429	ProSupport Plus: Accidental Damage Service, 3 Years				\$ -
2.51	807-7430	ProSupport Plus: Next Business Day Onsite, 3 Years				\$ -
2.52	807-7431	ProSupport Plus: Keep Your Hard Drive, 3 Years				\$ -
2.53	807-7432	ProSupport Plus: 7x24 Technical Support, 3 Years				\$ -
2.54	997-8367	Thank you for choosing Dell ProSupport Plus. For tech support, visit www.dell.com/contactdell or call 1-866-516-3115				\$ -
						\$ -
3	750-AATY	Dell Active Pen - PN557W	150		\$ 42.00	\$ 6,300.00
						\$ -
4		Dell Latitude 7200 2-in-1	50		\$ 1,235.97	\$ 61,798.50
4.1	210-ASRG	Dell Latitude 7200 2-in-1 XCTO				\$ -
4.2	379-BDKM	8th Generation Intel(R) Core(TM) i5-8365U Processor (4 Core,6MB Cache,1.6GHz,15W, vPro-Capable)				\$ -
4.3	619-AHKN	Win 10 Pro 64 English, French, Spanish				\$ -
4.4	340-CKSZ	No AutoPilot				\$ -
4.5	658-BCSB	Microsoft(R) Office 30 Days Trial				\$ -
4.6	421-9984	Dell Data Protection Encryption Personal Digital Delivery				\$ -
4.7	954-3455	Dell ProSupport for Software, Dell Data Protection Encryption Personal, 1 Year				\$ -
4.8	338-BRHX	8th Generation Intel Core i5-8365U and 8GB memory				\$ -
4.9	631-ACCJ	Intel vPro Technology Advanced Management Features				\$ -
4.10	631-ACCT	Intel Sensor Solution				\$ -
4.11	370-AENZ	8GB, onboard, LPDDR3, 2133MHz				\$ -
4.12	400-BCEC	M.2 256GB 2230 PCIe Class 35 Solid State Drive				\$ -
4.13	400-BCEC	12.3" FHD (1920 x 1280) Anti-Glare Anti-Smudge				\$ -

ITN #039-20 FY20 and FY21 Dell, HP, and Cisco Equipment Purchases, 1 Year term Contract

Appendix A - Response Workbook (Dell) BAFO

Bidder shall submit pricing that includes inside shipping to: JEA: 21 West Church Street, Jacksonville, FL 32202 for all items seen below to: garljb@jea.com. Pricing submitted below shall include any other associated costs. No additional fees shall apply.			CDW			
Item Number	Part Number	Item Description	Quantity	Discount% of Dell Retail/List Price	Unit Price	SubTotal
4.14	580-ABIS	No Additional Keyboard				\$ -
4.15	570-AADK	No Mouse				\$ -
4.16	555-BEWD	Intel 9560AC Wireless Driver with Bluetooth				\$ -
4.17	555-BESD	Intel Dual Band Wireless AC 9560 (802.11ac) 2x2				\$ -
4.18	555-BEUS	Qualcomm Snapdragon X20 LTE (DW5821e)				\$ -
4.19	451-BCLQ	2 Cell 38Whr ExpressCharge Capable Battery				\$ -
4.20	492-BBXR	65W E5 Type-C Power Adapter				\$ -
4.21	817-BBBB	No FGA				\$ -
4.22	320-BCZD	Latitude 7200 2-in-1 without FPR/SmartCard/NFC, with uSIM				\$ -
4.23	800-BBQK	BTO Standard Shipment (VS)				\$ -
4.24	387-BBIT	ENERGY STAR Qualified				\$ -
4.25	340-ACQQ	No Option Included				\$ -
4.26	450-AAEJ	US Power Cord				\$ -
4.27	620-AALW	OS-Windows Media Not Included				\$ -
4.28	389-CGNN	Intel Core i5 vPRO Label				\$ -
4.29	452-BBSE	No Docking Station				\$ -
4.3	340-CMMF	Mix Config SHIP Material				\$ -
4.31	340-AGIK	Safety/Environment and Regulatory Guide (English/French Multi-language)				\$ -
4.32	389-BCGW	No UPC Label				\$ -
4.33	430-XXYG	No Resource DVD / USB				\$ -
4.34	389-DQLE	Intel Wireless 9560 Label				\$ -
4.35	340-CLXK	Quick Reference Guide				\$ -
4.36	460-BBEX	No Carrying Case				\$ -
4.37	658-BEHV	Additional Software Windows 10				\$ -
4.38	332-1286	US Order				\$ -
4.39	319-BBFS	RGB Camera				\$ -

ITN #039-20 FY20 and FY21 Dell, HP, and Cisco Equipment Purchases, 1 Year term Contract

Appendix A - Response Workbook (Dell) BAFO

Bidder shall submit pricing that includes inside shipping to: JEA: 21 West Church Street, Jacksonville, FL 32202 for all items seen below to: garljb@jea.com. Pricing submitted below shall include any other associated costs. No additional fees shall apply.			CDW			
Item Number	Part Number	Item Description	Quantity	Discount% of Dell Retail/List Price	Unit Price	SubTotal
4.40	325-BDKU	LCD Bezel				\$ -
4.41	650-AAAM	No Anti-Virus Software				\$ -
4.42	807-7362	Dell Limited Hardware Warranty Plus Service				\$ -
4.43	807-7429	ProSupport Plus: Accidental Damage Service, 3 Years				\$ -
4.44	807-7430	ProSupport Plus: Next Business Day Onsite, 3 Years				\$ -
4.45	807-7431	ProSupport Plus: Keep Your Hard Drive, 3 Years				\$ -
4.46	807-7432	ProSupport Plus: 7x24 Technical Support, 3 Years				\$ -
4.47	997-8367	Thank you for choosing Dell ProSupport Plus. For tech support, visit www.dell.com/contactdell or call 1-866-516-3115				\$ -
						\$ -
5	580-AIBC	Keyboard for the Latitude 7200, US English, Customer Kit	50		\$ 100.00	\$ 5,000.00
						\$ -
6	460-BCRL	Dell Commercial Grade Case for Latitude 7200 2-in-1	50		\$ 42.00	\$ 2,100.00
						\$ -
7	492-BBUN	Dell 65-Watt Auto Air Adapter - USB Type-C	150		\$ 75.55	\$ 11,332.50
						\$ -
		All other Dell Equipment not specifically identified (please provide % discount)				
8		Notebook Discount %		24		
8.1		Hardware Discount %				
8.2		Software Discount %				
8.3		Support/Warranty Discount %				
9		Desktop Discount %		24		
9.1		Hardware Discount %				
9.2		Software Discount %				
9.3		Support/Warranty Discount %				
10		Thin Client Discount %		13		
10.1		Hardware Discount %				

ITN #039-20 FY20 and FY21 Dell, HP, and Cisco Equipment Purchases, 1 Year term Contract

Appendix A - Response Workbook (Dell) BAFO

Bidder shall submit pricing that includes inside shipping to: JEA: 21 West Church Street, Jacksonville, FL 32202 for all items seen below to: garljb@jea.com. Pricing submitted below shall include any other associated costs. No additional fees shall apply.			CDW			
Item Number	Part Number	Item Description	Quantity	Discount% of Dell Retail/List Price	Unit Price	SubTotal
10.2		Software Discount %				
10.3		Support/Warranty Discount %				
11		Accessories Discount %		10		
11.1		Hardware Discount %				
11.2		Software Discount %				
11.3		Support/Warranty Discount %				

TOTAL BID PRICE				\$	261,815.00
(Please transfer this amount to page one (1) of Appendix A - Response Form BAFO)					

**039-20 APPENDIX A – RESPONSE FORM BAFO
FY20 and FY21 Dell, HP, and Cisco Equipment Purchases, 1 Year term Contract**

The Respondent shall submit all documents via email to: Brooke Garland at: garljb@jea.com.

Company Name: Presidio Networked Solutions LLC

Company's Address 8161 Maple Lawn Boulevard #150 Fulton, MD 20759

Phone Number: 904.638.5610 FAX No: 904.638.5611 Email Address: jbehcc@presidio.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 <input type="checkbox"/> 1% 20, net 30 <input type="checkbox"/> 2% 10, net 30 <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> None Offered	
--	--

Item No.	ENTER YOUR BID FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES FY20 and FY21 Dell, HP, and Cisco Equipment Purchases, 1 Year term Contract	TOTAL BID PRICE
1	FY20 and FY21 Dell Equipment Purchases, 1 Year term Contract (Transfer from Appendix A - Response Workbook Dell Equipment BAFO) (Dell) BAFO	\$367,818.00
2	FY20 and FY21 HP Equipment Purchases, 1 Year term Contract (Transfer from Appendix A - Response Workbook HP Equipment BAFO) (HP) BAFO	\$932,349.72
3	FY20 and FY21 Cisco Equipment Purchases, 1 Year term Contract (Transfer from Appendix A - Response Workbook Cisco Equipment BAFO) (Cisco) BAFO	\$1,207,540.95
	TOTAL BID PRICE (All Dell, HP and Cisco Equipment BAFO)	\$2,507,708.67

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

Trina Dennis-Carlson
Trina Dennis-Carlson (Apr 17, 2020)

4/17/2020

Handwritten Signature of Authorized Officer of Company or Agent

Date

One through Four

Trina Dennis-Carlson | Director of Government Contracts

Printed Name and Title

**039-20 APPENDIX A – RESPONSE FORM BAFO
FY20 and FY21 Dell, HP, and Cisco Equipment Purchases, 1 Year term Contract**

ITN #039-20

Appendix A - Response Workbook (Cisco) BAFO

Bidder shall submit pricing that includes inside shipping to: JEA: 21 West Church Street, Jacksonville, FL 32202 for all items seen below to: garljb@jea.com. Pricing submitted below shall include any other associated costs. No additional fees shall apply.						
Item Number	Part Number	Item Description	Quantity	Discount% of Cisco Retail/List Price	Unit Price	SubTotal
1	C9300-48U-A	Catalyst 9300 48-port UPOE, Network Advantage, full Layer 3	60	54.40%	\$ 5,038.80	\$ 302,328.00
2	C9300-NW-A-48	C9300 Network Advantage, 48-port license	60	0.00%	\$ -	\$ -
3	PWR-C1-1100WAC-P	1100W AC 80+ platinum Config 1 Power Supply	60	0.00%	\$ -	\$ -
4	PWR-C1-715WDC	DC Power supply for redundancy, spare	60	54.40%	\$ 684.00	\$ 41,040.00
5	SSD-120G=	Cisco pluggable USB3.0 SSD storage, spare	60	54.40%	\$ 684.00	\$ 41,040.00
6	C9300-DNA-A-48-5Y	C9300 DNA Advantage, 48-Port, 5 Year Term License	60	54.40%	\$ 2,863.68	\$ 171,820.80
7	C9300-NM-4G	Catalyst 9300 4 x 1GE SFP Network Module	60	54.40%	\$ 232.56	\$ 13,953.60
8	CAB-TA-NA=	AC power cord for Cisco Catalyst (North America)	60	0.00%	\$ -	\$ -
9	GLC-LH-SMD=	1000BASE-LX SFP w/DOM for Cisco®	60	54.40%	\$ 467.86	\$ 28,071.60
10	GLC-SX-MMD=	1000BASE-SX SFP w/DOM for Cisco®	60	54.40%	\$ 236.21	\$ 14,172.60
11	IE-4000-4GS8GP4G-E	IE 4000 4 x SFP 1G with 8 x 1G PoE, 4 x 1G Combo, LAN Base	10	54.40%	\$ 3,696.79	\$ 36,967.90
12	IE4000-DNA-A-M-5Y	Cisco DNA Advantage 5 year term license(up to 12 ports)	10	54.40%	\$ 948.48	\$ 9,484.80
13	PWR-IE170W-PC- AC=	170W AC 100-240V/2.3A 50-60Hz	10	54.40%	\$ 860.47	\$ 8,604.70
14	GLC-SX-MM-RGD=	1000BASE-SX MMF	10	54.40%	\$ 259.46	\$ 2,594.60
15	GLC-LX-SM-RGD=	1000BASE-LX/LH, MMF/SMF	10	54.40%	\$ 514.82	\$ 5,148.20
16	C9410R (=)	Cisco Catalyst 9400 Series 10 slot chassis, fan, no ps	5	54.40%	\$ 3,720.96	\$ 18,604.80
17	C9400-DNA-A-5Y	DNA Software Subscription	5	54.40%	\$ 9,767.52	\$ 48,837.60
18	CON-SNT-C9410R	SNTC-8X5XNBD Cisco Catalyst 9400	5	23.00%	\$ 3,725.95	\$ 18,629.75
19	C9400-SUP-1XL	Cisco Catalyst 9400 Series Supervisor 1 Module, full eigrp	5	54.40%	\$ 8,837.28	\$ 44,186.40
20	C9400-LC-48U	Cisco Catalyst 9400 Series 48-Port UPOE 10/100/1000 (RJ-45)	5	54.40%	\$ 4,186.08	\$ 20,930.40
21	C9400-LC-24S	Cisco Catalyst 9400 Series 24-Port Gigabit Ethernet(SFP)	5	54.40%	\$ 6,384.00	\$ 31,920.00
22	C9400-NW-A	Cisco Catalyst 9400 Network Advantage License	5	0.00%	\$ -	\$ -
23	S9400ULPEK9-166	Cisco Catalyst 9400 XE 16.6 Universal	5	0.00%	\$ -	\$ -
24	C9400-PWR-3200AC	Cisco Catalyst 9400 Series 3200W AC Power Supply (Data + PoE)	5	54.40%	\$ 930.24	\$ 4,651.20
25	C9410-RACK-19-KIT=	Cisco Catalyst 9400 Series 10 slot chassis Rack Mount	5	0.00%	\$ -	\$ -
26	CAB-L620P-C19-US	NEMA L6-20 to IEC-C19 14ft US	5	0.00%	\$ -	\$ -

ITN #039-20

Appendix A - Response Workbook (Cisco) BAFO

Bidder shall submit pricing that includes inside shipping to: JEA: 21 West Church Street, Jacksonville, FL 32202 for all items seen below to: garljb@jea.com. Pricing submitted below shall include any other associated costs. No additional fees shall apply.						
Item Number	Part Number	Item Description	Quantity	Discount% of Cisco Retail/List Price	Unit Price	SubTotal
27	AIR-AP1852I-B-K9	Cisco Aironet 1852I - wireless access point Note: JEA is willing to take the above equipment as individual units or in 3x10 packs	100	54.40%	\$ 508.90	\$ 50,890.00
28	C9130AXI-x	Cisco Catalyst 9130 Access Point	200	54.40%	\$ 955.32	\$ 191,064.00
28.1	D-DNAS-EXT-5Y	Cisco Digital Network Architecture Spaces - Term License	200	54.40%	\$ 456.00	\$ 91,200.00
28.2	AIR-DNA-A-5Y	Cisco Digital Network Architecture Advantage - Term License	200	54.40%	\$ 57.00	\$ 11,400.00
		All other Cisco Equipment not specifically identified (please provide % discount)				
29		Switch Discount %				
29.1		Hardware Discount %		49		
29.2		Software Discount %		49		
29.3		Support/Warranty Discount %		20		
30		Server Discount %				
30.1		Hardware Discount %		61		
30.2		Software Discount %		61		
30.3		Support/Warranty Discount %		20		
31		Security Discount %				
31.1		Hardware Discount %		49		
31.2		Software Discount %		49		
31.3		Support/Warranty Discount %		20		
					TOTAL BID PRICE	\$ 1,207,540.95
					(Please transfer this amount to page one (1) of Appendix A - Response Form BAFO)	

Certification of Standard, Proprietary or Original Equipment Manufacturer Item

For Purchase Requisition No. ITN039-20

3-112 Procurement of Standard, Proprietary and Original Equipment Manufacturer Items.

A contract may be awarded for Supplies or Services with limited or no competition when the Supplies or Services:

- (a) have been selected as a JEA standard in the course of a standards program or through the action of a standards committee (standard); or
- (b) must be a certain type, brand, make or manufacture (proprietary); or
- (c) must be obtained from the original equipment manufacturer , manufacturer's representative or a distributor authorized by the original equipment manufacturer because of the criticality of the item or compatibility within the JEA system (original equipment manufacturer).

Category

The procurement item is (check the appropriate description):

 X Standard Proprietary Original Equipment Manufacturer

Certification

I the undersigned certify that the specific supplies, services or construction described in the above referenced purchase requisition are the only such supplies, services or construction that will fulfill the intended need for the following reasons:

All JEA standard network switch, routing and unified computing systems(UCS) are manufactured by Cisco Systems, Inc. The specific model numbers change frequently based on usecase and hardware generation. The current series model numbers are 9300 (small sites/network closets), 9400 (large site chassis switch), IE4000 (industrial switch), 1852I/9130AIX (wireless AP) and 5108/M5(UCS).

/s/ Clint J. Williams

Signature of appointed employee initiating the purchase request

5/4/2020

Date

***This Certification shall be attached the purchase requisition when routed for approval.
Approval of the purchase requisition shall constitute affirmation of this Certification.***

Certification of Standard, Proprietary or Original Equipment Manufacturer Item

For Purchase Requisition No. 461290

3-112 Procurement of Standard, Proprietary and Original Equipment Manufacturer Items.

A contract may be awarded for Supplies or Services with limited or no competition when the Supplies or Services:

- (a) have been selected as a JEA standard in the course of a standards program or through the action of a standards committee (standard); or
- (b) must be a certain type, brand, make or manufacture (proprietary); or
- (c) must be obtained from the original equipment manufacturer , manufacturer's representative or a distributor authorized by the original equipment manufacturer because of the criticality of the item or compatibility within the JEA system (original equipment manufacturer).

Category

The procurement item is (check the appropriate description):

X Standard Proprietary Original Equipment Manufacturer

Certification

I the undersigned certify that the specific supplies, services or construction described in the above referenced purchase requisition are the only such supplies, services or construction that will fulfill the intended need for the following reasons:

Del Latitude 7400 and 7200 are now the standard hardware, as well as the associated accessories, i.e. docking stations, styluses

/s/ Diane Quarterman,

Manager, Operations and Help Desk _____

5/4/20 _____

Signature of appointed employee initiating the purchase request

Date

***This Certification shall be attached the purchase requisition when routed for approval.
Approval of the purchase requisition shall constitute affirmation of this Certification.***



Formal Bid and Award System

Award #4 May 07, 2020

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Request #: 6750
Requestor Name: Spell, Bryan C., Mgr - W/WW Grid Preventative Maintenance
Requestor Phone: (904) 665-4643
Project Title: JEA Routine Hydrant Maintenance
Project Number: Cost Center 30606
Project Location: JEA
Funds: O&M
Budget Estimate: \$900,000.00

Scope of Work:

The purpose of this Invitation to Negotiate (the "ITN") is to evaluate and select a vendor that can provide routine servicing of JEA owned fire hydrants (the "Work" or "Services") and provide the best value to JEA. In this solicitation, "Best Value" means the highest overall value to JEA with regards to pricing.

JEA is contracting the routine servicing of JEA owned fire hydrants within the JEA service territory. The goal is to have a five (5) year contract that will provide a service cycle of once per five (5) years.

JEA IFB/RFP/State/City/GSA#: 017-20
Purchasing Agent: King, David
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	5 Year Amount
DMD CONSULTANTS, INC.	David Durra	dmd@dmdconsultantsinc.net	11020 81 ST Ct. N., West Palm Beach, FL 33412	(561) 441- 7405	\$900,000.00

Amount for entire term of Contract/PO: \$900,000.000
Award Amount for remainder of this FY: \$180,000.00
Length of Contract/PO Term: Five (5) Years w/ Two (2) - One (1) Yr. Renewals
Begin Date (mm/dd/yyyy): 06/01/2020
End Date (mm/dd/yyyy): 05/31/2025
Renewal Options: Two (2) - One (1) Yr. Renewals
JSEB Requirement: N/A
BIDDERS:

Name	First Round (1 year)	First Round (5 year)	BAFO (1 year)	BAFO (5 year)	Rank
DMD CONSULTANTS, INC.	\$153,250.00	\$766,250.00	\$149,200.00	\$746,000.00	1
R & M SERVICE SOLUTIONS, LLC.	\$176,225.00	\$881,125.00	\$175,700.00	\$878,500.00	2
PURE TECHNOLOGIES U.S. dba WACHS WATER SERVICES	\$314,150.00	\$1,570,750.00	N/A	N/A	N/A
IMC FIRE PROTECTION	\$1,262,500.00	\$6,312,500.00	N/A	N/A	N/A

Background/Recommendations:

Advertised on 02/13/2020. Four (4) companies attended the mandatory pre-response meeting held on 02/24/2020. At response opening on 03/26/2020, JEA received four (4) Responses. DMD Consultants, Inc. and R&M Service Solutions, LLC were short-listed and invited to submit Best and Final Offers (BAFOs). JEA evaluated the companies on price only and DMD Consultants Inc. is deemed the lowest responsive and responsible Respondent. A copy of the Response Form and Workbook are attached as backup.

JEA has over 25,000 fire hydrants throughout the JEA service territory and maintenance of hydrants is an important factor in the ISO ratings of local fire departments, which governs home insurance rates for our customers. Historically, JEA crews have performed preventative hydrant maintenance when routine water ticket counts were low and on overtime. This approach made it difficult to ensure all hydrants received periodic routine maintenance at a reasonable cost. Through outsourcing, JEA can predictably complete preventative hydrant maintenance for all hydrants every 5 years with competitive pricing without over taxing JEA crews. The average cost for JEA crews to perform preventative hydrant maintenance (service and painting) is approximately \$50/hydrant compared to \$44/hydrant being offered by DMD Consultants. JEA successfully bid an informal solicitation in 2018 as a pilot outsourced inspection service. The scope of those services was smaller than this formal solicitation and had a limited geographic scope.

This award is for a unit price proposal for services related to fire hydrant inspections and related services, so JEA plans to award the full budgeted amount of \$900,000.00. This allows for any differences in actual work performed and the estimated quantities in the bid form. Additionally, JEA will be able to have additional inspections during the contract period to ensure compliance with the fire hydrant inspection requirements.

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

- Total sourcing savings: \$20,250.00 (BAFO reduction, 5 years)

017-20 – Request approval to award a five (5) year contract to DMD Consultants, Inc. for JEA Routine Hydrant Maintenance services in the amount of \$900,000.00, subject to the availability of lawfully appropriated funds.

Director: Scheel, Jackie B, Dir W/WW Reuse Delivery & Collection
VP: Calhoun, Deryle I Jr, VP/GM Water Wastewater Systems

APPROVALS:

John M. M.

05/07/2020

Chairman, Awards Committee

Date

Laure A Whitmer

5/7/2020

Budget Representative

Date

Addendum 4 Appendix B - Response Form
017-20 JEA Routine Hydrant Maintenance

Submit in an email to kinggd@jea.com.

Company Name: DMD Consultants inc.

Company's Address:

License Number:

Phone Number: 561 441 7405

FAX No:

Email Address:

DMD@DMDCONSULTANTS.NET

BID SECURITY REQUIREMENTS

TERM OF CONTRACT

None required

One Time Purchase

Certified Check or Bond (Five Percent (5%))

Annual Requirements

Other, Specify - 5 years with two (2) one year renewals

Completion

SAMPLE REQUIREMENTS

SECTION 255.05, FLORIDA STATUTES CONTRACT BOND

None required

None required

Samples required prior to Bid Opening
Samples may be required subsequent to

Bond required

Bid Opening

QUANTITIES

INSURANCE REQUIREMENTS

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 required

PAYMENT DISCOUNTS

1% 20, net 30

2% 10, net 30

Other _____

None Offered

ENTER YOUR RESPONSE FOR SOLICITATION 017-20	TOTAL RESPONSE PRICE
Total Response Price for the Project (enter total from cell G7 in the Response Workbook)	\$149,200 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".

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 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.

017-20 JEA Routine Hydrant Maintenance BAFO

PART	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	1	Hydrants Serviced, Painted, and Inspected	2,500	each	44. ⁰⁰	\$0.00
1	2	Hydrant Serviced, Inspected, Not Painted	350	each	30. ⁰⁰	\$0.00
1	3	Hydrant Inspected - found out of service (not serviced or painted)	350	each	10. ⁰⁰	\$0.00
1	4	Abrasive Blasting	350	each	72. ⁰⁰	\$0.00
Total Bid Price						\$0.00

We have received addenda

Handwritten Signature of Authorized Officer of Company or Agent

Date

4/17/20

1 through 4

Printed Name and Title

David Durva

Director



Formal Bid and Award System

Award #5 May 07, 2020

Type of Award Request: SOLE SOURCE
Requestor Name: Tim Meyer – Construction Specialist
Requestor Phone: 904-665-4871
Project Title: N01 CFB HRA Impulse Cleaning System
Project Number: 8006276
Project Location: JEA
Funds: Capital
Budget Estimate: \$409,803.00

Scope of Work:

This request is for the purchase of an impulse cleaning system on the N01 CFB HRA to improve heat transfer which would improve overall unit efficiency.

The Northside Generating Station Circulating Fluidized Bedboilers (CFB's) heat recovery area (HRA) are prone to ash build up, which decreases the thermal efficiency of the HRA, causing the HRA outlet gas temperature to be elevated (35 degrees higher than design). This elevated temperature causes increase limestone consumption in the air quality control system (AQCS), approximately 9%, and an overall unit heat rate degradation for each 1 degree over design at the HRA exit of 2.51 BTU/KWH. This project is designed to bring the HRA exit gas temperature closer to design temperature through by impulse cleaning.

There are several technologies for ash removal which include; detonation (impulse cleaning), soot blowers and acoustic wave. JEA has soot blowers which are maintenance intensive, provide limited coverage and potentially damage tubes. Acoustic wave has been used by JEA with limited success in removing build up. Based on research detonation (impulse cleaning) is the selected technology and demonstrates a quick return on investment (discussed below in justification).

This project will positively affect JEA Measures of Value:

- Customer Value: Plant upgrades, provide right sized system improvements which minimize cost to the customer, while maintaining service levels, increasing overall value of the utility to the customer.
- Environmental Value: Project that increase plant efficiency, causing less use of resources fuel & limestone and lessen the utilities impact on the environment (creation of byproducts).
- Financial Value: Correctly planned & timed upgrades to the plant, make the best use of capital resources, while keeping the plant within design limitations, which provides a better return on investment and creates financial value.

JEA IFB/RFP/State/City/GSA#: N/A
Purchasing Agent: Lovgren, Rodney
Is this a ratification?: NO
If yes, explain: N/A

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
POWERPLUS CLEANING SYSTEMS	Vince Baretto	vince@powerplusscs.com	110 NE WOODBURY STE A&B GRAIN VALLEY, MO 64029	844- 775- 8727	\$409,803.00

Amount for entire term of Contract/PO: \$409,803.00
Award Amount for remainder of this FY: \$409,803.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 04/30/2020
End Date (mm/dd/yyyy): Project Completion (installation complete 12/30/2020)
JSEB Requirement: N/A – Sole Source

Background/Recommendations:

Since 01/01/2017 there have been 85 PWO’s for corrective maintenance on the CFB’s. Many of these individual PWO’s addressed issues with multiple sootblowers and this number does not include routinely scheduled PM’s. The total cost of maintenance of the sootblowers for both CFB’s was over \$280K for that three year time period, of which nearly \$200K was for just N01. Maintaining the existing sootblower systems has been very labor intensive and expensive.

There are two systems available for automated online detonation cleaning. Of those that are available, the impulse system from PowerPlus has the least mechanical equipment and moving parts and is a patented technology making it a sole source purchase. Feedback from other customers indicate satisfaction with the Power Plus system. The PowerPlus system uses ethylene gas and compress air and is a patented design with few moving parts. The other system has a more complex system that requires mixing of natural gas, pure oxygen and pure nitrogen under extremely high pressure, has a higher installation cost, is more complex, operates at higher pressures and presents higher risk to personnel. As a result JEA has selected the sole source technology of the Power Plus system.

At full load operation, every 1 degree F increase in outlet temperature results in a detrimental impact to the unit heat rate of 2.51 BTU/KWH. At 35 degrees F over the design temperature, this would be 87.85 BTU/KWH or 87,850 BTU/MWH. At full load operation of 310 MW this would result in a loss of 27.234 mmbtu/hr. Fuel costs are currently around \$2.37/mmbtu so the hourly savings would be approximately \$64/hr. Assuming a 70% load factor for the year, the annual savings from operating with an outlet temperature of 280F instead of 315F would be around \$390K.


In addition to heat rate savings and reduced maintenance costs, operating with a lower outlet temperature will have a positive impact on SDA SO2 capture. Onsite testing performed by the OEM in 2015 showed that proper temperature control at the SDA could result in as much as a 9% reduction in overall limestone consumption. Currently, Limestone associated costs currently account for approximately \$0.39 of the \$2.37/mmbtu cost to operate N01. A 9% reduction in limestone would result in a savings of about \$0.03/mmbtu or about \$0.28/MWH at full load heat rate. At a 70% load factor this would provide an annual savings of up to \$530K. Summing this with the potential total savings from heat rate improvement and subtracting the estimated fuel cost to operate the system of \$50K/year would result in up to \$870K/year of cost savings resulting in an ROI of less than 1 year.

The impulse detonators for this project based on installing 14 units, have a price of approximately \$30k per detonator. With an estimated one year ROI, pricing is deemed acceptable.

Request approval to award a contract to Power Plus Cleaning Systems for a NGS N01 CFB HRA Impulse Cleaning System in the amount of \$409,803.00, subject to the availability of lawfully appropriated funds.

Manager: Akrayi, Jamila R. - Mgr Project Management
Director: Limbaugh, Margaret Z. - Dir Energy Project Management
Sr. Director Acs, Gabor - Sr Dir Engineering & Projects
VP: Anders, Caren B. - VP/GM Energy

APPROVALS:

 _____ 05/07/2020

Chairman, Awards Committee **Date**

 _____ 5/7/2020

Budget Representative **Date**

Certification of Sole Source

3-111 Sole Source Procurements

(1) *Conditions for Use.* A Contract may be awarded for Supplies or Services as a Sole Source when, pursuant to the Operational Procedures, the Chief Procurement Officer or Designee determines that:

- (a) there is only one justifiable source for the required Supplies or Services; or
- (b) a service is a follow-up of Services that may only be done efficiently and effectively by the Company that rendered the initial Services to JEA, provided the initial procurement was competitive.

COMMENTARY:

This method of procurement involves no competition and should be utilized only when justified and necessary to serve JEA needs. This Code contemplates that the chief purchasing officer promulgate operational procedures that establish standards applicable to procurement needs that may warrant award on a sole source basis.

Name of Contractor or Supplier

PowerPlus

Description of Services or Supplies

This is a detonation cleaning system that will be installed on the heat recovery areas of the CFB's to remove buildup from the tubes to improve efficiency.

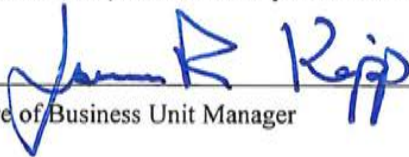
Certification

I the undersigned certify that:

there is only one justifiable source for the required supplies, services, construction or real estate; or
 this is a professional service which is a follow-up of services that may only be done efficiently and effectively by the firm that previously rendered the initial services to JEA

There are currently only two online detonation cleaning systems available on the market. The PowerPlus system which uses ethylene gas and compressed air in a lower pressure system due to a patented simplified design that has few moving parts. The other system is a more complex design that requires the mixing of natural gas, pure oxygen and pure nitrogen under extremely high pressure. The additional complexity of this alternative system and the multiple gases required for operation result in higher installation costs as well as higher ongoing operating and maintenance costs. Also, due to the simplicity of the PowerPlus system, which operates with less equipment, less quantity and types of explosive gases and under much lower pressures, it presents a lower potential safety risk to the plant and plant personnel.

Signature of Business Unit Manager



Date

4-3-20

Signature of Procurement Services Manager

Date

Contract or Purchase Order Number: _____ Amount: \$ _____

***This Certification shall be attached to the purchase order when routed for approval.
This sole source procurement shall be reported to the JEA Board in accordance with
Section 1-113(2) of the JEA Purchasing Code***

CONFLICT OF INTEREST CERTIFICATE

Contract:

Bidder/Proposer must execute this form, if applicable, relative to Florida Statute 112.313. Failure to submit this form, if applicable, may result in rejection of a Bid/Proposal.

I hereby certify that the following named JEA official(s) and employee(s) having material financial interest(s) (in excess of 5%) in this company submitting a Bid/Proposal and have filed Conflict of Interest statements with the Supervisor of Elections, 105 East Monroe Street, Jacksonville, Duval County, Florida, prior to Bid/Proposal opening.

Name	Title or Position	Date of Filing
_____	_____	_____
_____	_____	_____
_____	_____	_____

Signature

Company Name

Name of Authorized Representative of Company
(type or print)

Business Address

City, State, Zip Code

TECHNICAL MEMORANDUM

Index Number 060-192 – N01 CFB HRA Impulse Cleaning System Installation (\$682,550)

PREPARED FOR: Capital Budget Planning

PREPARED BY: David Biruk

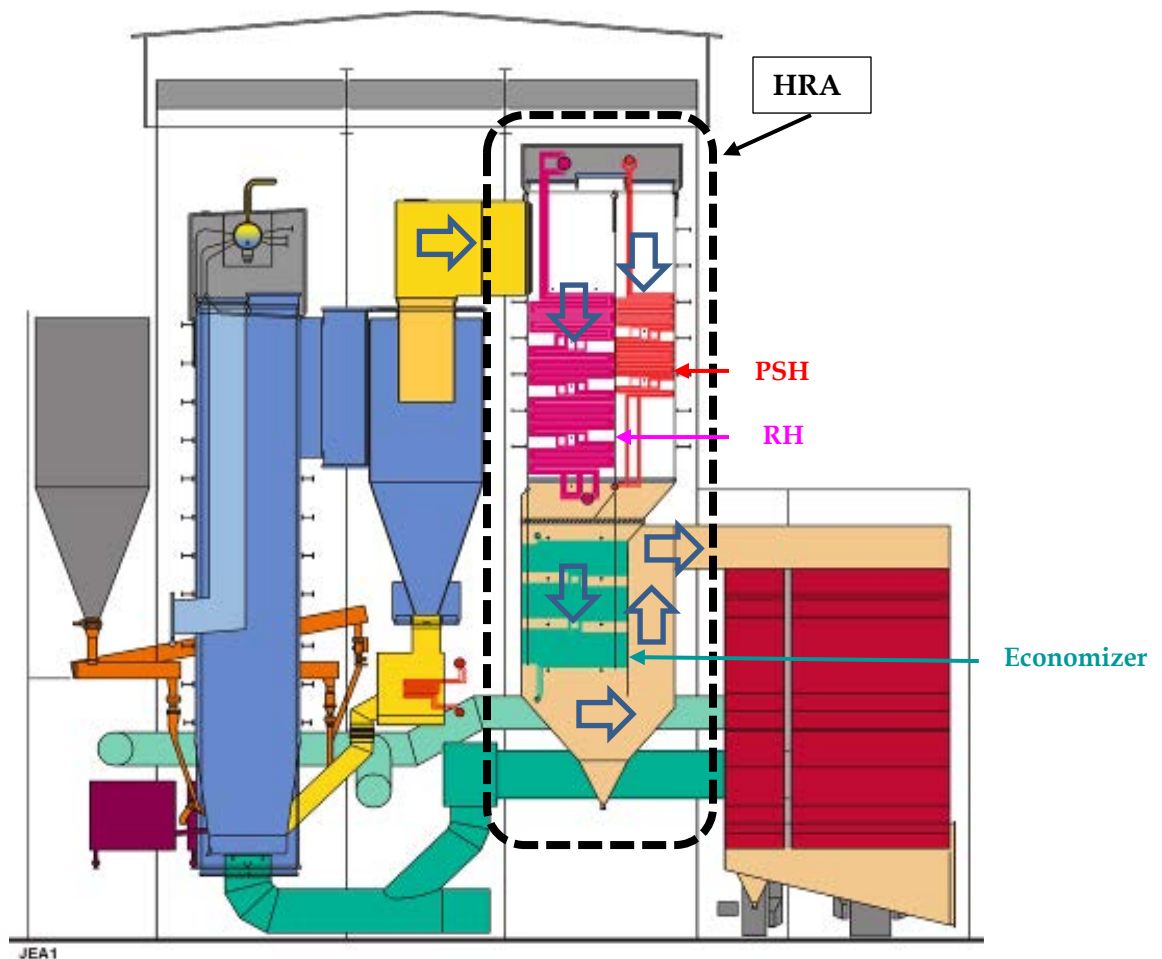
DATE: 12/30/2019

Project Summary

This project is to install an impulse cleaning system on the N01 CFB HRA to improve heat transfer which would improve overall unit efficiency. The expected return on investment is under 1 year.

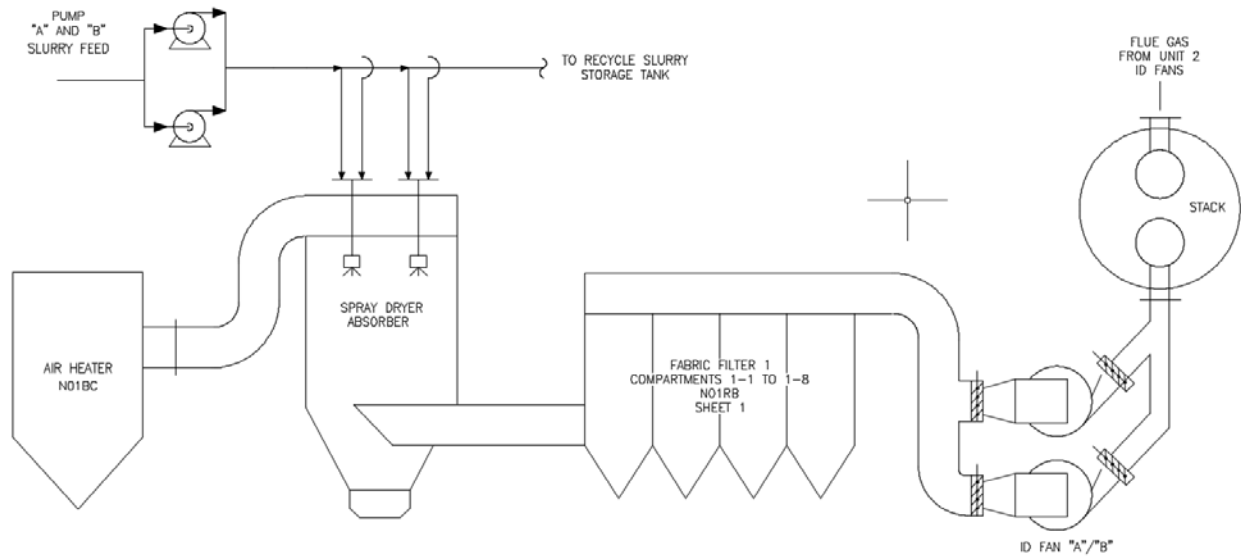
Introduction & Background

The Northside Generating Station circulating fluidized bed boilers (CFB's) were built with a parallel pass primary superheat (PSH) and reheat (RH) section followed by an economizer section. This area of the boiler, also called the heat recovery area (HRA), captures heat from the boiler exit gas in order to superheat steam and improve overall efficiency. The design temperature for exit gas from the boiler air heaters is 280F. Our unit currently runs with an average air heater outlet temperature of approximately 315F. At full load operation, every 1 degree F over design has a heat rate degradation of 2.51 BTU/KWH.



After exiting the air heater, the flue gas moves through the air quality control system (AQCS). The AQCS consists of a spray dryer absorber (SDA) that removes SO₂ and a baghouse which removes particulate. The SDA works by spraying an ash slurry that contains free lime into the flue gas stream as droplets. The calcium in the free lime reacts with SO₂ forming a solid particle which is then removed as fly ash. In order for this reaction to occur, the ash slurry droplets must contain moisture so in order to optimize the SO₂ removal process it is ideal to keep the slurry wet as long as possible while it is in the flue gas stream while still drying it out before it reaches the baghouse.

The SDA was designed to have an inlet temperature of 280F. Temperatures greater than 280F cause the slurry to dry out faster than it should in the gas path reducing SDA efficiency and increasing limestone consumption in the boiler. The SDA OEM performed testing on the JEA SDA's in 2015 and determined that improved temperature control in the SDA could result in a 9.2% reduction in limestone consumption.



The main contributing factor to the excess temperature at the air heater outlet is buildup in the HRA preventing proper heat transfer. The CFB's were built with an array of soot blowers. The soot blowers remove enough ash to keep the gas path clear but do not remove the ash that builds up between the tubes. The ash that builds up between the tubes forms an insulating layer that prevents heat transfer. Concerns about the buildup have resulted in attempts to remove the buildup by setting off explosive charges in the HRA during outages. Though this does remove some of the buildup, it is only a small percentage of what is there overall.



Buildup between tubes



Scale buildup on tubes

It was recommended that we look into the impulse cleaning system from PowerPlus cleaning systems for our HRA as other companies have had great success with this system. There are various classes of online cleaning systems that exist in the industry. This system is classified as a detonation type system. Traditional systems have largely been sootblowers that inject steam into the gas path using a retractable lance. Some of the main disadvantages of these types of systems are that the steam only provides line of sight cleaning, the steam can cause tube erosion and sootblower systems can be maintenance intensive. The JEA CFB's each have 36 sootblowers.

Another type of online cleaning system uses acoustic waves to remove buildup. These systems provide a constant frequency that is meant to shake ash off of boiler surfaces. JEA has installed one of these systems in the past and found that the acoustic cleaning systems do not do a good job of removing our type of buildup. Because of the constituents in our ash and our operating temperatures, the ash can tend to somewhat fuse together requiring more force to dislodge it than what is provided by an acoustic cleaning system.

Detonation type systems provide a large periodic pressure pulse that does a better job of dislodging buildup. The forces from the detonation are omnidirectional and move around the entire surface of the tubes. Though detonation systems have increased in popularity, there are few systems that provide automated online detonation cleaning and even those systems have some major differences between them.

Justification

Since 1/1/2017 there have been 85 PWO's for corrective maintenance on the CFB's. Many of these individual PWO's addressed issues with multiple sootblowers and this number does not include routinely scheduled PM's. The total cost of maintenance of the sootblowers for both CFB's was over \$280K for that three year time period of which nearly \$200K was for just N01. Maintaining the existing sootblower systems has been very labor intensive and expensive.

The impulse cleaning system will be much less labor intensive and less expensive to maintain. The N01 CFB has 36 sootblowers. These sootblowers have many large moving parts, valves, steam lines, etc. that require a lot of maintenance. The lances often brake off when extended into the boiler and have to be replaced. Since the impulse cleaning system is omnidirectional instead of line of site like the sootblowers, only 14 impulse generators are required. The only moving parts on the impulse system are small solenoid valves that open and close to inject air and fuel into the impulse generator. The only part of the impulse generator that extends into the boiler is a small horn that is fixed to the boiler door and does not move.

In addition to high maintenance costs, the existing soot blower system does not do an adequate job of keeping the HRA on the boiler clean for optimal heat transfer. The design outlet temperature for the boiler is 280F but the average boiler outlet temperature is around 315F. At full load operation, every 1 degree F increase in outlet temperature results in a detrimental impact to the unit heat rate of 2.51 BTU/KWH. At 35 degrees F over the design temperature, this would be 87.85 BTU/KWH or 87,850 BTU/MWH. At full load operation of 310 MW this would result in a loss of 27.234 mmbtu/hr. Fuel costs are currently around \$2.37/mmbtu so the hourly savings would be approximately \$64/hr. Assuming a 70% load factor for the year, the annual savings from operating with an outlet temperature of 280F instead of 315F would be around \$390K

In addition to heat rate savings and reduced maintenance costs, operating with a lower outlet temperature will have a positive impact on SDA SO₂ capture. Onsite testing performed by the OEM in 2015 showed that proper temperature control at the SDA could result in as much as a 9% reduction in overall limestone consumption. Limestone associated costs currently account for approximately \$0.39 of the \$2.37/mmbtu cost to operate N01. A 9% reduction in limestone would

result in a savings of about \$0.03/mmbtu or about \$0.28/MWH at full load heat rate. At a 70% load factor this would provide an annual savings of up to \$530K. Summing this with the potential total savings from heat rate improvement and subtracting the estimated fuel cost to operate the system of \$50K/year would result in up to \$870K/year of cost savings resulting in an ROI of less than 1 year.

There are few systems available for automated online detonation cleaning. Of those that are available, the Impulse system from PowerPlus appears to be the simplest to install and operate. It uses plant air and bottles of ethylene (C₂H₄). A similar system by Explosion Power called the Shock Pulse Generator requires oxygen bottles, Nitrogen bottles and natural gas supply lines requiring many additional valves and pipe runs as well as having additional complexity. The impulse system is much simpler and feedback from users of the system has indicated that they are extremely satisfied with it.

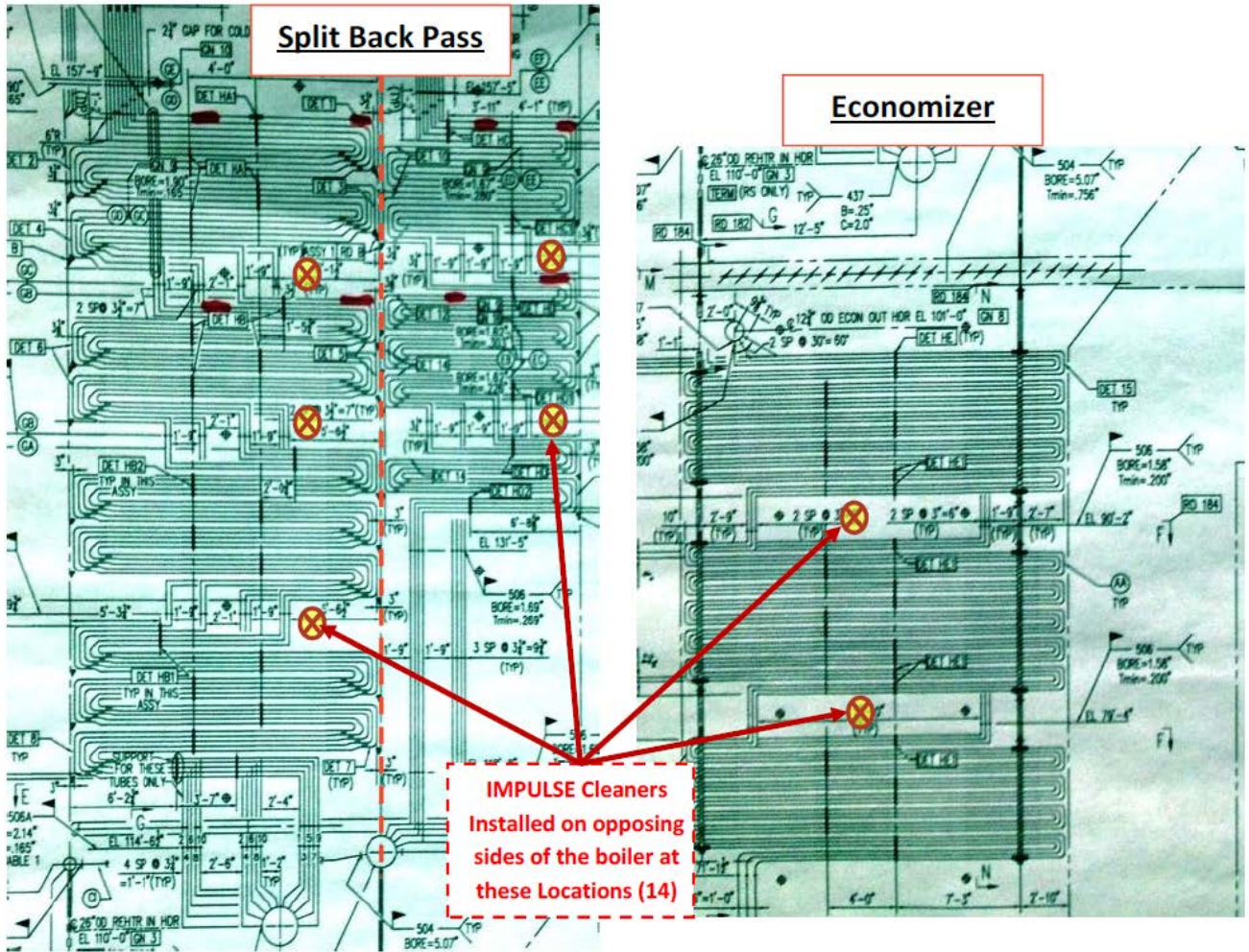
Scope

Installation to be completed by GC contractor

- 1) Mounting and 120 VAC Electrical connection of IMPULSE cleaner control system.
- 2) Mounting of the IMPULSE cleaner combustion chamber on the boiler and installation of all fuel, air and control system connections.
- 3) Installation of Ethylene fuel rack in accordance with all applicable federal/local standards and all piping of Ethylene to the designated IMPULSE cleaner location(s)
- 4) Leak test fuel system and make any required repairs or corrections.
- 5) Delivery of the required Ethylene C₂H₄ gas. (Estimated Quantity required will be two 30# tanks of Ethylene gas, per IMPULSE cleaner, per month)

Commissioning to be completed with JEA support

- 1) Arrangement for JEA electrical, I&C and mechanical technician to be available throughout commissioning to address any potential issues during start-up.
- 2) Arrangement for onsite maintenance and management personnel to be available for orientation and training on use and operation of IMPULSE Cleaning System.



Implementation Schedule

N01 CFB HRA Impulse Cleaning System Installation	FY 2020												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Engineering – Design Duration = 30 Days										■			
Procurement – Bid Duration = 90 Days											■	■	■
Construction Duration = 30 Days													
Closeout Duration = 0 Days													


N01 CFB HRA Impulse Cleaning System Installation	FY 2021											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Ma	Jun	Jul	Aug	Sep
Engineering – Design Duration = 0 Days												
Procurement – Bid Duration = 30 Days	■											
Construction Duration = 90 Days	■	■	■									
Closeout Duration = 30 Days				■								

Project Management & Delivery

Stage	Project Definition	30% Conceptual Design	100% Final Design	Bid	Construction
To Project Delivery	Reliability Engineering	Reliability Engineering	Reliability Engineering	Project Management	Project Management
	OPB Established	Trend	Trend	Trend	

Cost Estimate and Expenditure Forecast (\$682,550)

Pricing for materials was based on vendor quote

BUDGETARY PROJECT COST OPINION						
Project:	N01 CFB Backpass Impulse Cleaning System				Author:	David Biruk
Facility:	NGS				PWO Number:	
Date:	12/30/2019				Rev. No.	
ID:						
						
Direct Construction Cost						
Contractor Direct Cost			Material	Labor	Equipment	Other/Sub-Cont.
Totals From Details			\$450,000	\$0	\$0	\$110,000
Contingency		20%	\$0	\$0	\$0	\$22,000
Total Contractor Direct Costs			\$450,000	\$0	\$0	\$132,000
JEA Direct Cost						
Totals From Details			\$0	\$7,500	\$1,500	\$0
Contingency		20%	\$0	\$1,500	\$300	\$0
Total JEA Direct Costs			\$0	\$9,000	\$1,800	\$0
Additional Direct Cost						
JEA Contract Contingency		1%	\$4,500	\$90	\$18	\$1,320
Total Direct Construction Costs			\$454,500	\$9,090	\$1,818	\$133,320
JEA Cost						
				Labor	Sub-Cont.	TOTAL
Project Management		5.0%		\$29,936		\$29,936
Engineering		5.0%		\$29,936		\$29,936
Services During Construction		2.0%		\$11,975		\$11,975
Miscellaneous		2.0%		\$11,975		\$11,975
Total JEA Costs			\$0	\$83,822	\$0	\$83,822
Total Budgetary Project Cost			\$454,500	\$92,912	\$1,818	\$133,320
					Accuracy Range	\$477,785 \$1,023,825

PROJECTED EXPENDITURE FORECAST BY FISCAL YEAR									
ACTIVITY	FY 2020				FY 2021				TOTAL
QUARTER	1ST	2ND	3RD	4TH	1ST	2ND	3RD	4TH	
JEA Cost & Engineering 30%			\$10K						\$10K
JEA Cost & Engineering Final				\$10K	\$10K				\$20K
Construction					\$62K				\$642K
Project Closeout					\$10K				\$10K
TOTAL			\$10K	\$10K	\$652K				\$682K

Risks

Modifications to the boiler doors need to be reviewed carefully to ensure the doors can still function to provide outage access without excess additional effort. Proper protocol for handling of gas bottles needs to be followed to prevent accidental discharge of ethylene gas.

Security Signoff

Does this project have potential Security impacts such as fencing, camera, monitoring, etc.?

No

Date: _____

Revision History

Name	Date	Version	Revision Notes

CP: _____ Revision #: _____

Date: _____

Scope Approval –The signatures below represent approval for this project. The groups represented must approve in writing changes to the scope, cost, or schedule, prior to implementing those changes.

_____ Corporate Planning	_____ Date	_____ O&M	_____ Date
-----------------------------	---------------	--------------	---------------

_____ Outreach	_____ Date	_____ Environmental	_____ Date
-------------------	---------------	------------------------	---------------

_____ Others Signature	_____ Date	_____ Others Signature	_____ Date
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Rev 1 Description:

Schedule Effect: _____

Cost Effect: _____

Approvals:

_____ Corporate Planning	_____ Date	_____ O&M	_____ Date
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_____ Outreach	_____ Date	_____ Environmental	_____ Date
-------------------	---------------	------------------------	---------------

_____ Others Signature	_____ Date	_____ Others Signature	_____ Date
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Rev 2 Description:

Schedule Effect: _____

Cost Effect: _____

Approvals:

_____ Corporate Planning	_____ Date	_____ O&M	_____ Date
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_____ Outreach	_____ Date	_____ Environmental	_____ Date
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_____ Others Signature	_____ Date	_____ Others Signature	_____ Date
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March 26, 2020

JEA-Northside Generating Station
4377 Heckscher Drive
Jacksonville, FL. 3226-3099

Subj: IMPULSE® Cleaning System Recommendation-Updated Pricing

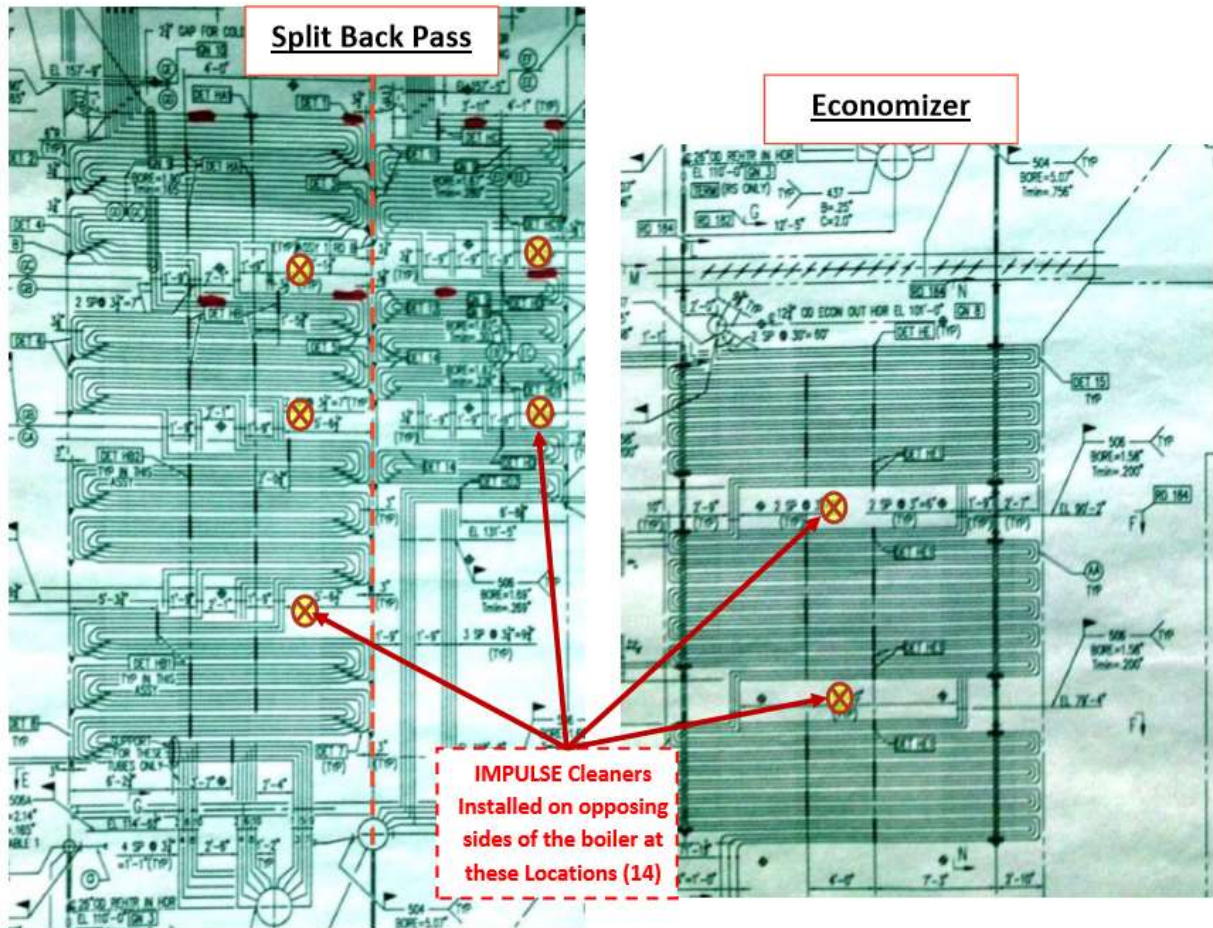
Attn: Mike Newbold

Dear Mr. Newbold;

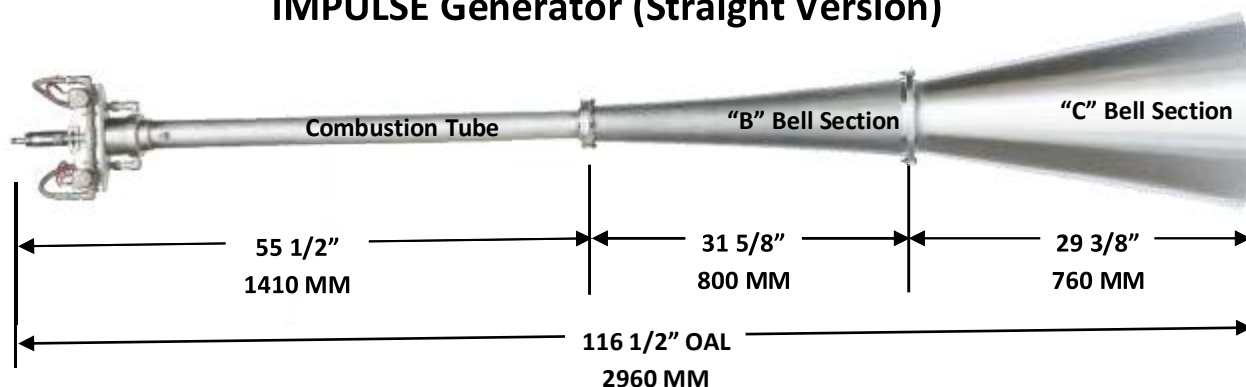
In response to your recent request, please accept the following updated proposal with reduced pricing for the IMPULSE Cleaning System. Please note that the pricing previously offered had already been reduced from our standard published list pricing in consideration of the size of the project, the additional reduction (effectively dealer/distributor pricing) hopefully illustrates our desire to partner with JEA.

Installation Recommendation

Based upon a review of the boiler specifications, dimensional data and the problem areas indicated in our discussions, we would recommend the installation of fourteen (14) IMPULSE cleaners. Installed at the elevations indicated below on opposing sides of the boiler.



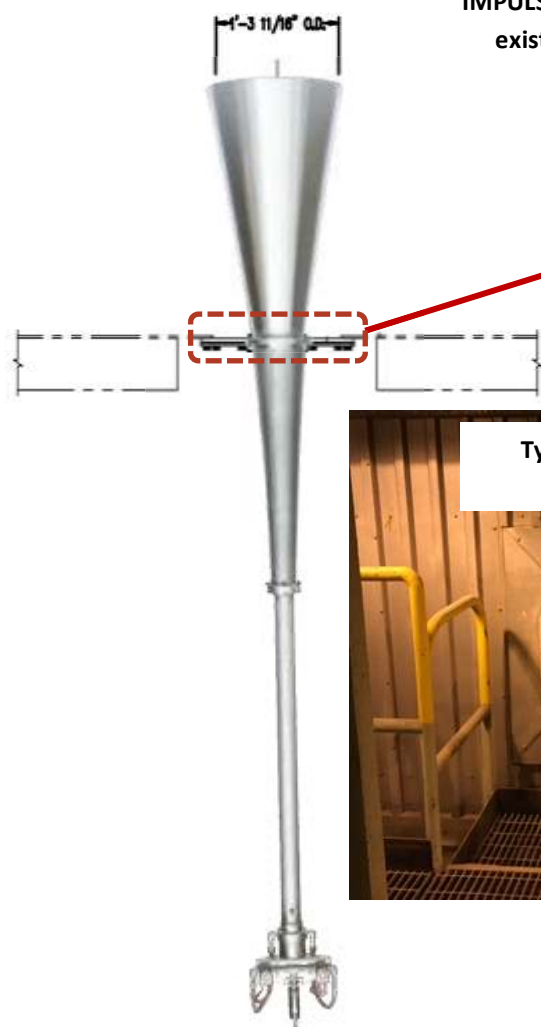
IMPULSE Generator (Straight Version)



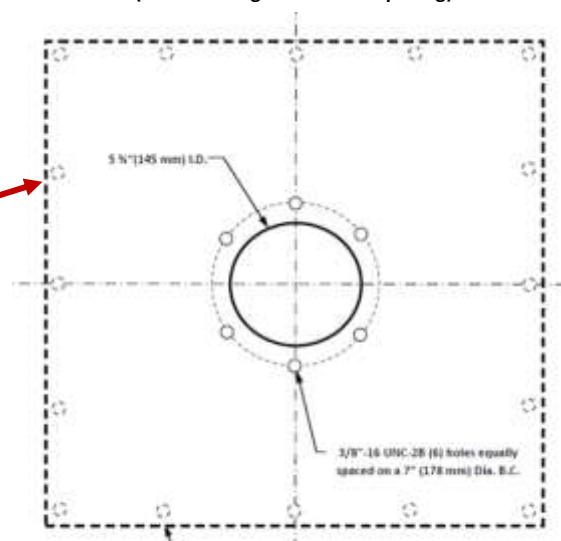
Proposed Installation Arrangement-Existing Access Door Opening

Install IMPULSE Cleaner should be installed through the current access door opening, utilizing a custom fabricated mounting plate, bolted onto the studs used to affix the existing door flange.

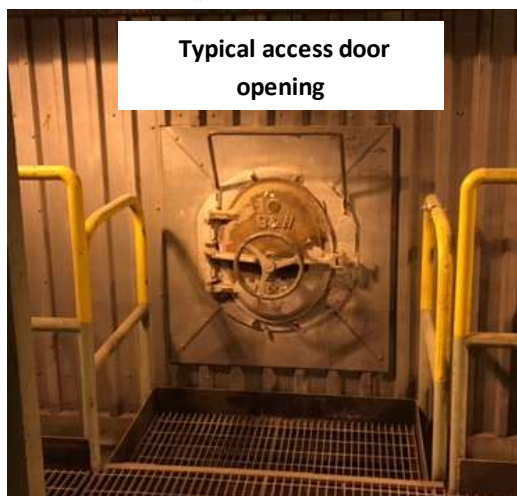
IMPULSE cleaner installed through existing access door opening



Custom Mounting Plate
(Fit to existing access door opening)



Recommend 1/2" Plate ASTM A36. External dimensions of the flange, bolt hole sizes and bolt hole spacing fabricated to match existing access door flange



IMPULSE Cleaning System Solid State Controller

The IMPULSE System Controller coordinates all of the operations for the IMPULSE cleaner.

- Solid state components provide greater reliability and allow for easy replacement and repair.
- Intuitive and informative graphic user interface
- Monitoring capability for gas and airline pressures.
- Gas Leak Detection
- Very robust multi-spark ignition



Graphic Interface/Programming Screen

Cleaning Cycle Definition Cleaning Time = 25 Sec

Pre-Cycle Air:	5	Seconds (5 - 60)
Post-Cycle Air:	10	Seconds (10 - 60)
Impulses Per Cycle:	20	(1 - 40)
Fuel Fill Time:	250	mSecs (70 - 400)
Time Between Impulses:	500	mSecs (max. 10000)
Time Between Cycles:	1	Mins (1 - 1440)
Max Misfire Count:	10	
Impulse Threshold:	25	PSI (min. 5)

System Settings

Low Fuel Limit:	1	PSI
Arming Delay:	5	Seconds (3-10)
Prefire Signal:	30	Seconds (0-60)
System Enable:	<input type="radio"/> Enable	
System Mode:	<input type="radio"/> Timer <input checked="" type="radio"/> Trigger	

Network Settings

Controller IP:	192	:	168	:	1	:	2
Subnet Mask:	255	:	255	:	255	:	0
Default Gateway:	0	:	0	:	0	:	0

Buttons: Save, Cancel, Reset Defaults, Main

System Monitoring Screen

Monitoring

Enable	Next Fire	Air (PSI)	Fuel (PSI)
Disabled		0.0	0.0 Low

Commands

Buttons: Fuel Purge, Fire Now, System Paused

Alarms

Button: Ack

System Summary Screen

Station Summary

Identity	Connected	Status	Air (PSI)	Next Fire	
1	Unit 1 North	No	Disabled	0.0	
2	Unit 2 South	No	Disabled	0.0	
3	Unit 3 North	No	Disabled	0.0	
4	Unit 4 South	Yes	Enabled	52.0	0:00:11:50
5	Unit 5 North	No	Disabled	0.0	
6	Unit 6 South	No	Disabled	0.0	
7	Unit 7 North	No	Disabled	0.0	
8	Unit 8 South	No	Disabled	0.0	
9	Unit 9 North	No	Disabled	0.0	
10	Unit 10 South	No	Disabled	0.0	
11		No	Disabled	0.0	
12		No	Disabled	0.0	

System Variables

Low Fuel Limit: 0 psi

Arming Delay: 5 Sec (3-10)

Prefire Signal: 30 Sec (5-60)

System Monitoring

Current Fuel: 0 psi

Commands

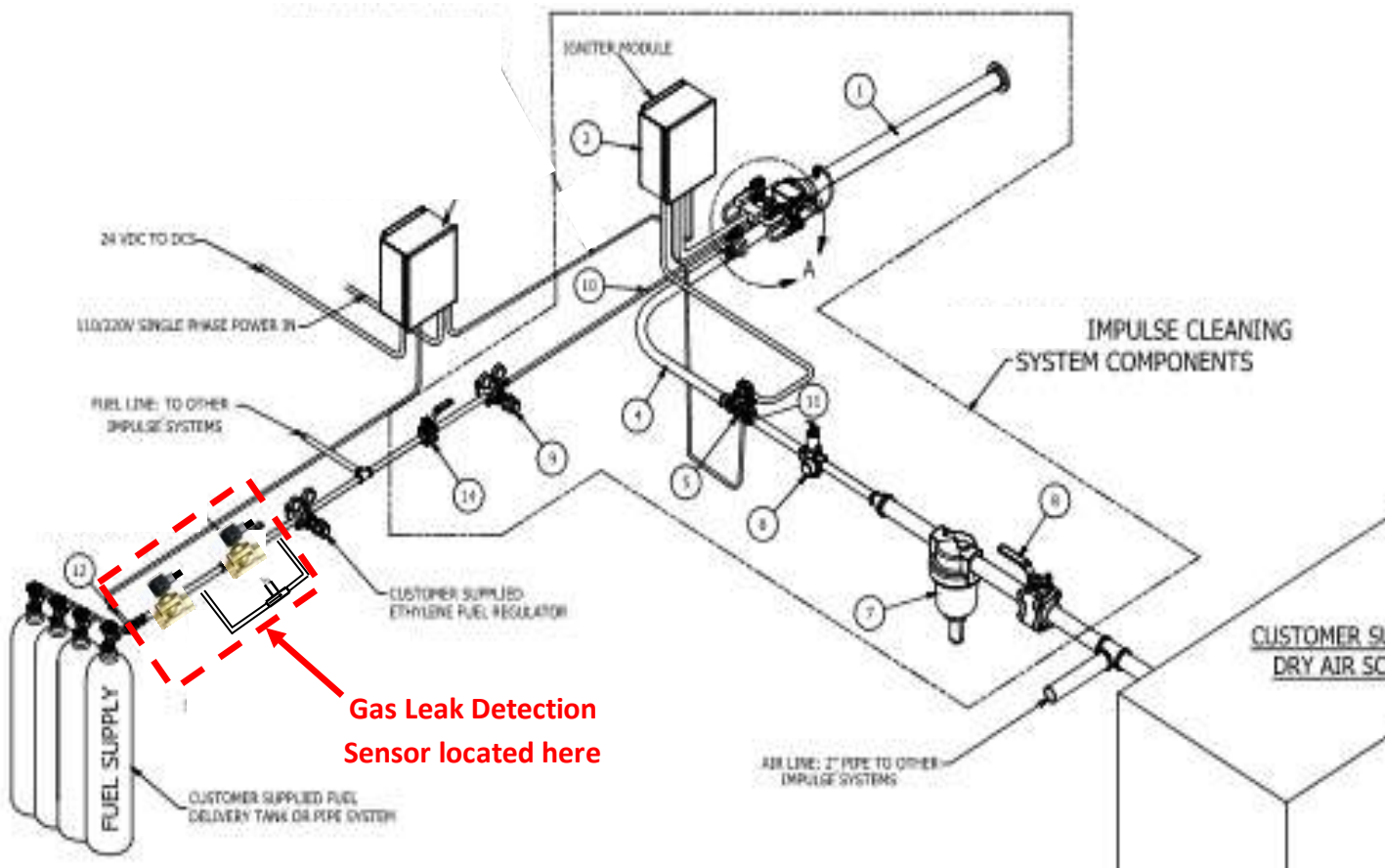
System Active

Ack All

Mode

Timer
 Trigger

IMPULSE System Configuration



System Pricing

14 IMPULSE® Cleaning Systems (Consists of the following parts:)

Quantity	Part Number	Description	Discounted Price	Total
14	839-0180	IMPULSE Cleaning Combustion Chamber With required component parts (listed below)	\$17,700.00	\$247,800.00
14	840-0004	Igniter Control Module	\$7,625.00	\$106,750.00
14	840-0005	Exciter Module	Included	Included
14	840-0075	Igniter (Spark Plug), MultiSpark	Included	Included
14	840-0010	Exciter/Igniter Connection Cable, Mil-Spec	Included	Included
14	839-0059	1" NPT Air Hose, Flexible, SS 49" Length	Included	Included
14	822-0669	1" Air Solenoid Valve, 120V/24VDC	Included	Included
14	822-0072	1" Air Regulator, Parker/WATTS	Included	Included
14	822-0070	1" Air Filter, Parker/WATTS	Included	Included
14	822-0064	1" NPT Ball Valve, Brass	Included	Included
14	900-0255	Fuel Regulator GP 1-STG, 1/2", 400 PSI, 0-250 In-Line	Included	Included
14	839-0019	Gas Line, 1/4" X 25 1/2" Flex Hose, Braided 304 SS	Included	Included
14	840-0065	Detonation Sensor (0-150 PSI)	Included	Included
15	840-0060	M12 Connection Cable, Pressure Transducer, 6M	Included	Included
14	840-0900	1/2" Ball Valve, Stainless Steel (for fuel line)	Included	Included
Sub-Total (system without main CPU)				\$354,550.00
Main CPU Controller with Leak Detection Circuit (Can Control up to 20 IMPULSE Cleaning Systems)				
1	840-0003	IMPULSE Cleaner CPU Main Controller	\$10,950.00	\$10,950.00
1	840-0080	Fuel Leak Detection Assembly (Low flow switch, safety valves) capable of detecting less than a 1/64" leak	\$ 2,050.00	\$ 2,050.00
1	840-0070	Gas Line, pressure sensor (0-500 PSI)	\$363.00	\$ 363.00
2	840-1000	Central Communication Hub, 8 port	\$ 890.00	\$ 1,780.00
Total Cleaning System				\$369,693.00

Additional Required Mounting Components

14	823-1322	Bell B-Section; Cast 310 Stainless Steel	\$ 1,215.00	\$17,010.00
14	823-0255	Bell C-section, 310 Stainless Steel	\$1,650.00	\$23,100.00
14	By Others	Custom Mounting flange, Carbon Steel	---	---
Total System Pricing with Mounting Components				\$409,803.00

Terms and Conditions for Purchase

- 1) Based on current inventory levels, these parts can ship in approximately 8-10 weeks, however longer lead times may apply based on availability at the time of order.
- 2) Quote is valid for 30 days and may be modified or withdrawn by PowerPlus Cleaning Systems prior to receipt of buyers acceptance and exclude any applicable duties or taxes.
- 3) Payment terms are net 30 days based upon credit acceptance.
- 4) Material will be shipped Ex Works, shipping point. At Buyer's option, pre pay and add shipping is available and add will reflect carriers' rates prior to any rebates or other discounts.
- 5) This quote is subject to the Seller Terms & Condition of Sale, which are incorporated by reference.

End User is responsible to provide all labor and materials required to mount cleaning system on boiler.

The following conditions and tasks must be completed prior to commissioning the system:

- 1) Mounting and Electrical connection of IMPULSE cleaner control system.
- 2) Mounting of the IMPULSE cleaner combustion chamber on the boiler and installation of all fuel, air and control system connections.
- 3) Delivery of the required Ethylene C₂H₄ gas. (Estimated Quantity required will be two 30# tanks of Ethylene gas, per IMPULSE cleaner, per month)
- 4) Installation of Ethylene fuel rack in accordance with all applicable federal/local standards and all piping of Ethylene to the designated IMPULSE cleaner location(s) has been completed.
- 5) Fuel system has been successfully leak tested.

<u>Commissioning, Supervision and/or Start-up Service</u>		
(Min. 5 Days recommended for this project)		
Total for 5 days of Commissioning startup and O&M training		\$ 9,700.00
Pricing includes travel and lodging expenses. Overtime and weekends will be billed at a 50% premium.		
Commissioning Service- Onsite start up, system programming, supervision and training. \$2,500.00/1st Day		
Additional consecutive 8 hour days will be charged at \$1,800.00 per day.		\$1,800.00/Day

Prior to onsite commissioning visit, the following facility work must be completed by customer for all IMPULSE cleaning systems shipped to location:

- 1) Verification that all shipped components are onsite and installed in the designated locations.
- 2) A 1" air-supply line has been installed and plumbed to IMPULSE Cleaning System.
- 3) Ethylene (C₂H₄) fuel rack has been setup, plumbed and leak tested per site code to IMPULSE cleaner.
- 4) All 120VAC electrical lines have been installed per site code and power supply has been connected to each controller location.
- 5) Arrangement for onsite electrical technician to be available throughout commissioning to address any potential issues during start-up.
- 6) Arrangement for onsite plumbing technician to be available throughout commissioning to address any potential issues during start-up.
- 7) Arrangement for onsite maintenance and management personnel to be available for orientation and training on use and operation of IMPULSE Cleaning System.

We appreciate your interest in the IMPULSE cleaning system and look forward to reviewing this proposal with you in greater detail.

If you should have any questions, please call me toll free at 844 775 8727, or e mail me at Vince@Powerpluscs.com. I will be contacting you by phone in the near future to discuss this proposal.

Sincerely,



Vince Barreto
PowerPlus Cleaning Systems



Formal Bid and Award System

Award #6 May 7, 2020

Type of Award Request: CONTRACT INCREASE
Request #: 6819
Requestor Name: Brunell, Baley – Manager Fleet Services & Business Operations
Requestor Phone: (904) 665-6992
Project Title: JEA FY20 Heavy Duty Dump Truck Vehicle Procurement Acquisition
Project Number: 8005831
Project Location: JEA
Funds: Capital
Budget Estimate: \$528,988.00

Scope of Work:

The purpose of the Agreement was to solicit pricing for the purchase of two (2) heavy-duty dump truck units within class category 135 for the planned and budgeted replacement of JEA’s Fleet Water assets which were approved as part of the FY19 Fleet Capital Procurement Plan. In addition, it had estimated volumes for a second year renewal option for additional heavy-duty dump truck units within class category 135, which was processed for both planned and budgeted replacement and expansion of JEA’s Fleet Water assets as part of the FY20 Fleet Capital Procurement Plan.

This award will positively affect the following JEA Measures of Value:

- Customer Value: Ensures JEA can continue to efficiently and effectively operate the water network grid.
- Community Value: Minimizes network outages by ensuring a high utilization rate of our Fleet Assets.
- Financial Value: Aims to reduce long term operating expenses through replacing older, more inefficient and unreliable equipment.

JEA IFB/RFP/State/City/GSA#: 023-19
Purchasing Agent: Roddy, Colin P.
Is this a ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Vendor Contact	Email	Address	Phone	Amount
TOM NEHL TRUCK COMPANY	Dustin Brigman	dustinbrigman@tomnehl.com	417 Edgewood Ave, S. Jacksonville, FL 32254	(904) 759-9677	\$528,988.00

Amount of Original Award: \$262,930.00
Date of Original Award: 12/20/2018
Contract Increase Amount: \$528,988.00
Award Amount for remainder of this FY: \$528,988.00
New Not-To-Exceed Amount: \$1,455,653.00
Length of Contract/PO Term: One (1) Year w/ One (1) Year Renewal

Begin Date (mm/dd/yyyy): 10/01/2018
End Date (mm/dd/yyyy): 09/30/2020
Renewal Options: None remaining.
JSEB Requirement: N/A - No JSEBs available

List of Previous Contract Renewals

CPA #	Amount	Date
179220	\$663,735.00	11/21/2019

Background/Recommendations:

Originally bid and approved by the Awards Committee on 12/20/2018 to Tom Nehl Truck Company in the amount of \$262,930.00 for the purchase of two (2) fourteen cubic yard heavy-duty dump truck units within class category 135. A copy of the original award is attached as backup.

A contract renewal was processed on 11/21/2019 in the amount of \$663,735.00 for the purchase of five (5) additional fourteen cubic yard heavy-duty dump truck units within class category 135. A copy of the contract renewal is attached as backup.

This request is for a contract increase in the amount of \$528,988.00 to cover additional vehicle requirements for FY20. Working with the water department, Fleet has identified a need for four (4) additional fourteen cubic yard heavy-duty dump truck units within class category 135 in order to increase the reliability of the fleet and minimize O&M expense from phasing out high cost units from the fleet. These four (4) units were originally identified to be apart of the FY21 Fleet Capital plan as replacements, but were recently approved through Fleet and Budget to be moved up into the FY20 Fleet Capital Plan as replacements. This came as a recommendation by the Water and Waste Water group in order to level budgetary spend between FY20 and FY21.

Comparing JEA’s pricing from the previous FY20 units that was purchased through Tom Nehl, JEA’s new FY20 purchase price will be \$500.00 lower per unit. This represents a cost decrease of \$2,000.00 in total driven by negotiations.

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 breakdown:


- Total cost difference: \$2,000.00 (unit cost savings) = \$2,000.00
- Total sourcing savings: \$0.00 = \$0.00

Aerial Truck Type	Project	Project Number	Number of Units	Unit Costs	Total Costs
Class 135 - 14 Cubic Yard Dump Truck	Water Replacement	8005831	4	\$132,247.00	\$528,988.00
				Totals	\$528,998.00

Request approval to award a contract increase to Tom Nehl Truck Company in the amount of \$528,988.00, for a new not-to-exceed amount of \$1,455,653.00, subject to the availability of lawfully appropriated funds.

Manager: Brunell, Baley L. – Mgr Fleet Services & Business Operation
Director: McElroy, Alan D. – Director Operations Support Services
VP: McCarthy, John P. – VP Logistics & Chief Supply Chain Officer

APPROVALS:

 05/07/2020

Chairman, Awards Committee **Date**

Budget Representative **Date**

Laure A Whitmer 5/7/2020

Tom Nehl Contract Increase					
Group	Current Contracted FY20 Units	FY20 Contract Increase Units	Description	FY20 Tom Nehl Updated Pricing	Total FY20 Tom Nehl Contract Increase Total
Group 4	5	4	Class 135 14 CUYD Dump Truck	\$132,247.00	\$528,988.00

Original Award	\$262,930.00
Current NTE	\$926,665.00
New NTE w/ Contract Increase	\$1,455,653.00

OLD/EXISTING UNIT NUMBER	COST CENTER	CUSTOMER	DEPART DETAIL	JEA CLASS CODE NEW UNITS	DESCRIPTION NEW UNITS	DIESEL, GAS, LP or ELECTRIC	ELECTIC OR WATER	FY20 REPLACEMENT COST	INDEX #	ORIGINAL APPROVED CAPITAL PURCHASE, Y or N	PURCHASES ARRIVING IN FY20, FY21 or FY22	COMMENTS/NOTES/OPTIONS PER END USERS
7679-20	30607	ELLIS, RANDY J	PSSC	134	TRUCK 5 T DUMP 14 YD	DIESEL	W	\$132,247.00	211-W	Y	FY 20	FY20 Pull Forward - \$145,000
7689-20	30601	SCHOETTLER, KYLE CARMICHAEL	PSSC	134	TRUCK 5 T DUMP 14 YD	DIESEL	W	\$132,247.00	211-W	Y	FY 20	FY20 Pull Forward - \$145,000
7166-20	30606	SPELL, BRYAN CHRISTOPHER	PSSC	134	TRUCK 5 T DUMP 14 YD	DIESEL	W	\$132,247.00	211-W	Y	FY 20	FY20 Pull Forward - \$145,000
6899-10	30604	ALLSBROOK, ROBERT B JR (BOB)	PSSC	135	TRUCK 5 T DUMP 14 YD	DIESEL	W	\$132,247.00	211-W	Y	FY 20	FY20 Pull Forward - \$145,000



Formal Bid and Award System

Award #6 December 20, 2018

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Request #: 6415
Requestor Name: Roddy, Colin
Requestor Phone: (904) 665-8337
Project Title: JEA FY19 Heavy Duty Vehicle Procurement Acquisition
Project Number: 8005056 & 8005261
Project Location: JEA
Funds: Capital
Budget Estimate: \$1,279,000.00

Scope of Work:

The purpose of this Invitation to Negotiate (the "ITN") is to solicit pricing for the purchase of eight heavy duty vehicles within class categories of 131, 133 and 135 for JEA's FY19 requirements. This purchase is for planned and budgeted replacement of JEA's Fleet electric assets (Electric Replacement – 5 units) and JEA's Water assets (Water Replacement – 3 units) and have been approved as part of the FY19 Fleet Capital Procurement Plan. This agreement will leverage not only many different styles of vehicles it is also intended to leverage volumes of future vehicles.

JEA IFB/RFP/State/City/GSA#: 023-19
Purchasing Agent: Roddy, Colin
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Amount
ORLANDO FREIGHTLINER	Eamon Kelly	EKcally@orlandofreightliner.com	2455 S Orange Blossom Trail, Apopka, FL 32703	\$529,300.00
MAUDLIN INTERNATIONAL TRUCK & TRAILER	Mike O'Brien	mobrien@maudlinintl.com	1881 Pickettville Rd. Jacksonville, FL 32220	\$339,177.00
TOM NEHL TRUCK COMPANY	Dustin Brigman	dustinbrigman@tonnehl.com	417 Edgewood Ave S. Jacksonville, FL 32254	\$262,930.00

Amount for entire term of Contract/PO: \$1,131,407.00
Award Amount for remainder of this FY: \$1,131,407.00
Length of Contract/PO Term: One (1) Year w/One (1) Yr. Renewal
Begin Date (mm/dd/yyyy): 10/01/2018

End Date (mm/dd/yyyy):

09/30/2019

Renewal Options:

One (1) – 1 Yr. Renewal

JSEB Requirement:

N/A – No JSEBs available

BIDDERS:

Name	Original Amount	Original Number of Vehicle Groupings to be Awarded	BAFO Amount	BAFO Number of Vehicle Groupings to be Awarded
ORLANDO FREIGHTLINER	\$1,151,465.00	3	\$1,140,502.00	2
TOM NEHL TRUCK COMPANY	\$625,621.00	1	\$625,621.00	1
MAUDLIN INTERNATIONAL TRUCK & TRAILER	\$349,677.00	0	\$339,177.00	1
NEXTRAN TRUCK CENTER	\$286,674.00	0	\$286,674.00	0

Background/Recommendations:

Advertised 11/09/2018. Two (2) companies attended the first mandatory pre-response meeting on 11/20/2018 and five (5) companies attended the second mandatory pre-response meeting on 11/26/2018. At the Response opening on 12/11/2018, JEA received four (4) Responses.

On 12/11/2018, negotiations were held with the four (4) shortlisted companies, Orlando Freightliner, Maudlin International Truck & Trailer, Tom Nehl Truck Company and Nextran Truck Center. Best and Final Offers (BAFO) were submitted on 12/13/2018, and all three (3) companies were deemed the lowest responsible and responsive Respondent for certain groupings.

JEA intended to award to the lowest respondent for each of the four (4) vehicle groupings of the heavy duty vehicle classes, and suppliers were encouraged to bid multiple groupings for efficiency purposes. In previous years, the four (4) vehicle groupings were purchased through multiple solicitations or through already existing Government contracts, with each year bidding out that respective year's purchase plan. For the Class 133 Cargo Reel Truck units in FY18, the chassis and attachments for the units were separated into separate purchases. In an effort to leverage our requirements and gain department efficiencies, the Fleet Procurement team elected to funnel all of the requirements into a single solicitation for FY19 and an option for FY20. A copy of the proposed award breakout by vehicle grouping is included below.

Vehicle Grouping	Proposed Awardee	Previous Pricing	Proposed FY19 Pricing
Group 1: Class 131 Electric Walk In Van 18 Feet	Orlando Freightliner	\$336,886.00	\$357,628.00
Group 2: Class 131 Water Walk In Van 22 Feet	Orlando Freightliner	\$168,437.00	\$171,672.00
Group 3: Class 133 3T Cargo Reel Truck	Maudlin International Truck & Trailer	\$333,159.00	\$339,177.00
Group 4: Class 135 14 CUYD Dump Truck	Tom Nehl Truck Company	\$266,310.00	\$262,930.00
	Totals	\$1,104,792.00	\$1,131,407.00

When comparing the proposed winning supplier for each respective grouping, to JEA's last price paid for the same vehicles, the JEA's FY19 purchase price is \$26,615.00 higher or a 2.41% cost increase. The BAFO pricing resulted in a combined cost reduction of \$8,472.00. This agreement will be structured for one (1) year with an optional year renewal, with price adjustments only by the vehicle's Manufacturer Suggested Retail Pricing (MSRP). However, if the MSRP increase exceeds the Producer Price Index by Industry: Producer Price Index Heavy Duty Truck Manufacturing: Trucks, Truck Tractors, and Bus Chassis - 14,001 to 33,000 Pounds for Groups one (1) and two (2) and/or the Producer Price Index by Industry: (Producer Price Index Heavy Duty Truck Manufacturing: Trucks, Truck Tractors, and Bus Chassis - 33,001 Pounds or More for Groups three (3) and four (4), JEA will elect to rebid.

Request approval to award a contract to Orlando Freightliner in the amount of \$529,300.00, Maudlin International Truck Company in the amount of \$339,177.00, and Tom Nehl Truck Company in the amount of \$262,930.00, for a combined purchase of eight (8) vehicles within the heavy duty vehicle class categories for a not to exceed amount of \$1,131,407.00, subject to the availability of lawfully appropriated funds.

Manager: Pearson, Kenny – Procurement Category Manager
Director: McCollum, Jenny – Director, Procurement Services
VP: McCarthy, John P. – VP Logistics & Chief Supply Chain Officer

APPROVALS:


_____ 12/20/18
Chairman, Awards Committee **Date**


_____ 12-20-18
Operating Budgets
Manager, Capital-Budget-Planning **Date**



Formal Bid and Award System

Award #9 November 21, 2019

Type of Award Request: RENEWAL
Request #: 6723
Requestor Name: Brunell, Baley – Manager Fleet Services & Business Operations
Requestor Phone: (904) 665-6992
Project Title: JEA FY20 Heavy Duty Dump Truck Vehicle Procurement Acquisition
Project Number: 8005831 & 8005832
Project Location: JEA
Funds: Capital
Budget Estimate: \$775,000.00

Scope of Work:

The purpose of the Agreement was to solicit pricing for the purchase of two (2) heavy-duty dump truck units within class category 135 for the planned and budgeted replacement of JEA's Fleet Water assets and were approved as part of the FY19 Fleet Capital Procurement Plan. In addition, it had estimated volumes for a second year's renewal option for the same assets. This Contract Renewal will be to procure an additional five (5) heavy-duty dump truck units within class category 135 and have approved as part of the FY20 Fleet Capital Procurement Plan as planned and budgeted replacement and expansion of JEA's Fleet Water assets.

This award will positively affect the following JEA Measures of Value:

- **Customer Value:** Ensures JEA can continue to efficiently and effectively operate the water network grid.
- **Community Value:** Minimizes network outages by ensuring a high utilization rate of our Fleet Assets.
- **Financial Value:** Aims to reduce long term operating expenses through replacing older, more inefficient and unreliable equipment.

JEA IFB/RFP/State/City/GSA#: 023-19
Purchasing Agent: Roddy, Colin P.
Is this a ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Vendor Contact	Email	Address	Phone	Amount
TOM NEHL TRUCK COMPANY	Dustin Brigman	dustinbrigman@tomnehl.com	417 Edgewood Ave, S. Jacksonville, FL 32254	(904) 759-9677	\$663,735.00

Amount of Original Award: \$262,930.00
Date of Original Award: 12/20/2018
Contract Renewal Amount: \$663,735.00
New Not-To-Exceed Amount: \$926,665.00
Length of Contract/PO Term: One (1) Year w/ One (1) Year Renewal

Begin Date (mm/dd/yyyy): 10/01/2018
End Date (mm/dd/yyyy): 09/30/2020
Renewal Options: None remaining.
JSEB Requirement: N/A - No JSEBs available

Background/Recommendations:

Originally bid and approved by the Awards Committee on 12/20/2018 to Tom Nehl Truck Company in the amount of \$262,930.00 for the purchase of two (2) fourteen cubic yard heavy-duty dump truck units within class category 135. A copy of the original award is attached as backup.

This request is for a contract increase in the amount of \$663,735.00 to cover the updated vehicle requirements for FY20 and exercising the one (1) year contract renewal remaining on the agreement. Working with the water department, Fleet has identified a need for five (5) fourteen cubic yard heavy-duty dump truck units within class category 135 in order to increase the reliability of the fleet and minimize O&M expense from phasing out high cost units from the fleet. One (1) out of the five (5) will be an expansion purchase to asset portfolio.


Comparing JEA's FY20 pricing to the previous FY19 solicitation for the same vehicle class, JEA's new FY20 purchase price will be 0.98% higher representing a total cost increase of \$6,410.00. This increase is equal to the Manufacturer Suggested Retail Price (MSRP) cost increase of \$1,282.00 per unit for the OEM, and all up-fitting cost increases were absorbed by the vendor. Tom Nehl Truck Company initially requested a cost increase of \$2,001.30, representing a procurement negotiated cost savings of \$719.30 per unit totaling \$3,596.50.

Aerial Truck Type	Project	Project Number	Number of Units	Unit Costs	Total Costs
Class 135 - 14 Cubic Yard Dump Truck	Water Replacement	8005831	4	\$132,747.00	\$530,988.00
Class 135 - 14 Cubic Yard Dump Truck	Water Expansion	8005832	1	\$132,747.00	\$132,747.00
				Totals	\$663,735.00

Request approval to award a contract renewal to Tom Nehl Truck Company in the amount of \$663,735.00, for a new not-to-exceed amount of \$926,665.00, subject to the availability of lawfully appropriated funds.

Manager: Brunell, Baley L. – Mgr Fleet Services & Business Operation
Director: McElroy, Alan D. – Director Operations Support Services
VP: McCarthy, John P. – VP Logistics & Chief Supply Chain Officer

APPROVALS:


_____ 11/21/19

Chairman, Awards Committee

Date


_____ 11/21/19

Manager, Capital Budget Planning

Date



Formal Bid and Award System

Award #7 May 07, 2020

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Request #: 6743
Requestor Name: Smith, Thaliah D. - Contract Specialist
Requestor Phone: (904) 665-8165
Project Title: Generator Rental Agreement
Project Number: HW30141 (line 1007)
Project Location: JEA
Funds: O&M
Budget Estimate: \$2,641,299.00

Scope of Work:

JEA is seeking a partnership with a leading generator rental Company that can provide dedicated portable generator assets for exclusive use by JEA during the six (6) month storm season, from June 1st through November 30th, beginning in 2020 through 2023.

Generators and quantities covered under this partnership are as follows:

- 500 kW – 1 Unit
- 300 kW – 4 Units
- 200 kW – 4 Units
- 100 kW – 56 Units
- 60 kW or 56 kW – 15 Units

JEA IFB/RFP/State/City/GSA#: 015-20

Purchasing Agent: Kruck, Dan R.

Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
AGGREKO LLC	Kevin Hoover	kevin.hoover@aggreko.com	8300 Phillips Hwy 1, Jacksonville, FL 32256	(800) 244-7356	\$2,179,575.54

Amount for entire term of Contract/PO: \$2,179,575.54

Award Amount for remainder of this FY: \$484,350.12

Length of Contract/PO Term: Three (3) Years w/Two (2) – 1 Yr. Renewals

Begin Date (mm/dd/yyyy): 06/01/2020

End Date (mm/dd/yyyy): 11/30/2023

Renewal Options: Yes - Two (2) – 1 Yr. Renewals

JSEB Requirement: N/A - Optional

BIDDERS:

Name	First Round	BAFO	Rank
AGGREKO LLC	\$2,412,032.94	\$2,179,575.54	1
SUNBELT RENTALS	\$2,324,160.00	\$2,324,160.00	2
AMERICAN SPOT COOLING & POWER RENTAL	\$3,148,200.00	N/A	N/A
RING POWER CORPORATION	\$6,095,568.96	N/A	N/A

Background/Recommendations:

Advertised on 01/27/2020. Three (3) companies attended the optional pre-response meeting held on 02/05/2020. At response opening on 03/03/2020, JEA received four (4) responses. Aggreko LLC and Sunbelt Rentals were short-listed and invited to submit Best and Final Offers (BAFOs). JEA evaluated the companies on price only and Aggreko LLC is deemed the lowest responsive and responsible respondent. A copy of the Response Form and Workbook are attached as backup.

This generator agreement is to provide emergency generators at various Water/Wastewater locations throughout JEA's service territory during hurricane season. These generators are to help prevent sanitary sewer overflows (SSOs) during a power outage. The Company shall perform all maintenance activities including Preventative Maintenance (PM) during the contract term, including during times of activation. Fuel management for generator assets, while in active use, shall be supplied and managed by JEA. All units will be initially issued with a full tank of fuel. Remote monitoring/telemetry shall be provided by the Company. JEA staff has inspected the generators and remote monitoring/telemetry capabilities of Aggreko LLC and deemed them responsive to JEA's requirements.

All units shall be staged at sites within JEA service territory starting June 1st, and shall be available for use 24/7. Once JEA deems an event is occurring, each grid site (Cedar Bay, Southwest, Mandarin and Arlington East, Blacks Ford, or other sites within JEA's service territory) will have a Company technician onsite 24 hours prior to deployment for inspection and maintenance. Maintenance will be required twice a month on all equipment. During the deployment period, reporting of certain functions (fuel/battery/location/runtimes) will be required. Reporting during a storm event will be required twice a day. Reporting during non-storm periods of the deployment will be required on a monthly basis.

The award amount of \$2,179,575.54 is approximately 17.5% lower than the estimate due to reducing the number of generators requested. The number of generators was able to be reduced due to the purchase of JEA-owned generators in the last year. The average price per generator from the current contract to this contract has increased by approximately 3.1%. JEA only asked for a lump sum bid amount during the previous contract making comparison of generator pricing difficult due to the different quantities and sizes of generators included in this solicitation. BAFO negotiations resulted in a price reduction of \$144,584.46. The contract pricing is fixed throughout the initial term of the contract. Budget will be reduced to match the award amount.

Procurement tracks two different types of savings. The total cost difference compares 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: (\$66,537.52)
- Total sourcing savings: \$144,584.46 (BAFO reduction)

015-20 – Request approval to award a three year contract to Aggreko LLC for goods and services for Generator Rentals in the amount of \$2,179,575.54, subject to the availability of lawfully appropriated funds.

Manager: Domingo, Oliver C. – W/WW Program Manager
Director: Conner, Sean M. - Dir W/WW Project Engineering & Construction
VP: Calhoun, Deryle I. Jr. - VP/GM Water Wastewater Systems

APPROVALS:

 _____ 05/07/2020

Chairman, Awards Committee **Date**

 _____ 5/7/2020

Budget Representative **Date**

Addendum 2 - RESPONSE FORM
015-20 Generator Rental Agreement

Submit a scanned copy to krucdr@jea.com

Company Name: Aggreko L.L.C.

Company's Address 8300 Philips Hwy 1, Jacksonville, FL 32256

State of Florida General Contractor License Number _____

Phone Number: 1-800-AGGREKO FAX No: _____ Email Address: kevin.hoover@aggreko.com

BID SECURITY REQUIREMENTS <input checked="" type="checkbox"/> None required <input type="checkbox"/> Certified Check or Bond (Five Percent (5%) of Total Bid Price)	TERM OF CONTRACT <input type="checkbox"/> One Time Purchase <input type="checkbox"/> Other, Specify - Project Completion <input checked="" type="checkbox"/> Term Requirements – 3 Years (6 month per year), w/ 2 optional renewals
--	---

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 checked="" type="checkbox"/> None required <input type="checkbox"/> Bond required 100% of Bid Award
---	--

QUANTITIES <input checked="" type="checkbox"/> Quantities indicated are exacting <input 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 Other _____
 2% 10, net 30 None Offered

Enter Your BAFO Response for ITN# 015-20 Generator Rental Agreement	
TOTAL BAFO RESPONSE PRICE (transfer from cell J9 in Response Workbook)	\$ 2,179,575.54

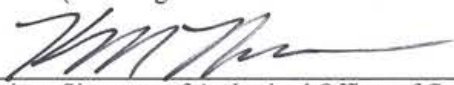
I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

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 _____


 Handwritten Signature of Authorized Officer of Company or Agent 3/16/2020
Date

Kevin M. Hoover Sales Engineer
 Printed Name and Title

015-20 Addendum 2 BAFO - Response Workbook									
Item	Description	Quantity (Units)	Unit Timeline	Price/Month	Maximum Combined Weight Per Unit	Inventory Location	Annual Timeline (Months)	Contract Term (Years)	Total Price
1	300 kW Generator	4	Month	\$ 3,802.23	16755	Jacksonville	6	3	\$ 273,760.56
2	200 kW Generator	4	Month	\$ 2,571.40	12626	Jacksonville	6	3	\$ 185,140.80
3	100 kW Generator	56	Month	\$ 1,362.00	9346	Jacksonville	6	3	\$ 1,372,896.00
4	60 kW or 56 kW Generator	15	Month	\$ 872.45	4200	Jacksonville	6	3	\$ 235,561.50
5	500 kW Generator	1	Month	\$ 6,234.26	32547	Jacksonville	6	3	\$ 112,216.68

Response Total	\$ 2,179,575.54
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Excess Hour Pricing (>1000 Hours)				
Item	Description	Quantity	Unit	Price
1	300 kW Generator	1	Hour	\$ 24.75
2	200 kW Generator	1	Hour	\$ 20.50
3	100 kW Generator	1	Hour	\$ 10.75
4	60 kW Generator or 56 kW	1	Hour	\$ 7.05
5	500 kW Generator	1	Hour	\$ 36.25



Formal Bid and Award System

Award #8 May 7, 2020

Type of Award Request: BID (IFB)
Request #: 6777
Requestor Name: McDermet, David S.
Requestor Phone: (904) 665-4626
Project Title: Gate Parkway to Burnt Mill Road-Reclaimed Water Main
Project Number: 8004844
Project Location: JEA
Funds: Capital
Budget Estimate: \$3,523,847.00

Scope of Work:

The project consists of the installation of approximately 5,745 feet of 10-inch PVC, 2,950 feet of 8-inch PVC, and 60 feet of 4-inch PVC reclaimed water main, and reclaimed water irrigation services along Gate Parkway, between Deerwood Park Blvd and south of Burnt Mill Road in Duval County. This will provide reclaimed water to existing customers who currently use potable water for their irrigation needs to convert to reclaimed water, and to provide connections for future customers along the Gate Parkway corridor. In addition, this project will provide a connecting loop with the existing 20-inch reclaimed transmission main, increasing both supply and delivery pressure to businesses located at the terminus of an existing 12-inch reclaimed water main.

JEA IFB/RFP/State/City/GSA#: 034-20
Purchasing Agent: King, David
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
CALLAWAY CONTRACTING, INC.	Jeremy Isbell	jeremy@callawaycontracting.com	10950 New Berlin Road, Jacksonville, FL 32226	(904) 751-8944	\$2,327,395.00

Amount for entire term of Contract/PO: \$2,327,395.00
Award Amount for remainder of this FY: \$550,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 06/18/2020
End Date (mm/dd/yyyy): Project Completion (Expected: June 2021)
JSEB Requirement: Ten Percent (10%) Goal

Comments on JSEB Requirements:

Donna J. Hamilton, Inc. (Pipe, Valves and Fittings) – 10%
 Legacy Engineering, Inc. (Geotechnical Testing) – 1%

BIDDERS:

Name	Amount
CALLAWAY CONTRACTING, INC	\$2,327,395.00
PETTICOAT-SCHMITT CIVIL CONTRACTORS, INC.	\$2,469,000.00
JAX UNDERGROUND UTILITIES	\$2,547,113.52
T.G. UTILITY COMPANY, INC.	\$2,677,000.00
T B LANDMARK CONSTRUCTION	\$2,686,428.00
J. B. COXWELL CONTRACTING	\$3,064,394.00
GRIMES UTILITIES, INC.	\$3,153,300.00
BESCH & SMITH	\$3,389,439.53
JAX UTILITIES MANAGEMENT	\$3,391,730.00
UNITED BROTHERS	\$3,580,412.10

Background/Recommendations:

Advertised on 03/17/2020. Sixteen (16) prime contractors attended the mandatory pre-bid meeting held on 03/24/2020. At Bid opening on 04/28/2020, JEA received ten (10) Bids. Callaway Contracting, Inc. is the lowest responsible Bidder. A copy of the Bid Form and Workbook are attached as backup.

The award amount of \$2,327,395.00 is approximately thirty-four percent (34%) lower than the current budget estimate due primarily to a lower unit cost for the pipe material and installation, reductions in unit costs for pipe fittings, valves, other appurtenances, paving mill & resurfacing and paving repair; and is deemed reasonable.

The project details are below:

- Project Budget at time of Bid (100% Design): \$3,910,056.00
 - Engineering Budget (Firm: J Collins Engineering Associates, CPA 154587): \$193,540.00
 - Construction Budget: \$3,523,847.00
 - Internal JEA Costs: \$192,669.00
- Estimate at Completion: \$2,900,906.00
 - Engineering Budget: \$193,540.00
 - Construction Budget: \$2,327,395.00 (**This Award**)
 - Internal JEA Costs: \$379,971.00
- Original Project Schedule:
 - Engineering Completion: December 2019
 - Construction Completion: February 2021
- Revised Schedule:
 - Engineering Completion: November 2019
 - Construction Completion: June 2021


Major Changes/Issues

The Internal JEA Costs have increased primarily due to the need for a full-time inspector for one year, which was not anticipated during design phase. In addition, the project management costs increased to reflect charges to date.

034-20 – Request approval to award a contract to Callaway Contracting, Inc. for construction services for the Gate Parkway to Burnt Mill Road-Reclaimed Water Main project in the amount of \$2,327,395.00, subject to the availability of lawfully appropriated funds.

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

APPROVALS:

 _____ 05/07/2020 _____

Chairman, Awards Committee **Date**

 _____ 5/7/2020 _____

Budget Representative **Date**

Addendum 2 Appendix B - Bid Form
034-20 Gate Parkway to Burnt Mill Road-Reclaimed Water Main

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: Callaway Contracting, Inc.
 Company's Address: 10950 New Berlin Road; Jacksonville, FL 32226
 License Number: CGC009273 / CUC050627
 Phone Number: 904-751-8944 FAX No: 904-751-0940 Email Address: jeremy@callawaycontracting.com

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
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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 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 SOLICITATION 034-20	TOTAL BID PRICE
Total Bid Price for the Project (enter total from cell G54 in the Bid Workbook)	\$ 2,327,395.00

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 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 _____ through _____
1 through 5



 Handwritten Signature of Authorized Officer of Company or Agent

 Date

 Jeremy Isbell - Vice President
 Printed Name and Title

Addendum 2 Appendix B - Bid Workbook
034-20 Gate Parkway to Burnt Mill Rd - Reclaimed Water Main
(Enter data in yellow cells only)

M&P/Spec No. *	ITEM No.	ITEM DESCRIPTION	Total Est Quantity	Units	Unit Cost	Total Cost
801.IV.5	1	A-3 Soil as Backfill	30	CY	\$ 45.04	\$ 1,351.20
801.VIII	2	Grassing	226	SY	\$ 14.67	\$ 3,315.42
801.IX.1	3	Pavement Removal (COJ)	5730	SY	\$ 12.50	\$ 71,625.00
801.IX.2	4	Paving Repair - Cross Cuts and Patches - Asphalt (COJ)	5730	SY	\$ 32.97	\$ 188,918.10
801.IX.2	5	Paving Repair - Cross Cuts and Patches - Base (COJ)	5730	SY	\$ 36.33	\$ 208,170.90
801.IX.6	6	Existing Pavement - Milling & Resurfacing (COJ)	45200	SY	\$ 12.36	\$ 558,672.00
801.IX.7	7	Traffic Loops	7	EA	\$ 1,070.18	\$ 7,491.26
801.X.1	8	Remove Concrete Sidewalk (COJ)	18	SY	\$ 61.39	\$ 1,105.02
801.X.3	9	Remove Curb and Gutter (COJ)	135	LF	\$ 8.19	\$ 1,105.65
801.X.4	10	Replace Concrete Sidewalk (COJ)	34	SY	\$ 116.53	\$ 3,962.02
801.X.6	11	Replace Curb and Gutter (COJ)	135	LF	\$ 37.03	\$ 4,999.05
801.XXIII.2	12	20" x 10" Tapping Sleeve & Valve	1	EA	\$ 9,398.82	\$ 9,398.82
801.XXII.6	13	20" Pipe Bell Restrained Joint (expose exist. pipe)	4	EA	\$ 2,754.14	\$ 11,016.56
801.XXII.1	14	8" PVC DR18 Pipe (C900)	2950	LF	\$ 66.09	\$ 194,965.50
801.XXII.1	15	10" PVC DR18 Pipe (C900)	5745	LF	\$ 69.57	\$ 399,679.65
801.XXII.2	16	8" Solid Sleeve 12" Length CLDI C153 CL 350 Mech Jt	2	EA	\$ 596.95	\$ 1,193.90
801.XXII.2	17	8" 11.25 Deg EL CLDI C153 CL 350 Mech Jt	3	EA	\$ 377.79	\$ 1,133.37
801.XXII.2	18	10" 11.25 Deg EL CLDI C153 CL 350 Mech Jt	17	EA	\$ 513.57	\$ 8,730.69
801.XXII.2	19	10" 22.5 Deg EL CLDI C153 CL 350 Mech Jt	2	EA	\$ 513.57	\$ 1,027.14
801.XXII.2	20	8" 45 Deg EL CLDI C153 CL 350 Mech Jt	67	EA	\$ 576.79	\$ 38,644.93
801.XXII.2	21	10" 45 Deg EL CLDI C153 CL 350 Mech Jt	67	EA	\$ 704.50	\$ 47,201.50
801.XXII.2	22	8" 90 Deg EL CLDI C153 CL 350 Mech Jt	2	EA	\$ 406.02	\$ 812.04
801.XXII.2	23	10" 90 Deg EL CLDI C153 CL 350 Mech Jt	3	EA	\$ 556.59	\$ 1,669.77
801.XXII.2	24	8"x 4" Tee DI MJ CI350	1	EA	\$ 543.83	\$ 543.83
801.XXII.2	25	10"x 4" Tee DI MJ CI350	4	EA	\$ 689.02	\$ 2,756.08
801.XXII.2	26	8"x 8" Tee DI MJ CI350	1	EA	\$ 608.36	\$ 608.36
801.XXII.2	27	10"x 10" Tee DI MJ CI350	4	EA	\$ 810.01	\$ 3,240.04
801.XXII.2	28	8" Plug/Cap DI MJ CI350	2	EA	\$ 279.66	\$ 559.32
801.XXII.2	29	10" Plug/Cap DI MJ CI350	1	EA	\$ 326.71	\$ 326.71
801.XXII.2	30	10"x 8" Red DI MJ CI350	2	EA	\$ 432.91	\$ 865.82
801.XXII.6	31	8" Pipe Bell Restrained Joint	84	EA	\$ 171.42	\$ 14,399.28
801.XXII.6	32	10" Pipe Bell Restrained Joint	156	EA	\$ 227.88	\$ 35,549.28
801.XXIII.1	33	8" Gate Valve Mech Jt. with Box and Cover	8	EA	\$ 1,595.78	\$ 12,766.24
801.XXIII.1	34	10" Gate Valve Mech Jt. with Box and Cover	14	EA	\$ 2,245.09	\$ 31,431.26
801.XXIII.4	35	Connect to Existing 8" Pipe	3	EA	\$ 2,113.65	\$ 6,340.95
801.XXII.1	36	4" PVC DR18 Pipe (C900)	60	LF	\$ 34.89	\$ 2,093.40
801.XXII.6	37	4" Pipe Bell Restrained Joint	5	EA	\$ 131.09	\$ 655.45
801.XXIII.1	38	4" Gate Valve Mech Jt. with Box and Cover	5	EA	\$ 856.37	\$ 4,281.85
801.XXII.2	39	4" Plug DI C153 CL 350 Mech Jt	5	EA	\$ 252.77	\$ 1,263.85
801.XXIII.5	40	2" Flushing Valve Below Grade (JEA Std Plate W-28)	3	EA	\$ 2,561.12	\$ 7,683.36
801.XXII.8	41	1.5" RW Service Line	2	EA	\$ 2,904.11	\$ 5,808.22
801.XXII.8	42	2" RW Service Line	5	EA	\$ 3,220.34	\$ 16,101.70
**921	43	Landscaping Removal and Restoration	1	LS	\$ 8,189.05	\$ 8,189.05
**2.13.8	44	Testing Allowance	1	LS	\$ 15,000.00	\$ 15,000.00
801.XXII.1	45	Law Enforcement Allowance	1	LS	\$ 35,000.00	\$ 35,000.00
**2.17.5	46	SWA (Supplemental Work Authorization)	1	LS	\$ 150,000.00	\$ 150,000.00
SUBTOTAL						\$ 2,121,653.54
*** 902. GENERAL CONDITIONS LUMP SUM (MAX 10% OF SUBTOTAL)						\$ 205,741.46
TOTAL BID PRICE (transfer this number to TOTAL BID PRICE line in Addendum 2 Appendix B Bid Form)						\$ 2,327,395.00

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

** Reference found in this solicitation

*** Refer to Appendix A Technical Specifications



Formal Bid and Award System

Award #9 May 7, 2020

Type of Award Request: MISCELLANEOUS
Request #: 6820
Requestor Name: Connolly, Eileen M. - Real Estate Coordinator
Requestor Phone: 904-665-4325
Project Title: Beverly Hills East Septic Tank Phase Out Land Acquisition
Project Number: 8006200
Project Location: JEA
Funds: Capital
Budget Estimate: N/A

Scope of Work:

JEA intends to acquire land located at 1661 Ribault Scenic Drive to construct a lift station to support the Beverly Hills East Septic Tank Phase Out project in the area.

This project will positively affect JEA Measures of Value:

- Customer Value – To provide a reliable sewer system to new customers by providing the lift station in the area to help facilitate the removal of their septic tanks.
- Community Value - To improve the quality of life by installing a new sewer system, complete with a lift station to serve the entire neighborhood that will help facilitate the removal of septic tanks for new customers in the area.
- Environmental Value – To improve the quality of life by removing the septic tanks in the area, especially properties adjacent to the St. Johns River.
- Financial Value – This project will provide revenue through sales of new sewer connections.

JEA IFB/RFP/State/City/GSA#: N/A
Purchasing Agent: Selders, Elaine
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Address	Amount
DAMON WOOLBRIGHT	7572 Holiday Road South, Jacksonville, FL 32216	\$142,000.00

Amount for entire term of Contract/PO: \$142,000.00
Award Amount for remainder of this FY: \$142,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 05/14/2020
End Date (mm/dd/yyyy): Project Completion
JSEB Requirement: N/A
Background/Recommendations:

The JEA Procurement Code Exemptions in Section 2-201 includes purchases of Real Estate. The Real Estate Services Procurement Directive requires Awards Committee approval for Real Estate purchases of \$50,000.00 to \$500,000.00.

This award is for a Real Estate acquisition to support the Beverly Hills East Septic Tank Phase Out project. This is one (1) of two (2) sites identified by England, Thims and Miller (ETM) during their engagement as the design engineer for the Beverly Hills Septic Tank Project. Both properties were ideal locations in that they would allow for only one (1) pump station for the entire project as opposed to two (2) pump station sites, resulting in projected cost savings of \$400,000.00 to the total project cost. The elevation at the recommended site located at 1661 Ribault Scenic Drive is at the lowest point in the neighborhood, making it ideal for construction and the overall reliability of the sewer system. It should be noted that the other site identified by ETM had environmental issues and the property owner was not willing to sell.


The seller's original asking price was \$159,000.00. JEA has negotiated a purchase price of \$142,000.00 with the seller for the site as outlined in the purchase agreement. JEA received an appraisal in the amount of \$90,000.00; however, the owner received an appraisal in the amount of \$135,000.00. The seller's appraisal placed heavy emphasis on a recent neighborhood sale from January 2020 and inspection of the interior of property resulting in \$135,000.00 value. The difference between the purchase amount and the appraised value is consistent with JEA's cost avoidance procedures related to real property transactions where condemnation and additional project costs are mitigated.

The property appraisal, purchase agreement and survey map have been attached as back up.

Request approval to purchase the property located at 1661 Ribault Scenic Drive from Damon Woolbright, to construct a lift station to support the Beverly Hills East Septic Tank Phase Out project in the amount of \$142,000.00, subject to the availability of lawfully appropriated funds.

Director: Pope, Jordan A. - Dir Economic Development and Real Estate
VP: McNall, Steven G. - VP & Chief Energy & Water Planning

APPROVALS:

 05/07/2020

Chairman, Awards Committee **Date**

Budget Representative **Date**

 5/7/2020

March 5, 2020

Ms. Kierstyn Jennings
Real Estate Acquisition
JEA
21 West Church St., CC-6
Jacksonville, Florida 32202

RE: Appraisal of: Beverly Hills Project Site
1661 Ribault Scenic Drive
Jacksonville, Duval County, Florida 32208
CBRE, Inc. File No. 20-341SE-0472-2

Dear Ms. Jennings:

At your request and authorization, CBRE, Inc. has prepared an appraisal of the market value of the referenced property. Our analysis is presented in the following Appraisal Report.

The subject is a 1,565-square foot, one-story, single-family residence located at 1661 Ribault Scenic Drive in Jacksonville, Florida. The improvements were constructed in 1950, renovated in 2019 and are situated on a 0.25-acre site.

Based on the analysis contained in the following report, the market value of the subject is concluded as follows:

MARKET VALUE CONCLUSION			
Appraisal Premise	Interest Appraised	Date of Value	Value Conclusion
As Is	Fee Simple Estate	February 20, 2020	\$90,000

Compiled by CBRE

The report, in its entirety, including all assumptions and limiting conditions, is an integral part of, and inseparable from, this letter.

The following appraisal sets forth the most pertinent data gathered, the techniques employed, and the reasoning leading to the opinion of value. The analyses, opinions and conclusions were developed based on, and this report has been prepared in conformance with, the guidelines and recommendations set forth in the Uniform Standards of Professional Appraisal Practice (USPAP), and the requirements of the Code of Professional Ethics and Standards of Professional Appraisal Practice of the Appraisal Institute.

Ms. Kierstyn Jennings

March 5, 2020

Page 2

The intended use and user of our report are specifically identified in our report as agreed upon in our contract for services and/or reliance language found in the report. As a condition to being granted the status of an intended user, any intended user who has not entered into a written agreement with CBRE in connection with its use of our report agrees to be bound by the terms and conditions of the agreement between CBRE and the client who ordered the report. No other use or user of the report is permitted by any other party for any other purpose. Dissemination of this report by any party to any non-intended users does not extend reliance to any such party, and CBRE will not be responsible for any unauthorized use of or reliance upon the report, its conclusions or contents (or any portion thereof).

It has been a pleasure to assist you in this assignment. If you have any questions concerning the analysis, or if CBRE can be of further service, please contact us.

Respectfully submitted,

CBRE - VALUATION & ADVISORY SERVICES



Nick Chop, MAI, R/W-AC
Director – Southeast Division
Right of Way Practice Leader
Cert Gen RZ2660
Phone: +1 9043672011
Email: Nick.Chop@cbre.com

SUBJECT INFORMATION	Subject Address	1661 Ribault Scenic Dr
	Legal Description	21-77 39-1S-26E LAKE FOREST HILLS UNIT 1 LOT 15 BLK 3
	City	Jacksonville
	County	Duval
	State	FL
	Zip Code	32208
	Census Tract	0163.00
	Map Reference	024521
PRICE & DATE	Contract Price	\$
	Date of Contract	
PARTIES	Borrower	To Be Determined
	Client	Antonio Spence
DESCRIPTION OF IMPROVEMENTS	Size (Square Feet)	1,565
	Price per Square Foot	\$
	Location	N;Res;
	Age	70
	Condition	C2
	Total Rooms	6
	Bedrooms	3
	Baths	2.0
APPRAISER	Appraiser	Larry Jones State Certified RES Appraiser
	Effective Date of Appraisal	04/08/2020
VALUE	Opinion of Value	\$ 135,000

Project: Beverly Hills East STPO
RE Parcel #: 024521-0000

PURCHASE AGREEMENT
(Fee Simple)

THIS PURCHASE AGREEMENT (“Agreement”) is made and entered as of the date on which the latter of the parties hereto executes this Agreement (the “Effective Date”) by and between **JEA**, a body politic and corporate (“Buyer”), and **Damon Woolbright**, an unmarried man (“Seller”).

W I T N E S S E T H:

In consideration of the mutual undertakings of the parties set forth in this Agreement and of other valuable considerations, the receipt and sufficiency of which the parties hereby acknowledge the parties hereby agree as follows:

1. General Outline of Transaction. Seller is the owner in fee simple of that certain tract of land located in Duval County, Florida described on Exhibit A attached hereto and made a part hereof, together with all appurtenances, hereditaments and improvements located thereon (the “Property”). Buyer intends to purchase the Property from Seller, together with all of Seller’s development rights, permits, approvals, and other rights or privileges pertaining to the Property, upon the terms and conditions hereafter set forth.

2. Purchase Price and Earnest Money.

a. Purchase Price. Under the terms of this Agreement, Seller hereby agrees to sell, assign and convey the Property to Buyer and Buyer agrees to pay for and purchase the Property from Seller. In consideration of the conveyance of the Property from Seller to Buyer, Buyer shall pay to Seller at Closing, as hereinafter defined, an amount equal to \$142,000.00 (the “Purchase Price”), plus or minus net adjustments as set forth in this Agreement.

b. Earnest Money. Within ten (10) business days after Buyer and Seller have executed this Agreement, Buyer shall deliver to Edwards Cohen, as escrow agent (“Escrow Agent”), by cashier’s check or wired funds, a deposit in an amount equal to \$2,000.00 (the “Earnest Money”), to be deposited by the Escrow Agent in an IOTA trust account. If the sale of the Property is consummated pursuant to the terms of this Agreement, the Earnest Money shall be paid to Seller and applied to the payment of the Purchase Price.

3. Survey, Title, Buyer’s Review, Environmental Reports and Inspection.

a. Survey. Buyer shall within ten (10) days after the Effective Date, at Buyer’s cost and expense, obtain a boundary survey of the Property (the “Survey”), prepared by a licensed Florida land surveyor.

b. Title. Buyer shall within thirty (30) days after the Effective Date, at Buyer’s cost and expense, obtain an owner’s title insurance commitment issued by a licensed title insurance company (“Title Insurer”), committing to insure Buyer’s fee simple title to the Property in the total amount of the Purchase Price (“Commitment”). The Commitment shall show Seller to have good and insurable title to the Property, in fee simple, and free and clear of all liens and encumbrances except taxes for the year of conveyance and subsequent years. The policy, when issued, shall insure in Buyer good and insurable title to the Property, in fee simple, free and clear of all liens and encumbrances, subject to such other matters appearing in the Commitment which

Buyer has approved or accepted as title exceptions under Section 3(c).

c. Buyer's Review. Buyer shall have ten (10) days after receipt of the Commitment and Survey, whichever is received last, in which to examine the Survey and Commitment and to determine the nature of any defects in title to the Property and in those matters or facts disclosed by the Survey. If either the Commitment or Survey reveals any encroachments, overlaps, easements, restrictions, covenants, conditions, liens, encumbrances, other title defects, or other matters that are unacceptable to Buyer, Buyer shall give written notice to Seller of such defects prior to the expiration of the said ten (10) day period, and Seller shall have the right, but no obligation to remedy or remove any such objectionable matters prior to the Closing Date. If Seller does not, prior to the Closing Date, cure such defects of which it has been notified, Buyer may, at its option, either (i) terminate this Agreement upon written notice to Seller and the parties shall thereafter be relieved of all further obligations under this Agreement which do not specifically survive its termination, and the Earnest Money shall be returned to Buyer; or (ii) accept the uncured defects and take title as it then exists without reduction in the Purchase Price.

d. Environmental Reports. Buyer may within thirty (30) days after the Effective Date, at Buyer's cost and expense, obtain a Phase I environmental site assessment with respect to the Property, which meets the standard of practice of the American Society of Testing Materials. Buyer shall use the services of a competent, professional consultant with expertise in the environmental site assessing process. If the Findings and Conclusions section of the Phase I environmental site assessment reports evidence of recognized environmental conditions, then, at Buyer's option, a Phase II environmental site assessment shall be performed, at Buyer's cost and expense, to address any suspicions raised in the Phase I environmental site assessment and to confirm the presence of contaminants on the Property. If, after review of the environmental site assessment(s), Buyer, in its sole discretion, determines the Property is not acceptable, Buyer shall have the right to terminate this Agreement by written notice to Seller within thirty (30) days after receipt by Buyer of the last environmental site assessment performed, whereupon the parties shall be relieved of all further obligations under this Agreement which do not specifically survive its termination, and the Earnest Money shall be returned to Buyer.

e. Inspection. Buyer and its agents shall, at their own risk and expense, at any time prior to Closing, have the right and privilege to enter upon any portion of the Property to inspect, examine, survey and otherwise perform or conduct such tests, inspections, studies, audits, or other evaluations as Buyer may deem necessary in conjunction with Buyer's acquisition of the Property, including, but not limited to, final determination of wetlands, environmental testing, and an engineering feasibility study which may include topographic surveys, core borings, soil test pits and load bearing tests, as may be required by Buyer to determine the physical characteristics of the substrata of the Property. Following Buyer's inspection of the Property, Buyer shall restore the Property to its original condition, normal wear and tear excepted. Subject to the provisions and limitations of Section 768.28, Florida Statutes, which are neither waived, expanded, or altered hereby, Buyer shall indemnify and hold Seller harmless from and against any and all claims, costs, expenses and damages to persons and/or property incurred by, through, or out of the Buyer's entry and inspections on the Property, unless caused by preexisting conditions of the Property or Seller's negligence. Seller shall deliver to Buyer, within thirty (30) days of the Effective Date, copies of all engineering studies, zoning information, soil investigations and reports, water and sewer studies, topographic maps, platting materials, site plans, permits, approvals, if any, and applications for permits and approvals, and any other materials presently in existence concerning the Property which materials will be returned by Buyer if this Agreement does not close. Seller acknowledges that Buyer may conduct its own investigation regarding the Property and the accuracy of any representations and warranties of Seller contained herein. Seller authorizes Buyer to consult with Seller's attorneys, engineers, surveyors and other agents pertaining to the Property and, at Buyer's expense, to consult those governmental agencies having jurisdiction over approvals or permits relating to the Property.

If any inspections disclose matters unsatisfactory to Buyer in Buyer's sole and absolute discretion, Buyer may cancel this Agreement and, if such cancellation occurs on or before thirty (30) days after the Effective Date ("Inspection Period"), receive a refund of the Earnest Money. In the event that Buyer does not terminate this Agreement prior to the end of the Inspection Period, then the Earnest Money shall be deemed non-refundable to Buyer (but fully applicable against the Purchase Price) unless this Agreement is terminated under the following circumstances (each, a "Refundability Event"):

i. Seller defaults hereunder and Buyer elects to terminate this Agreement and receive the return of the Earnest Money in accordance with Section 6;

ii. the title defects and objections of Buyer are not removed by Seller in accordance with Section 3 and Buyer elects to terminate this Agreement and receive the return of the Earnest Money in accordance with Section 3;

iii. there is a condemnation or casualty with respect to the Property and Buyer elects to terminate this Agreement and receive the return of the Earnest Money in accordance with Section 5;

iv. Buyer determines the Property is not acceptable after review of environmental site assessments and Buyer elects to terminate the Agreement and receive a return of the Earnest Money pursuant to Section 3(d); or

v. in the event there is any material adverse environmental condition of the Property arising subsequent to the Inspection Period, but prior to the Closing.

4. Deed of Conveyance. Seller shall convey to Buyer good and insurable title to the Property in fee simple by transferable and recordable fee simple special warranty deed, free and clear of all liens and encumbrances, except such matters appearing in the Commitment which Buyer has approved or accepted as title exceptions.

5. Casualty and Eminent Domain. Risk of any casualty to or loss of the Property occurring prior to Closing shall be borne by Seller. Notwithstanding the foregoing, if all or any portion of the Property or access thereto shall be damaged by fire or other casualty or taken by public authority, or notice of such proposed taking be obtained prior to the Closing Date, then Seller shall provide immediate written notice thereof to Buyer and, at Buyer's option, (i) this Agreement shall terminate and the parties shall be relieved of all further obligations under this Agreement which do not specifically survive its termination and the Earnest Money shall be returned to Buyer, or (ii) Buyer may consummate the sale, pay the full Purchase Price and have assigned to it all claims and right of recovery for such casualty or taking. Buyer shall make election in writing within ten (10) days after Seller shall have notified Buyer in writing of such taking or proposed taking or casualty damage and the Closing shall be extended if necessary to accommodate this notice period.

6. Default and Remedies.

a. Notice of Default. In the event either party is in default of any provision hereof, the non-defaulting party, as a condition precedent to the exercise of its remedies, shall be required to give the defaulting party written notice of the same. The defaulting party shall have ten (10) business days from the receipt of such notice to cure the default. If the defaulting party timely cures the default, the default shall be deemed waived and this Agreement shall continue in full force and effect. If the defaulting party does not timely cure such default, the non-defaulting party shall be entitled to pursue its remedies as set forth in this Section 6 below, as applicable.

b. Remedies of Seller. If Buyer shall default in the performance of any of the

terms and conditions of this Agreement, or if the Closing shall not occur through the fault of Buyer, Seller shall as its sole remedy, retain the Earnest Money as liquidated damages and this Agreement shall be canceled.

c. Remedies of Buyer. If Seller shall default in the performance of any of the terms and conditions of this Agreement, or if the Closing shall not occur through the fault of Seller, Buyer may terminate this Agreement in which case the Escrow Agent is irrevocably instructed to return the Earnest Money to Buyer, and Buyer may also recover from the Seller any and all reasonable expenses paid or incurred by Buyer in connection with this Agreement, and this Agreement shall be canceled. In the alternative, Buyer may pursue any other legal or equitable remedies available to Buyer including, but not limited to, specific performance.

7. Real Estate Commission. Seller has enlisted the services of Antonio Spence, Watson Realty Corp. ("Listing Broker") in connection with this Agreement and the transaction contemplated herein. In the event of the Closing of the purchase of the Property pursuant hereto, Listing Broker shall receive a commission from Seller pursuant to separate agreement between Seller and Listing Broker. Such commission shall be paid from the net proceeds due Seller so that Buyer shall not be responsible for paying any sums in excess of the Purchase Price for this fee or commission. Both parties represent that no other broker is involved in this Agreement and each party agrees to indemnify the other against brokerage commission claims arising out of the indemnifying party's actions. This indemnification shall survive the Closing of the Property or the termination of this Agreement.

8. Seller's Representations and Warranties. Seller hereby represents and warrants that as of the date hereof:

a. Seller has no knowledge of any violations of city, county, state, federal, building, land use, fire, health, safety, environmental, hazardous materials or other governmental or public agency codes, ordinances, regulations, or orders with respect to the Property, or any lands adjacent to the Property.

b. No litigation is pending, threatened or likely with respect to the Property, Seller's interest therein, or which would inhibit Buyer obtaining clear title to the Property.

c. There are no unrecorded leases, arrangements, agreements, understandings, options, contracts, or rights of first refusal affecting or relating to the Property in any way.

d. The individual signing this Agreement on behalf of Seller has the authority to bind the Seller to the agreements set forth herein.

e. Seller has not, and has no knowledge of any other person who has caused any release, threatened release, or disposal of any hazardous material at the Property in material quantity; to the knowledge of the Seller, the Property is not adversely affected by any release, threatened release, or disposal of a hazardous material originating or emanating from any other property;

f. To the best of Seller's knowledge, the Property does not contain and has not contained any: (i) underground storage tank; (ii) material amounts of asbestos containing building material; (iii) any landfills or dumps; (iv) hazardous waste management facility as defined pursuant to the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §6901, *et. seq.* (RCRA) or any comparable state law; or (v) a site on or nominated for the National Priority List promulgated pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended, 42 U.S.C. §9601, *et. seq.* (CERCLA) or any state remedial priority list promulgated or published pursuant to any comparable state law;

g. Seller has not used a material quantity of any hazardous material on the

Property and has conducted no hazardous material activity at the Property;

h. To the best of Seller's knowledge, Seller has no material liability for response or corrective action, natural resource damage, or other harm pursuant to CERCLA, RCRA, or any comparable state law; to the best of Seller's knowledge, Seller is not subject to, has no notice or knowledge of, and is not required to give any notice of any environmental claim involving the Seller or the Property; to the best of Seller's knowledge, there are no conditions or occurrences at the Property which could reasonably be anticipated to form the basis for an environmental claim against the Seller or the Property;

i. The Property is not subject to any, and the Seller has no knowledge of any imminent restriction on the ownership, occupancy, use, or transferability of the Property in connection with any (i) environmental law or (ii) release, threatened release, or disposal of a hazardous material.

j. The representations and warranties contained in this Section 8 shall be true and correct as of the Closing Date and shall survive the Closing.

9. Closing. The consummation of the transaction contemplated hereby for the purchase of the Property (the "Closing") shall take place on or before forty-five (45) days after the Effective Date. The Closing shall take place at the offices of Escrow Agent, or at such other place as may be mutually selected by Buyer and Seller. Buyer shall give Seller not less than five (5) days prior notice of Closing so that Buyer may remove all personal property from the Property.

10. Documents to be Delivered at Closing. On or before Closing, Seller shall deliver to Buyer the following documents:

a. Special Warranty Deed conveying to Buyer fee simple title to the Property in form and content specified in Section 4 hereof;

b. Affidavit of Seller in form reasonably satisfactory to Buyer and the Title Insurer, evidencing that there have been no improvements or repairs made to the Property within ninety (90) days preceding the Closing, and sufficient in form and content to cause the Title Insurer to eliminate any exception for mechanics liens from the title policy. Such affidavit shall also evidence that Seller is in sole possession of the Property, and shall contain a certification that Seller is not a foreign person for purposes of Section 1445, Internal Revenue Code and such other certifications as may be sufficient for the Title Insurer to insure the "gap" at Closing;

c. A properly completed and executed beneficial interest affidavit and disclosure statement as required by Section 286.23, Florida Statutes, if applicable;

d. Any and all other documentation as may be reasonably required to consummate the transactions contemplated in this Agreement.

11. Possession. Possession of the Property shall be delivered to Buyer on the Closing Date.

12. Closing Costs.

a. At Closing, Buyer shall pay for (i) recording fees of the deed; (ii) all engineering and environmental studies obtained by Buyer, pursuant to Section 3(e), if any; (iii) Buyer's attorneys' fees; (iv) the Survey; (v) environmental site assessments described in Section 3(d).; and (vi) the owner's title policy issued pursuant to the Commitment described in Section 3(b).

b. At Closing, Seller shall pay for (i) Seller's attorneys' fees, if any; (ii) documentary stamp taxes on the deed; (iii) commission due to Listing Broker; and (iv) recording fees for curative title documents.

13. Taxes and Assessments. All real estate taxes and assessments which are or which may become a lien against the Property shall be satisfied of record by Seller at Closing. In the event the Buyer acquires fee title to the Property between January 1 and November 1, Seller shall, in accordance with Section 196.295, Florida Statutes, place in escrow with the tax collector an amount equal to the current taxes prorated to the Closing Date, based upon the current assessment and millage rates on the Property. In the event the Buyer acquires fee title to the Property on or after November 1, Seller shall pay to the tax collector an amount equal to the taxes that are determined to be legally due and payable by the tax collector.

14. Notices. Any notice, demand, consent, authorization, request, approval or other communication (collectively, "Notice") that any party is required, or may desire, to give to or make upon the other party pursuant to this Agreement shall be effective and valid only if in writing, signed by the party giving such notice, and delivered either by email to the address specified below or personally to the other party or sent by express 24-hour guaranteed courier or delivery service, by facsimile transmission with telephone confirmation or certified mail of the United States Postal Service, postage prepaid and return receipt requested, addressed to the other party as follows (or such other place as any party may by Notice to the other specify):

To Buyer: JEA, Real Estate
21 W. Church Street (CC-6)
Jacksonville, Florida 32202
Attention: Director, Real Estate Services
Connem@jea.com

To Seller: Damon Woolbright
3049 Starratt Road
Jacksonville, FL 32226
1974blackwater@gmail.com

Notice shall be deemed given when received, except that if delivery is not accepted, Notice shall be deemed given on the date of such non-acceptance.

15. State Required Disclosure. The following disclosure is required to be made by the laws of the State of Florida if the Property is located within the State of Florida:

"RADON GAS" Radon is a naturally occurring radioactive gas that, when it has accumulated in a building in sufficient quantities, may present health risks to persons who are exposed to it over time. Levels of radon that exceed federal and state guideline have been found in buildings in Florida. Additional information regarding radon and radon testing may be obtained from your county public health unit."

16. Governing Law. The parties hereto expressly agree that the terms and conditions hereof, and the subsequent performance hereunder, shall be construed and controlled in accordance with the laws of the State of Florida.

17. Entire Agreement. This Agreement contains the entire Agreement between the parties hereto and no statement or representation of the respective parties hereto, their agents or employees, made outside this Agreement, and not contained herein, shall form any part hereof or be binding upon the other party hereto. This Agreement shall not be changed or modified except by written instrument signed by the parties hereto.

18. Captions. Captions used in this Agreement are for convenience of reference only

and shall not affect the construction of any provision of this Agreement. Whenever used, the singular shall include the plural, the plural shall include the singular, and the neuter gender shall include all genders.

19. Assignment. This Agreement shall inure to the benefit of and be binding upon and is intended solely for the benefit of the parties hereto and their respective heirs, personal representatives, successors and assigns; and no third party will have any rights, privileges or other beneficial interest herein or hereunder.

20. Time is of the Essence. Time is of the essence of this Agreement. If any date referenced herein falls on a Saturday, Sunday or legal holiday, then such date automatically is extended to the next business day.

21. Interpretation. Should any of the provisions of this Agreement require interpretation, the party or parties interpreting or construing the same shall not apply a presumption that the terms herein shall be more strictly construed against on party by reason of the rule of construction that a document is to be construed more strictly against the party who itself or through its agents prepared the same, it being agreed that the agents of all parties participated in the preparation hereof.

22. Waiver. The waiver by one party of the performance of any covenant or condition herein shall not invalidate this Agreement, nor shall it be considered to be a waiver by such party of any other covenant or condition herein. The waiver by either or both parties of the time for performing any act shall not constitute a waiver at the time for performing any other act or any identical act required to be performed at a later time. No waiver hereunder shall be effective unless it is in writing.

23. Governmental Permits and Approvals. If, at any time prior to Closing, Buyer determines that it will be unable to obtain any federal, state or local governmental permits or approvals required for its intended use of the Property, Buyer may terminate this Agreement by providing written notice thereof to Seller and the parties shall thereafter be relieved of all further obligations under this Agreement which do not specifically survive its termination, and the Earnest Money shall be returned to Buyer.

24. Awards Committee Contingency. This Agreement and purchase is wholly contingent upon Buyer being able to obtain approval from Buyer's Awards Committee for the purchase of the Property. It is understood that Buyer shall notify Seller within 30 days after the Effective Date of this Agreement of the decision of the Awards Committee. If the decision is "yes" this Agreement shall continue in full force and effect. If the decision is "no" Escrow Agent is irrevocably instructed to return the Earnest Money and any interest earned thereon to Buyer and this Agreement shall terminate and neither party shall have any further obligations under the terms thereof.

25. Escrow Provisions. Escrow Agent signs this Agreement for the sole purpose of accepting its engagement as escrow agent pursuant to the terms of this Agreement and agreeing to be bound by the applicable terms hereof. It is agreed that the duties of Escrow Agent with respect to the Earnest Money are only as herein specifically provided and purely ministerial in nature, and Escrow Agent shall incur no liability whatever except for willful misconduct or gross negligence, as long as Escrow Agent has acted in good faith. Buyer and Seller each release Escrow Agent from any act done or omitted to be done by Escrow Agent in good faith in the performance of its duties hereunder, except the parties shall not release Escrow Agent from willful misconduct or gross negligence. Escrow Agent is acting as stakeholder only with respect to the Earnest Money and any other monies or documents to the extent delivered to Escrow Agent pursuant to this Agreement. Escrow Agent agrees that at such time as either party alleges that there is a default entitling the other party to the Earnest Money or a document, then Escrow Agent shall send notice to Seller and Buyer advising that the other party has made demand on

Escrow Agent for such Earnest Money or document. If the party alleged to be in default does not dispute Escrow Agent disbursing the Earnest Money or document within ten (10) business days of receipt of notice that Escrow Agent intends to disburse the Earnest Money or document or Escrow Agent notifies the parties that it intends to disburse a portion of the Earnest Money or a document and neither of the parties disputes such disbursement within five (5) business days after written notice that Escrow Agent intends to disburse all or a portion of such Earnest Money or the document, then Escrow Agent is authorized to disburse the Earnest Money or document as set forth in Escrow Agent's notice. If there is any valid dispute as to whether Escrow Agent is obligated to deliver the Earnest Money or the cash or documents to close or as to whom the Earnest Money, or cash or documents to close is to be delivered, Escrow Agent shall not make any delivery, but in such event, Escrow Agent shall hold same until receipt by it of an authorization in writing, directing the disposition of same executed by Buyer and Seller or in the absence of such authorization, Escrow Agent shall hold the Earnest Money and/or the cash or documents to close until final determination of the rights of the parties in the appropriate proceedings. If such written authorization is not given or proceedings for such determination are not begun within thirty (30) days of written demand by Escrow Agent to Seller and Buyer and diligently continued, Escrow Agent may bring an appropriate action or proceeding to interplead such deposits or documents. Any such interpleader action must be brought in the County in which the Property is located. Escrow Agent shall be reimbursed for all costs and expenses of such action or proceeding, including, without limitation, reasonable attorneys' fees and disbursements, by the party determined to have wrongfully disputed Escrow Agent's authority to disburse. Upon making delivery of the Earnest Money and/or the cash or documents to close, Escrow Agent shall have no further liability unless such delivery constituted willful misconduct or gross negligence.

Buyer may at any time remove the Escrow Agent and appoint a successor. The Escrow Agent may resign at any time from its obligations hereunder by providing written notice to the Seller and Buyer. Such resignation shall be effective on the date set forth in such written notice, which shall be no earlier than ten (10) business days after such written notice has been furnished. In such event, the Buyer shall promptly appoint a mutually acceptable successor escrow agent. In the event no successor escrow agent has been appointed on or prior to the date such resignation is to become effective, the Escrow Agent shall be entitled to tender into the custody of any court of competent jurisdiction all funds and other property then held by the Escrow Agent hereunder and the Escrow Agent shall thereupon be relieved of all further duties and obligations hereunder. The Escrow Agent shall have no responsibility for the appointment of a successor escrow agent hereunder.

The provisions of this Section shall survive Closing or any earlier termination of this Agreement.

IN WITNESS WHEREOF, Buyer and Seller have caused these presents to be signed in their names on the day and year set forth below.

[execution on following page]

BUYER:

JEA, a body politic and corporate

By: _____
Jordan Pope
Director, Economic Development
and Real Estate

Date: _____

SELLER:

Damon Woolbright

Date: _____

Escrow Agent has executed this Agreement in order to confirm that the Escrow Agent has received and shall hold the Earnest Money in escrow, and shall disburse the Earnest Money pursuant to the provisions of Section 25.

Edwards, Cohen, Dawson, Noble & Dawes, P.A.

By: _____
Print: _____
Its: _____
Date: _____

EXHIBIT A

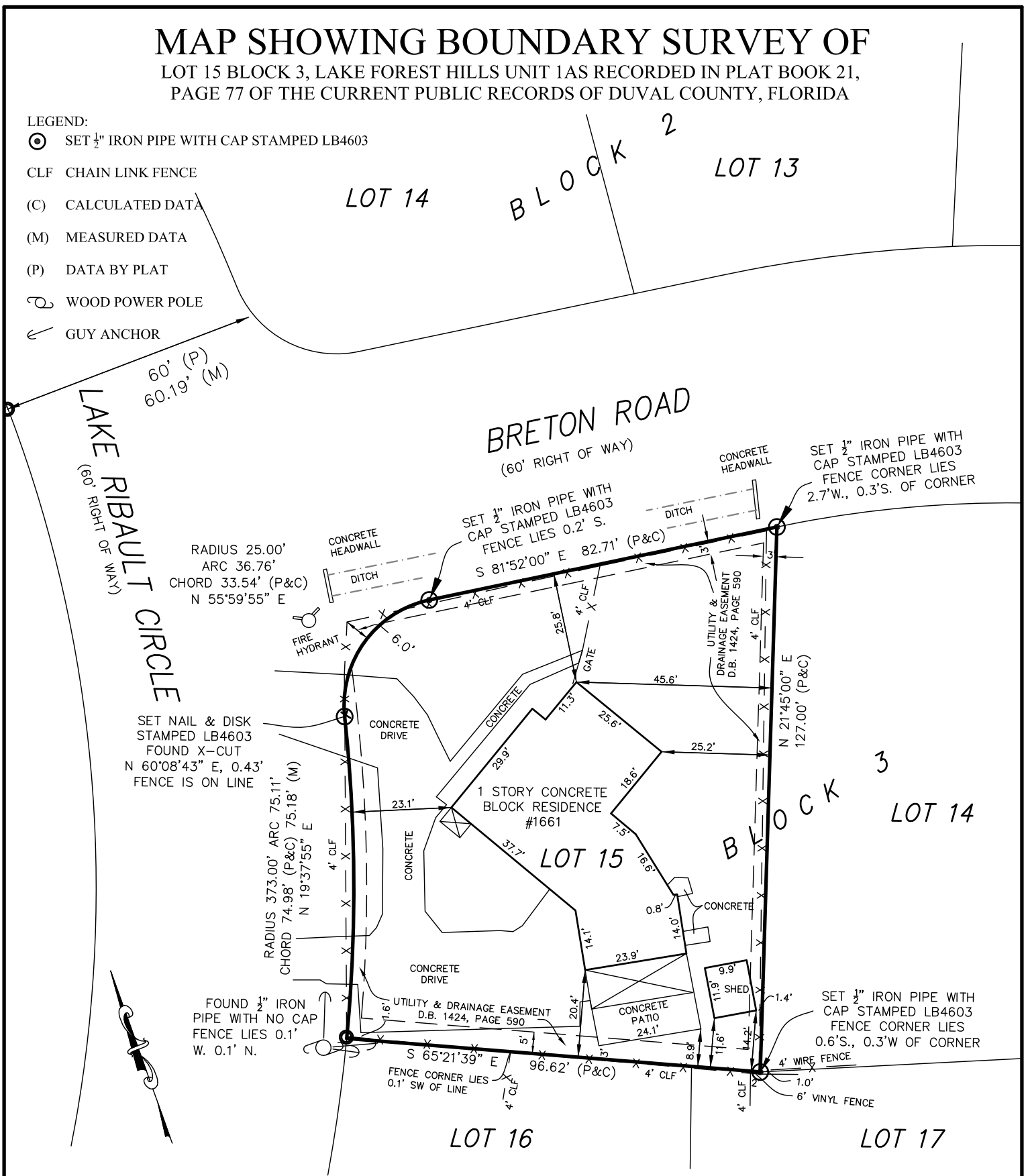
DESCRIPTION OF PROPERTY

Lot 15, Block 3, Lake Forest Hills Unit 1, according to the map or plat thereof, as recorded in Plat Book 21, Page(s) 77 and 77A, of the Public Records of Duval County, Florida.

MAP SHOWING BOUNDARY SURVEY OF LOT 15 BLOCK 3, LAKE FOREST HILLS UNIT 1AS RECORDED IN PLAT BOOK 21, PAGE 77 OF THE CURRENT PUBLIC RECORDS OF DUVAL COUNTY, FLORIDA

LEGEND:

- ⊙ SET 1/2" IRON PIPE WITH CAP STAMPED LB4603
- CLF CHAIN LINK FENCE
- (C) CALCULATED DATA
- (M) MEASURED DATA
- (P) DATA BY PLAT
- ⊕ WOOD POWER POLE
- ↖ GUY ANCHOR



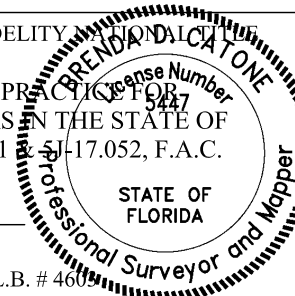
NOTES:

1. BEARINGS SHOWN HEREON ARE BASED ON THE SOUTHERLY RIGHT OF WAY LINE OF BRETON ROAD PER PLAT BOOK 21, PAGE 77, WHICH IS SOUTH 81 DEGREES 52 MINUTES SECONDS EAST.
2. THE PROPERTY SHOWN HEREON LIES IN FLOOD ZONES "X", WHICH IS AN AREA DETERMINED TO LIE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN AND SHADED "X", AN AREA OF 0.2% ANNUAL CHANCE FLOOD, ACCORDING TO COMMUNITY PANEL NUMBER 12031C-0189 J, OF THE FLOOD INSURANCE RATE MAPS FOR DUVAL COUNTY, FLORIDA, DATED 11-2-18.
3. UNDERGROUND FOUNDATIONS AND OTHER SUBTERRANEAN FEATURES WERE NOT LOCATED BY THIS SURVEY.
4. ALL BEARINGS AND DISTANCES SHOWN HEREON ARE FIELD MEASURED UNLESS OTHERWISE NOTED.
5. THIS SURVEY WAS PREPARED WITH THE BENEFIT OF TITLE COMMITMENT PREPARED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, ORDER NO. 8101242, WITH A COMMITMENT DATE OF 2-23-20. THE FOLLOWING EXCEPTIONS WERE LISTED IN ITS SCHEDULE B-II:
 - ITEMS 1-6 ARE NOT ITEMS OF SURVEY.
 - 7. RESTRICTIONS, COVENANTS, AND CONDITIONS RECORDED IN DEED BOOK 1424, PAGE 590. AFFECTS THE SUBJECT PROPERTY. EASEMENTS RESERVED BY THE DOCUMENT ARE SHOWN ON THE SURVEY.
 - 8. RESTRICTIONS, COVENANTS, CONDITIONS, EASEMENTS AND OTHER MATTERS AS CONTAINED ON THE PLAT OF LAKE FOREST HILLS UNIT 1, RECORDED IN PLAT BOOK 21, PAGE 77 AND 77A, OF THE PUBLIC RECORDS OF DUVAL COUNTY, FLORIDA. AFFECTS THE SUBJECT PROPERTY. THERE ARE NO EASEMENTS AFFECTING THE SUBJECT PROPERTY SHOWN ON THE PLAT.
 - ITEMS 9-11 ARE NOT ITEMS OF SURVEY.

I CERTIFY TO: JEA; DAMON WOOLBRIGHT, FIDELITY INSURANCE COMPANY & EDWARDS COHEN
THIS SURVEY MEETS THE STANDARDS OF PRACTICE FOR PROFESSIONAL SURVEYORS AND MAPPERS IN THE STATE OF FLORIDA PURSUANT TO CHAPTER 5J-17.051, 5J-17.052, F.A.C.

SIGNED: BRENDA D. CATONE, PSM
REGISTRATION # 5447

DATE: FEBRUARY 5, 2020 SCALE 1" = 30' L.B. # 460



DEGROVE

Surveyors, Inc.

2131 CORPORATE SQUARE BLVD.
JACKSONVILLE, FL 32216

(904) 722-0400



Formal Bid and Award System

Award #10 May 7, 2020

Type of Award Request: BID (IFB)
Request #: 6767
Requestor Name: Hallock, Pete
Requestor Phone: (904) 665-8689
Project Title: Cured-In-Place Pipe (CIPP) Nicholson Rd: Olive St to Utah Ave Pump Station
Project Number: 172-05
Project Location: JEA
Funds: Capital
Budget Estimate: \$2,536,400.00

Scope of Work:

JEA is soliciting Bids from construction contractors for rehabilitation of the gravity sewer trunk main in the St. Nicholas and Southbank neighborhoods. The scope of work specified herein includes installation of approximately 6,000 LF of thirty-six inch (36") Cured-In-Place Pipe (CIPP) and, approximately 200 LF of forty-two inch (42") CIPP in the St. Nicholas and Southbank neighborhoods. The proposed work is within City of Jacksonville Right-of-Way, and an easement through Bishop Kenny High School and Southbank neighborhood.

JEA IFB/RFP/State/City/GSA#: 029-20
Purchasing Agent: Kruck, Daniel R.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
INSITUFORM TECHNOLOGIES LLC	Diane Partridge	dpartridge@aeion.com	1788 Edison Ave, Chesterfield, MO 63005	(636) 530-8000	\$1,746,469.50

Amount for entire term of Contract/PO: \$1,746,469.50
Award Amount for remainder of this FY: \$785,911.28
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 06/01/2020
End Date (mm/dd/yyyy): Project Completion (Expected: February 2021)
JSEB Requirement: N/A - Optional
BIDDERS:

Name	Amount
INSITUFORM TECHNOLOGIES, LLC	\$1,746,469.50
RIC-MAN CONSTRUCTION FL, INC	\$1,771,457.70
SAK CONSTRUCTION, LLC	\$1,982,600.00
IPR SOUTHEAST, LLC	\$2,160,272.00
GULF COAST UNDERGROUND, LLC	\$2,985,732.01

Background/Recommendations:

Advertised on 02/27/2020. Eight (8) prime contractors attended the mandatory pre-bid meeting held on 03/09/2020. One (1) prime contractor attended a second pre-bid meeting held on 04/10/2020. At Bid opening on 04/28/2020, JEA received five (5) Bids. Insituform Technologies, LLC is the lowest responsive and responsible Bidder. A copy of the Bid Form and Workbook are attached as backup.

The award amount of \$1,746,469.50 is approximately 31.1% lower than the budget estimate. When estimating for this project JEA used historical prices. The Bid price is deemed reasonable when compared to other large diameter pipe CIPP work. JEA does have a unit price contract for CIPP work, however, that contract does not have line items for CIPP work with the pipe size and thickness required and the heavy cleaning required for this project. A trend has been submitted to reduce the budget for this project due to the lower than estimated construction bid price.

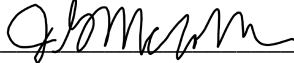
The project details are below:

- Planning Project Budget: \$3,005,634.00
 - Engineering Budget: \$380,460.00
 - Construction Budget: \$2,540,850.00
 - Internal JEA Costs: \$84,324.00
- Revised Project Budget: \$2,495,000.00
 - Engineering Budget (Engineering Firm: Arcadis, CPA 152347): \$380,460.00
 - Construction Budget: \$1,746,469.50
 - Internal JEA Costs: \$368,070.50
- Original Project Schedule:
 - Engineering Completion: January 2020
 - Construction Completion: February 2021
- Revised Schedule:
 - Engineering Completion: January 2020
 - Construction Completion: February 2021

029-20 – Request approval to award a contract to Insituform Technologies for construction services for the Cured-In-Place Pipe (CIPP) Nicholson Rd: Olive St to Utah Ave Pump Station project in the amount of \$1,746,469.50, subject to the availability of lawfully appropriated funds.

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

APPROVALS:

 05/07/2020

Chairman, Awards Committee **Date**

Laure A Whitmer 5/7/2020

Budget Representative **Date**

BID BOND

Missouri
STATE OF FLORIDA

COUNTY OF: St. Louis)

KNOW ALL PERSONS BY THESE PRESENTS, That we, Insituform Technologies, LLC (hereinafter called "Principal"), and Travelers Casualty and Surety Company of America as Surety (hereinafter called "Surety"), are held and firmly bound unto the JEA of the City of Jacksonville, Florida (hereinafter called the "JEA"), in the sum of \$5% of Amt Bid*lawful money of the United States of America, for the payment which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents: * Five Percent of the Amount Bid

WHEREAS, the Principal contemplates submitting or has submitted a Bid to the JEA for:

CIPP Nicholson Rd: Olive St to Utah Ave Pump Station

WHEREAS, it was a condition precedent to the submission of said Bid that a certified check or Bid Bond in the amount of 5% of Amt Bid * be submitted with said Bid as a guaranty that the Principal would, if awarded the contract, enter into a written contract with the JEA and furnish a Section 255.05 Florida Statutes Contract Bond in an amount equal to 100% for the performance of said contract, within ten consecutive calendar days after written notice being given of acceptance by the JEA. * 5% of the Amount Bid

NOW, THEREFORE, THE CONDITIONS OF THIS OBLIGATION ARE SUCH, that if the Bid of the Principal herein be accepted and said Principal, within ten consecutive calendar days after written notice being given of such acceptance, enters into a written contract with the JEA, and furnishes a Section 255.05, Florida Statutes Contract Bond in an amount equal to 100% satisfactory to the JEA, then this obligation shall be void; otherwise, the sum herein stated shall be due and payable to the JEA, and the Surety herein agrees to pay said sum immediately upon demand of said JEA, in good and lawful money of the United States of America; as liquidated damages for failure thereof of said Principal.

IN WITNESS WHEREOF, the said Principal and the said Surety have duly executed this bond the 28 day of

April, ~~10X~~ 2020

ATTEST:


Signature
Christlinda Adkins
Contracting & Attesting Officer

Type/Print Name

Signature
Gina Gurrieri
Contracting & Attesting Officer

Type/Print Name

Signed, Sealed and Delivered
in the Presence of:

Signature

Type/Print Name

Signature

Type/Print Name

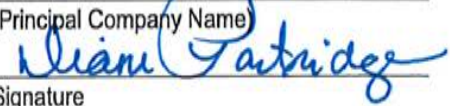
Countersigned:

By 
Katherine Cronin, Resident Agent
State of Florida

Name of Firm: Travelers


Address: 2420 Lakemont Ave Ste 100
Orlando, FL 32814

Insituform Technologies, LLC
17988 Edison Avenue, Chesterfield, MO 63005
(Principal Company Name)


Signature
Diane Partridge
Type/Print Name

Contracting & Attesting Officer
Title
AS PRINCIPAL

Travelers Casualty and Surety Company of America
One Tower Square, Hartford, CT 06183

(Surety Company Name)

Signature
Andrew P. Thome
Type/Print Name
Attorney-in-Fact
Title
AS SURETY

Name of Agent: Andrew P. Thome

Address: J.W. Terrill, a Marsh & McLennan Agency, LLC company
825 Maryville Centre Drive, Suite 200
St, Louis, MO 63017

Form Approved:

Assistant General Counsel

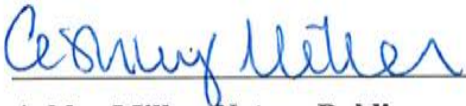
State of Missouri
County of St. Louis

On 04/28/2020, before me, a Notary Public in and for said County and State, residing herein, duly commissioned and sworn, personally appeared Andrew P. Thome known to me to be Attorney-In-Fact of

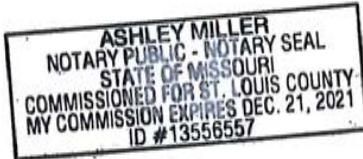
Travelers Casualty and Surety Company of America

a corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument in behalf of said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.



Ashley Miller, Notary Public



My Commission Expires: _____



**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Andrew P. Thome, of Chesterfield, Missouri**, their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **3rd day of February, 2017**.



State of Connecticut

City of Hartford ss.

By: 
Robert L. Raney, Senior Vice President

On this the **3rd day of February, 2017**, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.

My Commission expires the **30th day of June, 2021**




Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **28** day of **April**, 20**20**




Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney-in-Fact and the details of the bond to which the power is attached.**

Appendix B
029-20 CIPP Nicholson Rd: Olive St to Utah Ave Pump Station

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: Insituform Technologies, LLC

Company's Address: 17988 Edison Avenue, Chesterfield, MO 63005

License Number: CGC1510306

Phone Number: (636) 530-8000 FAX No: (636) 530-8701 Email Address: dpartridge@aegion.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 Bid 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

ENTER YOUR BID FOR SOLICITATION 029-20

TOTAL BID PRICE

Total Bid Price for the Project
(enter total from cell G11 in the Bid Workbook)

\$ 1,746,469.50


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 6


Handwritten Signature of Authorized Officer of Company or Agent

April 28, 2020
Date

Diane Partridge, Contracting and Attesting Officer
Printed Name and Title

INSITUFORM TECHNOLOGIES, LLC

**PRESIDENT APPOINTMENT OF
CONTRACTING AND ATTESTING OFFICERS**

The undersigned, being the President of Insituform Technologies, LLC, a Delaware Limited Liability Company (the "Company"), and pursuant to the authority set forth in the Limited Liability Company Operating Agreement of the Company, hereby determines that:

1. Christlanda Adkins, Gina Gurrieri, Janet Hass, Jana Lause, Diane Partridge, Whitney Schulte, and Ursula Youngblood are appointed as Contracting and Attesting Officers of the Company, each with the authority, individually and in the absence of the others, subject to the control of the Board of Managers of the Company, to: (i) certify and attest to the signature of any officer of the Company; (ii) enter into and bind the Company to perform pipeline rehabilitation activities of the Company and all matters related thereto, including the maintenance of one or more offices and facilities of the Company; (iii) execute and to deliver documents on behalf of the Company; and (iv) take such other action as is or may be necessary and appropriate to carry out the project, activities and work of the Company.
2. Any person previously appointed or serving as a Contracting and Attesting Officer of the Company prior to the date hereof and who is not named above is hereby removed from any such appointment.

Dated: March 6, 2020



Ralph E. Western
President

029-20 Appendix B - Bid Workbook - Large Diameter Trenchless Pipe Rehabilitation, Nicholson Rd: Olive St to Utah Pump Station (Enter data in yellow cells only)

M&P/ Spec No.	ITEM No.	ITEM DESCRIPTION	Total Est Quantity	Units	Unit Cost	Total Cost
901.2	1	Mobilization	1	LS	\$ 1,900.00	\$ 1,900.00
901.3	2	36-Inch CIPP	6,005	LF	\$ 186.00	\$ 1,116,930.00
901.3	3	42-Inch CIPP	190	LF	\$ 259.00	\$ 49,210.00
901.4	4	Preparatory Sewer Cleaning and CCTV Inspection	6,195	LF	\$ 22.10	\$ 136,909.50
901.5	6	Temporary Pumping	1	LS	\$ 418,800.00	\$ 418,800.00
901.6	7	Maintenance of Traffic	1	LS	\$ 12,400.00	\$ 12,400.00
901.7	8	Manhole Rehabilitation	30	VF	\$ 344.00	\$ 10,320.00

TOTAL BID PRICE (transfer this number to TOTAL BID PRICE line in Appendix B - Bid Form)

\$ 1,746,469.50

GENERAL

THE MINIMUM QUALIFICATIONS SHALL BE SUBMITTED ON THIS FORM. IN ORDER TO BE CONSIDERED A QUALIFIED BIDDER BY JEA YOU MUST MEET THE MINIMUM QUALIFICATIONS LISTED BELOW, AND BE ABLE TO PROVIDE ALL THE SERVICES LISTED IN THIS SOLICITATION.

THE BIDDER MUST COMPLETE THE BIDDER INFORMATION SECTION BELOW AND PROVIDE ANY OTHER INFORMATION OR REFERENCE REQUESTED. THE BIDDER MUST ALSO PROVIDE ANY ATTACHMENTS REQUESTED WITH THIS MINIMUM QUALIFICATIONS FORM.

PLEASE SUBMIT THE ORIGINAL, TWO (2) COPIES AND ONE (1) USB DRIVE OF THIS FORM AND ANY REQUESTED ADDITIONAL DOCUMENTATION WITH THE PROPOSAL SUBMISSION.

BIDDER INFORMATION

COMPANY NAME: Insituform Technologies, LLC

BUSINESS ADDRESS: 17988 Chesterfield, MO 63005

CITY, STATE, ZIP CODE: Chesterfield, MO 63005

TELEPHONE: (636) 530-8000

FAX: (636) 530-8701

E-MAIL: dpartridge@aegion.com

PRINT NAME OF AUTHORIZED REPRESENTATIVE: Diane Partridge

SIGNATURE OF AUTHORIZED REPRESENTATIVE: 

TITLE OF AUTHORIZED REPRESENTATIVE: Contracting and Attesting Officer

MINIMUM QUALIFICATIONS:

Bidder shall have the following Minimum Qualifications to be considered eligible to submit a Bid in response to this IFB.

It is the responsibility of the Bidder to ensure and certify that it meets the Minimum Qualifications stated below. JEA reserves the right to request back up documentation to confirm the Bidder meets the requirements stated herein. A Bidder not meeting all of the following criteria may have their Bid rejected:

- The Bidder shall have successfully completed during the previous five (5) years immediately preceding the Bid Due Date, a minimum of 50,000 ft. of CIPP of 36" or greater pipe.
- Bidder shall have a valid State of Florida General or Underground Contractor's license number

Addendum 3 – Minimum Qualifications Form
029-20 CIPP Nicholson Rd: Olive St to Utah Ave Pump Station

REFERENCE 1

Reference Company Name Fayetteville Public Works Commission
Reference Contact Name Mr. John Allen, P.E.
Reference Phone Number (910) 223-4734
Reference E-Mail Address john.allen@faypwc.com
Address of Work 995 Old Wilmington Road, Fayetteville, NC 28301
Project Manger B.J. Kerstiens / Kendall Welsh
Description of Project Scope: Cleaning, CCTV, CIPP lining, flow diversion, access roads
CIPP Footage: Approximately 9,660 LF of 48" Sanitary Contract Amount: \$2,711,752
This was a public bid awarded to Insituform. This project ran alongside a CSX railway and progressed over a dam
along its route. The job was completed using a combination of traditional CIPP inversion methods and two Over-
the-Hole (OTH) installations. By project's end, over 9,600 LF of 48" diameter sanitary sewer pipe was
successfully rehabilitated.

REFERENCE 2

Reference Company Name City of Tampa, Florida
Reference Contact Name Mr. Jack Ferras, P.E.
Reference Phone Number (813) 274-8095
Reference E-Mail Address Jack.Ferras@tampagov.net
Address of Work 2545 Guy N. Verger Blvd
Project Manger Frank Kendrix/Kendall Welsh
Description of Project Scope: Cleaning, CCTV, CIPP lining, flow diversion, concrete restoration, protective
coating. CIPP Footage: Approximately 1,681 of 72" PCCP Contract Amount: \$988,363
This was a public bid awarded to Insituform. Project involved large diameter sanitary sewer lining to address
internal corrosion in the pipes. Approximately 1,681 LF of 72" Sanitary Sewers were successfully lined with
Cured-In-Place-Pipe (CIPP).

Addendum 3 – Minimum Qualifications Form
029-20 CIPP Nicholson Rd: Olive St to Utah Ave Pump Station

REFERENCE 3

Reference Company Name City of West Palm Beach, Florida

Reference Contact Name Mr. Luis Perez

Reference Phone Number (561) 494-1071

Reference E-Mail Address lperez@wpb.org

Address of Work 401 Clematis Street, West Palm Beach, Florida 33401

Project Manger Frank Kendrix / Kendall Welsh

Description of Project Scope: Clean & CCTV, CIPP pressure pipe lining, flow diversion

CIPP Footage: 5,700 LF of 48" PCCP Contract amount: \$7,020,506

Project: City of West Palm Beach, Fl - 48" Force Main Rehabilitation Phase 1

The project made 2017 Trenchless Technology Project of the Year Winner. The project was the rehabilitation of

5,700 LF of 48" PCCP force main running through a golf course. Project was successfully completed in

November, 2016 using CIPP.


CONFLICT OF INTEREST
CERTIFICATE

JEA IFB No. 029-20

Bidder must execute this form, if applicable, relative to Florida Statute 112.313. Failure to submit this form, if applicable, shall result in rejection of this bid.

I hereby certify that the following named JEA official(s) and employee(s) having material financial interest(s) (in excess of 5%) in this company have filed Conflict of Interest statements with the Supervisor of Elections, 105 East Monroe Street, Jacksonville, Duval County, Florida, prior to bid opening.

Name	Title or Position	Date of Filing
<u>None</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

 Signature	<u>Insituform Technologies, LLC</u> Company Name
<u>Diane Partridge</u> Contracting and Attesting Officer	<u>17988 Edison Avenue</u> Business Address
<u>Name of Certifying Official</u> (type or print)	<u>Chesterfield, MO 63005</u> City, State, Zip Code

FLORIDA TRENCH SAFETY ACT ACKNOWLEDGMENT

If this Project involves trench excavations that will exceed a depth of 5 feet, pursuant to Florida Statutes, Chapter 553, Part VI, Trench Safety Act will be in effect and the undersigned Bidder hereby certifies that such Act will be complied with during the construction of this Project.

Bidder acknowledges that included in the various items of the bid and in the total bid price are costs for complying with the Florida Trench Safety Act. Bidder further identifies the cost to be as summarized below:

Trench Safety Measure (Description)	Units of Measure (LF SY)	Quantity	Unit Cost	Extended Cost
A.	NA			
B.				
C.				
D.				
TOTAL \$				_____

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 - 029-20. 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
-----------------------------	--	--

N/A

Signed 
Diane Partridge, Contracting and Attesting Officer
Company Insituform Technologies, LLC

Address 17988 Edison Avenue, Chesterfield, MO 63005

Date: April 28, 2020

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

CONSTRUCTION AND DEMOLITION DEBRIS DISPOSAL
(See Subsection ____ - Instructions to Bidders)

Construction and demolition debris at the worksite will be disposed of at N/A _____;

This location is subject to Certificate of Necessity No. _____, and is designated by
Public Works Department Permit No. _____.

Diane Partridge
(Signature)
Diane Partridge
Contracting and Attesting Officer

(Title)


LIST OF SUBCONTRACTORS

JEA Solicitation Number 029-20 requires certain major Subcontractors be listed on this form, unless the work will be self-performed by the Company.

The undersigned understands that failure to submit the required Subcontractor information on this form will result in bid rejection, and the Company agrees to employ the Subcontractors specified below: (Use additional sheets as necessary)

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

Type of Work	Corporate Name of Subcontractor	Subcontractor Primary Contact Person & Telephone Number	Subcontractor's License Number (if applicable)	Percentage of Work or Dollar Amount
By-Pass	Sunbelt Rentals Pump Solutions	Blake Wyatt (843) 323-8027	N/A	22.8%
United Pipeline Rehabilitation	Clean & CCTV	Rodney James (912) 288-0392	N/A	7.5%
Concrete Conservation Inc.	Manhole Rehabilitation	Sims Rhyne (904) 704-9786	N/A	.6%

Signed: 
Company: Insituform Technologies, LLC
Address: 17988 Edison Avenue, Chesterfield, MO 63005
Date: April 28, 2020

RICK SCOTT, GOVERNOR



JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

WELSH, KENDALL THOMAS

INSITUFORM TECHNOLOGIES LLC
4144 LONICERA LOOP
ST. JOHNS FL 32259

LICENSE NUMBER: CGC1510306

EXPIRATION DATE: AUGUST 31, 2020

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

State of Florida

Department of State

I certify from the records of this office that INSITUFORM TECHNOLOGIES, LLC is a Delaware limited liability company authorized to transact business in the State of Florida, qualified on January 18, 2012.

The document number of this limited liability company is M12000000304.

I further certify that said limited liability company has paid all fees due this office through December 31, 2019, that its most recent annual report was filed on March 26, 2019, and that its status is active.

I further certify that said limited liability company has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Twenty-ninth day of April,
2019*



Samuel R. Bruce
Secretary of State

Tracking Number: 3957056520CU

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



FLORIDA DEPARTMENT OF STATE
Division of Corporations

January 18, 2012

BECKY PEIRCE
CSC
TALLAHASSEE, FL

Qualification documents for INSITUFORM TECHNOLOGIES, LLC were filed on January 18, 2012, and assigned document number M12000000304. Please refer to this number whenever corresponding with this office.

Your limited liability company is authorized to transact business in Florida as of the file date.

To maintain "active" status with the Division of Corporations, an annual report must be filed yearly between January 1st and May 1st beginning in the year following the file date or effective date indicated above. If the annual report is not filed by May 1st, a \$400 late fee will be added.

A Federal Employer Identification Number (FEI/EIN) will be required when this report is filed. Contact the IRS at 1-800-829-4933 for an SS-4 form or go to www.irs.gov.

Please notify this office if the limited liability company address changes.

Should you have any questions regarding this matter, please contact this office at the address given below.

Buck Kohr
Regulatory Specialist II
Registration/Qualification Section
Division of Corporations

Letter Number: 712A00001262

Account number: I20000000195

Amount charged: 125.00

www.sunbiz.org

Division of Corporations - P.O. BOX 6327 -Tallahassee, Florida 32314

FILED STATE
SECRETARY OF CORPORATIONS
DIVISION OF CORPORATIONS
12 JAN 18 PM 3:50

APPLICATION BY FOREIGN LIMITED LIABILITY COMPANY FOR AUTHORIZATION TO
TRANSACTION BUSINESS IN FLORIDA

IN COMPLIANCE WITH SECTION 608.503, FLORIDA STATUTES, THE FOLLOWING IS SUBMITTED TO REGISTER A FOREIGN LIMITED LIABILITY COMPANY TO TRANSACTION BUSINESS IN THE STATE OF FLORIDA:

1. INSITUFORM TECHNOLOGIES, LLC
(Name of Foreign Limited Liability Company; must include "Limited Liability Company," "L.L.C.," or "LLC.")

(If name unavailable, enter alternate name adopted for the purpose of transacting business in Florida and attach a copy of the written consent of the managers or managing members adopting the alternate name. The alternate name must include "Limited Liability Company," "L.L.C.," "LLC.")

2. DE 3. _____
(Jurisdiction under the law of which foreign limited liability company is organized) (FEI number, if applicable)

4. 03/27/1980 5. Perpetual
(Date of Organization) (Duration: Year limited liability company will cease to exist or "perpetual")

6. Upon Filing
(Date first transacted business in Florida, if prior to registration.)
(See sections 608.501 & 608.502 F.S. to determine penalty liability)

7. 17988 Edison Ave. Chesterfield MO 63005
(Street Address of Principal Office)

8. If limited liability company is a manager-managed company, check here

9. The name and usual business addresses of the managing members or managers are as follows:

Joe Burgess 17988 Edison Ave. Chesterfield MO 63005

David Martin 17988 Edison Ave. Chesterfield MO 63005

David F. Morris 17988 Edison Ave. Chesterfield MO 63005

10. Attached is an original certificate of existence, no more than 90 days old, duly authenticated by the official having custody of records in the jurisdiction under the law of which it is organized. (A photocopy is not acceptable. If the certificate is in a foreign language, a translation of the certificate under oath of the translator must be submitted.)

11. Nature of business or purposes to be conducted or promoted in Florida: _____
Any lawful business, purpose or activity.

[Signature]
Signature of a member or an authorized representative of a member.

(In accordance with section 608.408(3), F.S., the execution of this document constitutes an affirmation under the penalties of perjury that the facts stated herein are true. I am aware that any false information submitted in a document to the Department of State constitutes a third degree felony as provided for in s.817.155, F.S.)

David F. Morris, Manager

Typed or printed name of signee

**CERTIFICATE OF DESIGNATION OF
REGISTERED AGENT/REGISTERED OFFICE**

PURSUANT TO THE PROVISIONS OF SECTION 608.415 or 608.507, FLORIDA STATUTES, THE UNDERSIGNED LIMITED LIABILITY COMPANY SUBMITS THE FOLLOWING STATEMENT TO DESIGNATE A REGISTERED OFFICE AND REGISTERED AGENT IN THE STATE OF FLORIDA.

1. The name of the Limited Liability Company is:

Insituform Technologies, LLC

If unavailable, the alternate to be used in the state of Florida is:

2. The name and the Florida street address of the registered agent and office are:

Corporation Service Company

(Name)

1201 Hays Street

Florida Street Address (P.O. Box **NOT** ACCEPTABLE)

Tallahassee

FL 32301

City/State/Zip

Having been named as registered agent and to accept service of process for the above stated limited liability company at the place designated in this certificate, I hereby accept the appointment as registered agent and agree to act in this capacity. I further agree to comply with the provisions of all statutes relating to the proper and complete performance of my duties, and I am familiar with and accept the obligations of my position as registered agent as provided for in Chapter 608, Florida Statutes.

Corporation Service Company

By: 

(Signature)

Dawn Frantz, Assistant Secretary

\$ 100.00 Filing Fee for Application
\$ 25.00 Designation of Registered Agent
\$ 30.00 Certified Copy (optional)
\$ 5.00 Certificate of Status (optional)

Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "INSITUFORM TECHNOLOGIES, LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE SEVENTEENTH DAY OF JANUARY, A.D. 2012.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "INSITUFORM TECHNOLOGIES, LLC" WAS FORMED ON THE TWENTY-SEVENTH DAY OF MARCH, A.D. 1980.


AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL TAXES HAVE BEEN PAID TO DATE.

0889565 8300

120055464

You may verify this certificate online
at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 9301204

DATE: 01-17-12



Department of State / Division of Corporations / Search Records / Detail By Document Number /

Detail by FEI/EIN Number

Foreign Limited Liability Company
INSITUFORM TECHNOLOGIES, LLC

Filing Information

Document Number M12000000304
FEI/EIN Number 13-3032158
Date Filed 01/18/2012
State DE
Status ACTIVE

Principal Address

17988 EDISON AVENUE
CHESTERFIELD, MO 63005

Mailing Address

17988 EDISON AVENUE
CHESTERFIELD, MO 63005

Registered Agent Name & Address

CORPORATION SERVICE COMPANY
1201 HAYS STREET
TALLAHASSEE, FL 32301-2525

Authorized Person(s) Detail

Name & Address

Title MGR

GORDON, CHARLES R
17988 EDISON AVENUE
CHESTERFIELD, MO 63005

Title MGR

MORRIS, DAVID F
17988 EDISON AVENUE
CHESTERFIELD, MO 63005

Annual Reports

Report Year	Filed Date
2018	03/02/2018
2019	03/26/2019
2020	01/23/2020

Document Images

01/23/2020 -- ANNUAL REPORT [View image in PDF format](#)



Insituform®

An Aegion™ Company

CORPORATE BACKGROUND

Insituform Technologies, LLC is a diversified, international corporation specializing in trenchless reconstruction of municipal and industrial pipelines of all types - sewer, storm drain, water, gas oil, chemical process, slurry and nuclear power pipelines. Application sizes range from under 6-inches to 120-inches in diameter. Based on size, experience, technology, capability and resources, INSITUFORM is the worldwide leader in full-spectrum piping reconstruction contracting.

Insituform's expertise is based on over 40 years of experience spent in the manufacturing and installation/reconstruction of more than 25,000 miles (over 132,000,000 ft.) of pipe. Currently, INSITUFORM offers a full spectrum of trenchless rehabilitation products including Insituform's flagship gravity cured-in-place pipe (CIPP), iPlus Infusion®, iPlus Infusion® UV felt, iPlus® Composite, Tite Liner® HDPE systems for industrial/pressure pipelines and our InsituMain® and Thermopipe® Systems for sanitary sewer force mains, transmission and distribution mains, alongside our robotic service reinstatement technologies.

The corporate history that encompasses today's worldwide Insituform Technologies, LLC organization derives from a host of resources, people, technology and experience merged from former licensees and affiliates of the original Insituform® pipe reconstruction process.

INSITUFORM is a leader in quality management, becoming the first specialty piping corporation to receive ISO 9000 quality installation certification in 1995. As a vertically integrated company, we hold ISO 9000 certifications in materials manufacturing, resin impregnation/wetout, and field installation and control every step of the process, from start to finish.

Insituform Technologies is one of the largest trenchless technology companies in the world, with annual revenues exceeding \$914 million in 2010. As of 2011, Insituform is now a wholly owned subsidiary of Aegion Corporation. Aegion stock is publicly held on the NASDAQ exchange under the symbol "AGN".

PERSONNEL

Insituform Technologies, LLC's worldwide organization consists of over 3,000 employees. Every specialty and function associated with an international, technology-driven business is incorporated. Outside of manufacturing operations, the predominance of INSITUFORM personnel engage in project crew duties for pipeline reconstruction.

INSITUFORM maintains and staffs an extensive Research and Development facility engaged in new product and technical installation development. Experts are available to assist operations units in developing specialized solutions to particular client needs for underground piping system analysis and reconstruction.

INSITUFORM maintains a centralized design team at the world headquarters in St. Louis, Missouri with responsibility for ensuring that service conditions are met by products in each application. When necessary, special industrial design considerations and constraints such as corrosion, abrasion, unusual loading, pressure, temperature, etc. are fully included in specific application designs. INSITUFORM has assigned technical market managers to specific segments who have intimate knowledge of process and facility operations and are able to provide advice and field technical assistance in special applications as may be required to meet critical or unusual client needs.

By nature, field applications of pipeline service, assessment and reconstruction activities are highly regionalized. In the United States, INSITUFORM meets the needs of local municipal, industrial and military clients for responsive service by deploying personnel at strategic locations to minimize the cost and burden to clients of extensive mobilization. As an integrated company, sharing of expert personnel and specialized equipment between locations in response to client and project needs is part of normal operations.

QUALITY ASSURANCE

A strategy goal of Insituform Technology is operational excellence. This goal of quality assurance is being achieved on two fronts.

Best Practices Program: First, INSITUFORM has completed its long-term goal of merging all licensees throughout the United States and solidifying relationships with worldwide subsidiaries and affiliates. Achieving uniform high standards of quality across all operating units is essential to ensure long-term service to client needs. In doing so, INSITUFORM has developed comprehensive bench-marking studies to identify the "Best Practices" of the most efficient and best quality manufacturing and installation procedures for each product line, and can therefore share these best practices with INSITUFORM's regional offices, subsidiaries, and licensees throughout the world. INSITUFORM believes that the only way to guarantee quality is to integrate product development, manufacturing and installation under a best practices program, coupled with ISO 9001 Quality Management Programs.

ISO 9001 Quality Assurance Program: INSITUFORM's second long-term goal is to maintain ISO 9001 quality certification for its manufacturing facilities. This certification process was completed in 1995. ISO certification is not only consistent with the goal of achieving operational excellence for the municipal market, it is an essential requirement for the industrial market, where ISO certification has become an increasingly greater requirement for acceptance as a qualified supplier.

Quality Assurance Inspection Program and Training: A pilot program for the detection and recording of internal non-conformance was established. Persons were selected and trained for conducting internal auditing, probably the most important aspect of ISO because it provides ongoing self-evaluation of the effectiveness of the quality system. Every member of the organization is familiar with, and fully committed to the company's "Quality Policy" and non-conformance identification program.

Internal Audit Findings: Predetermined elements of the quality system are audited each month, and at year's end every ISO 9001 requirement will have been reviewed at least once. Findings are reported to the manager responsible for the appropriate department for resolution.

Management Review and Client Review: At least twice a year, managers meet to review and assess the quality system as a whole. Quality objectives are evaluated and amended or increased as appropriate. Resource needs are identified, and action plans formulated. Once a project is completed, the client receives a Customer Survey form. This comprehensive form is INSITUFORM's report card which identifies project success, as well as areas where improvement is suggested.

INSITUFORM

The rehabilitation processes offered by Insituform were developed to provide a means of reconstructing existing pipe, conduit or passageways without extensive excavation. Some typical applications include:

1. Halting settlement by stopping the infiltration of soil and bedding material which often accompanies groundwater infiltration and can cause soil voids and shifting ground in gravity pipelines.
2. Eliminating infiltration of groundwater through joints, breaks and missing sections of gravity pipeline.
3. Increasing the capacity of existing pipelines by smoothing the interior surface and providing smooth transitions over joints and protrusions.
4. Reducing maintenance and increasing capacity by reducing deposits and eliminating root intrusions into gravity pipelines.
5. Protecting the pipe from attack by corrosive chemical effluent and vapors.
6. Eliminating the exfiltration of pollutants and chemicals into surrounding groundwater aquifers through joints and cracks in pipelines.
7. Strengthening the existing pipe by the installation of a tight fitting Insituform[®] CIPP within the old, thereby bridging joints, cracks and disconnected pipes into a single continuous conduit.

Briefly, here are just a few of the benefits realized from the reconstruction of pipelines using the Insituform[®] cured-in-place pipe (CIPP) process:

Virtually eliminates excavation problems - Depending on the type of pipe or passageway to be reconstructed (sewers, drains, or conduits), excavation can virtually be eliminated. Existing access (sewer manholes) is usually sufficient. Side connections can generally be 'reinstated' by cutting out from within. Bends can be negotiated.

Restores full size capacity, reduces maintenance - These tight-fitting pipes are continuous over pipe joints, openings and faults, and the capacity is nearly always increased. The smoothness also reduces deposits because there are no places for deposits to form, thereby reducing maintenance.

Builds corrosion-resistant pipe, resists chemical attack - In the case of the Insituform process, various thermosetting resins can be selected to resist the corrosive effects of the effluent.

Builds a continuous pipe - (a new pipe within the old) - Insituform[®] CIPP bridges breaks and missing sections of pipe eliminating infiltration, exfiltration or loss of product in pressure pipes. Insituform fits tightly and bridges disconnected pipes into a single continuous pipe.

Reconstructs unusually shaped pipes without loss of capacity - Elliptical, egg-shaped, flat bottom horseshoe or rectangular conduits can be reinstated to their existing shape by the tight fitting Insituform process.

Accomplishes these things in sizes from 6- to 120-inches in diameter - Insituform[®] CIPP has been constructed in these sizes and may be applicable to those beyond.

Solves difficult jobs - In addition to negotiating bends, it is possible to reconstruct remote sections inaccessible to wheeled vehicles (e.g. inside building) with the Insituform process. In addition to being installed without excavation, Insituform[®] CIPP has been installed where access to only one end is feasible (vertical wells). Also, it is possible to reconstruct pipelines with reducers or only a portion of a pipeline.

Solves stringent time restraints - Preparation time is reduced by eliminating street openings and risk of damage to other utilities. Insituform[®] CIPP can generally be installed and completed in less on-the-job time than traditional open cut construction methods.

Offers more convenience to commerce and public - Little inconvenience is caused to the public, commercial business or existing utility operations because excavations are generally eliminated. Little work space is needed for installation. This alone means fewer restrictions on access to property and shops and greater assurance of safety.

Longevity - For normal applications, such as gravity sewers, the service life of Insituform[®] CIPP can be expected to approach fifty years. Service life of Insituform[®] CIPP is a function of the temperature, pressure, velocity, and chemical and abrasive properties of the materials being carried.

Custom-Engineered - Insituform[®] tubes are custom-engineered to optimize total life performance using time-proven formulas. These take into account requirements for diameter, length, condition of pipe, flow rates, temperature, pressure and corrosiveness of the materials being carried.

INSITUFORM, STANDARD INSTALLATION PROCESS

The standard Insituform[®] process has been used throughout the world for the rehabilitation of over 25,000 miles, of pipe ranging in size from 6" to 120". The process uses a resin-impregnated, flexible felt tube which is installed into and through an existing pipe using water or air pressure. While the liner is held tightly against the host pipe, hot water, steam or Ultra-violet (UV) light is utilized to cure the thermosetting, or light-cured resin.

The flexible resin tube can accommodate various pipe shapes - round, square, rectangular, oval or arched. The Insituform[®] tube can negotiate bends, elbows, missing sections, offset joints, misalignment and steep slopes. Standard applications include process and sanitary sewer, storm drains, process lines, slurry lines, force mains and siphons. Resin systems used include polyester, vinyl ester and epoxy, designed to meet service requirements. Installation lengths typically range from 250 feet to over 2,500 feet, depending on pipe size and condition. Service laterals are re-opened internally using robotic cutters.



Insituform Technologies, LLC
17988 Edison Avenue
Chesterfield, MO 63005
Tel: 636.530.8000
Fax: 636.530.8744
www.insituform.com

February 6, 2020

RE: Installer Certification

To Whom It May Concern:

Please be advised that Insituform Technologies, LLC is vertically integrated pipeline Rehabilitation Company. As such, Insituform is not only the manufacturer of the cured-in-place pipeline rehabilitation system of the same name, but also offers the benefits of the full research and development department, engineers on staff for design of products to suit each individual situation, and regional contracting offices that perform all field services including installation.

This letter shall serve to certify that Insituform Technologies, LLC is authorized to install Insituform products supplied by Insituform Technologies, LLC.

Sincerely,

INSITUFORM TECHNOLOGIES, LLC

Eugene Zaltsman
Sr. Applications Engineer



Insituform Technologies, LLC
17988 Edison Avenue
Chesterfield, MO 63005
Tel: 636.530.8000
Fax: 636.530.8744
www.insituform.com

CERTIFICATE OF COMPLIANCE

February 6, 2020

To Whom It May Concern:

This letter certifies that INSITUFORM tubes are manufactured in Batesville, Mississippi, USA, by Insituform Technologies, LLC and meet all relevant specifications for a cured-in-place pipe product: ASTM D 5813, ASTM F 1216, and ASTM F 1743. Insituform tubes have been manufactured in the USA since 1981.

The finished tube is manufactured using multiple layers of polyester felt, with one layer coated with Polypropylene plastic. The layers are cut/slit to the desired width, and sewn concentrically to form the final tube. The coated layer is also sealed at the seam, using an extrusion or taping process. The extrusion process is used on the standard (inverted) tubes. The standard (inverted) tubes are manufactured with the coated layer on the outside.

Felt production is achieved by a non-woven needle punch process using Polyester fiber. The finished product is tested for thickness under a specified load and for tensile strength in accordance with ASTM D 5813. The fabric tube has a minimum tensile strength of 750 psi (5 MPa) in both the longitudinal and the transverse direction. The seam strength of the tube is also tested on a regular basis and also meets or exceeds the minimum tensile strength of 750 psi (5 MPa) in both longitudinal and transverse direction. For Quality Assurance purposes, the material is also tested for weight and thickness.

All standard (inverted) tubes are run through a dye bath prior to shipment to ensure there are no leaks. Following the inspection process all tubes (except InsituMain, which are used in water lines) are printed with yard marks.

All tubes with tapers, transitions, or any change in tube diameter or thickness are produced under the same specifications, with the same materials, and meet the same material testing requirements as the standard tube.

The quality system used by Insituform Technologies, LLC is ISO 9001:2015 certified.

The end use of the Insituform tube is to rehabilitate sewer and drainage pipes to increase the life of the pipe and prevent a dig and replacement of a pipe.

Please contact us directly with any questions you may have.

Sincerely,

INSITUFORM TECHNOLOGIES, LLC

Eugene Zaltsman
Digitally signed by Eugene Zaltsman
Date: 2020.02.06 08:04:14 -06'00'

Eugene Zaltsman
Sr. Applications Engineer



CERTIFICATE OF REGISTRATION

This is to certify that

Insituform Technologies, LLC

Headquarters

17999 Edison Avenue, Chesterfield, Missouri, 63005, USA

Refer to Attachment to Certificate of Registration dated March 17, 2020 for additional certified sites
operates a

Quality Management System

which complies with the requirements of

ISO 9001:2015

for the following scope of certification

Design, development, manufacturing and installation of products for the rehabilitation of pipelines using trenchless technology. Certification of installation services is non-transferrable and applies only when performed directly by Insituform Technologies, LLC.

Certificate No.: CERT-0133635
File No.: 1650845
Issue Date: March 17, 2020

Original Certification Date: February 11, 2014
Certification Effective Date: March 16, 2020
Certification Expiry Date: March 13, 2023

Heather Mahon
Global Head of Technical Services
SAI Global Assurance



Registered by:
QMI-SAI Canada Limited (SAI Global), 20 Carlson Court, Suite 200, Toronto, Ontario M9W 7K6 Canada. This registration is subject to the SAI Global Terms and Conditions for Certification. While all due care and skill was exercised in carrying out this assessment, SAI Global accepts responsibility only for proven negligence. This certificate remains the property of SAI Global and must be returned to them upon request.
To verify that this certificate is current, please refer to the SAI Global On-Line Certification Register:
https://www.sai-global.com/en-us/assurance/auditing_and_certification/certification_registry/

 **SAI GLOBAL**
INFORM. INSPIRE. IMPROVE.

Contract Qualification Closed Projects (2013 - Present) - Parameter Summary

Proprietary Property and Trade Secret of Arjant, Inc. Unauthorized Use, Dissemination and Disclosure Strictly Prohibited.

Month Ending Date	03-31-2020	
Reporting Entity		
JDE Company Code	00140	
Region		
Owner State		
Project Material Family	AIS:ILS:STD	
Project Manager		
Project Number		
Role		
Project Manager		
Value Range	Start	End
Project Value (\$)		
Bid Proposal Date		
Project Closed Date		
Diameter	36	102
Linear Feet		

Contract Qualification Closed Projects (2013 - Present) - Summary

	AIS	STD	Total	SFR's (tabs)
36	11,379	14,013	25,392	0
37	33		33	
38	270		270	
40	279		279	
41		132	132	
42	6,020	3,791	9,811	
44		385	385	
45	215	62	277	
48	2,106	6,119	8,225	
50		314	314	
53		986	986	
54	2,151	4,762	6,913	
56	156		156	
58		58	58	
60		1,121	1,121	
66		175	175	
72		1,471	1,471	
78		204	204	
Total	22,609	33,593	56,202	

Contract Qualification Closed Projects (2013 - Present) - Detail

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount																		
14162161	Prime	MELBOURNE FL,STORM,RIO LANE & RIO VILLA, SYCAMORE & EBONY	JC	\$34,045.60	\$35,218.60																		
<table border="1"> <thead> <tr> <th>Project Manager</th> <th>Bid Date</th> <th>Project Close Date</th> <th>AIS</th> <th>Total</th> <th>SR's</th> </tr> </thead> <tbody> <tr> <td>Curvel, Brandt Mitchell</td> <td>04-05-2013</td> <td>06-11-2013</td> <td>36</td> <td>41</td> <td>0</td> </tr> <tr> <td colspan="3">Total</td> <td>41</td> <td>41</td> <td></td> </tr> </tbody> </table>						Project Manager	Bid Date	Project Close Date	AIS	Total	SR's	Curvel, Brandt Mitchell	04-05-2013	06-11-2013	36	41	0	Total			41	41	
Project Manager	Bid Date	Project Close Date	AIS	Total	SR's																		
Curvel, Brandt Mitchell	04-05-2013	06-11-2013	36	41	0																		
Total			41	41																			
<table border="1"> <thead> <tr> <th>Customer</th> <th>Owner</th> </tr> </thead> <tbody> <tr> <td>City of Melbourne, FL-Public Works</td> <td>City of Melbourne, FL</td> </tr> <tr> <td>2891 Harper Rd. Brevard Melbourne FL 32904-1154</td> <td>2891 Harper Road Brevard Melbourne FL 32904-1154</td> </tr> <tr> <td>+1 321 9536286</td> <td>+1 321 6745726</td> </tr> </tbody> </table>						Customer	Owner	City of Melbourne, FL-Public Works	City of Melbourne, FL	2891 Harper Rd. Brevard Melbourne FL 32904-1154	2891 Harper Road Brevard Melbourne FL 32904-1154	+1 321 9536286	+1 321 6745726										
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2891 Harper Rd. Brevard Melbourne FL 32904-1154	2891 Harper Road Brevard Melbourne FL 32904-1154																						
+1 321 9536286	+1 321 6745726																						

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount																		
14162163	Prime	MELBOURNE FL,STORM,VARIOUS LOC MISC. STORM DRAINS	JC	\$239,340.10	\$261,494.30																		
<table border="1"> <thead> <tr> <th>Project Manager</th> <th>Bid Date</th> <th>Project Close Date</th> <th>STD</th> <th>Total</th> <th>SR's</th> </tr> </thead> <tbody> <tr> <td>Curvel, Brandt Mitchell</td> <td>07-19-2013</td> <td>10-01-2013</td> <td>36</td> <td>78</td> <td>0</td> </tr> <tr> <td colspan="3">Total</td> <td>78</td> <td>78</td> <td></td> </tr> </tbody> </table>						Project Manager	Bid Date	Project Close Date	STD	Total	SR's	Curvel, Brandt Mitchell	07-19-2013	10-01-2013	36	78	0	Total			78	78	
Project Manager	Bid Date	Project Close Date	STD	Total	SR's																		
Curvel, Brandt Mitchell	07-19-2013	10-01-2013	36	78	0																		
Total			78	78																			
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+1 321 9536286	+1 321 6745726																						



JDE Job Number	14162171	Role	Prime	Project Description	MELBOURNE FL, RELEASE#1, STORM STORM DRAIN REH, PO#14001047-00	Project Status	JIC	Contract Value	\$229,273.76	Final Contract Amount	\$239,154.60
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Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Curvel, Brandt Mitchell	03-04-2014	06-20-2014	36	33	0
			42	1,129	
			Total	1,162	1,162

Customer	City of Melbourne, FL	Owner	City of Melbourne, FL
	2891 Harper Road		2891 Harper Road
	Brevard		Brevard
	Melbourne FL 32904-1154		Melbourne FL 32904-1154
	+1 321 6745726		+1 321 6745726

JDE Job Number	14162172	Role	Prime	Project Description	MELBOURNE FL, RELEASE#2, STORM STORM DRAIN REH, PO#14001047-00	Project Status	JIC	Contract Value	\$172,479.70	Final Contract Amount	\$180,791.50
----------------	----------	------	-------	---------------------	--	----------------	-----	----------------	--------------	-----------------------	--------------

Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Curvel, Brandt Mitchell	09-18-2014	11-11-2014	36	536	0
			Total	536	536

Customer	City of Melbourne, FL	Owner	City of Melbourne, FL
	2891 Harper Road		2891 Harper Road
	Brevard		Brevard
	Melbourne FL 32904-1154		Melbourne FL 32904-1154
	+1 321 6745726		+1 321 6745726

JDE Job Number	14172505	Role	Prime	Project Description	JEA, ALAMO DR., PO#130773 ALAMO&UTAH TRUNK SEWER LINING	Project Status	JIC	Contract Value	\$490,569.47	Final Contract Amount	\$560,462.27
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Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Curvel, Brandt Mitchell	08-29-2013	11-22-2013	48	1,510	0
			Total	1,510	1,510

Customer	Owner
Jacksonville Electric Authority(JEA)- Jacksonville, FL-Water & Sewer Division	Jacksonville Electric Authority(JEA)- Jacksonville, FL-Water & Sewer Division
21 West Church Street Duval Jacksonville FL 32202-3111	21 West Church Street Duval Jacksonville FL 32202-3111
+1 904 6328011	+1 904 6328011

JDE Job Number	14172510	Role	Prime	Project Description	JEA,MONTANA TO MANNING AVE. CIPP LINING PH.II,BROADCAST PL	Project Status	JC	Contract Value	\$687,529.72	Final Contract Amount	\$735,850.62
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Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Curvel, Brandt Mitchell	01-22-2015	05-22-2015	48	1,661	0
			Total	1,661	1,661

Customer	Owner
Jacksonville Electric Authority(JEA)- Jacksonville, FL-Water & Sewer Division	Jacksonville Electric Authority(JEA)- Jacksonville, FL-Water & Sewer Division
21 West Church Street Duval Jacksonville FL 32202-3111	21 West Church Street Duval Jacksonville FL 32202-3111
+1 904 6328011	+1 904 6328011

JDE Job Number	14172512	Role	Prime	Project Description	JEA,JAXX LANDING,PO#151019 JACKSONVILLE LANDING PROJECT	Project Status	JC	Contract Value	\$687,212.08	Final Contract Amount	\$646,414.93
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Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Curvel, Brandt Mitchell	12-14-2015	02-19-2016	53	986	0
			Total	986	986

Customer	Owner
Jacksonville Electric Authority(JEA)- Jacksonville, FL-Water & Sewer Division	Jacksonville Electric Authority(JEA)- Jacksonville, FL-Water & Sewer Division
21 West Church Street Duval Jacksonville FL 32202-3111	21 West Church Street Duval Jacksonville FL 32202-3111
+1 904 6328011	+1 904 6328011

JDE Job Number	14173902	Role	Prime	Project Description	TAMPA FL CT#12-C-00001.WO#9-15 PO#OST12500027+P#POSS13100045	Project Status	JC	Contract Value	\$782,470.79	Final Contract Amount	\$1,263,019.29
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Project Manager	Gerber, Brandon Wayne	Bid Date	03-20-2012	Project Close Date	10-31-2013	STD	36	Total	3,678	SR's	0
						Total	3,678		3,678		

Customer	City of Tampa, FL	Owner	City of Tampa, FL
1506 Street Louis Street	Hillsborough	1506 Street Louis Street	Hillsborough
Tampa FL 33602	Tampa FL 33602	Tampa FL 33602	Tampa FL 33602
+1 813 2748916		+1 813 2748916	

JDE Job Number	141757	Role	Prime	Project Description	FLORIDA DEPT.OF TRANS.,VOLUSIA CT#E5061,FIN#42798617206	Project Status	JC	Contract Value	\$1,676,267.79	Final Contract Amount	\$1,571,076.60
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Project Manager	Curvel, Brandt Mitchell	Bid Date	06-05-2012	Project Close Date	05-31-2017	AIS	36	Total	1,560	SR's	0
						Total	42		752		
						Total	2,312		2,312		

Customer	Department of Transportation - State of Florida-Deland,FL-District 5	Owner	Department of Transportation - State of Florida-Deland,FL-District 5
719 South Woodland Boulevard	Volusia	719 South Woodland Boulevard	Volusia
Deland FL 32720	Deland FL 32720	Deland FL 32720	Deland FL 32720
+1 386 9435475		+1 386 9435475	

JDE Job Number	141753	Role	Prime	Project Description	DUNEDIN FL, PC#017215 STORM WATER FV2012-PROJ#530203	Project Status	JC	Contract Value	\$447,064.49	Final Contract Amount	\$474,487.50
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Project Manager	Gerber, Brandon Wayne	Bid Date	08-16-2012	Project Close Date	06-19-2013	STD	48	Total	175	SR's	0
						Total	175		175		

Customer	City of Dunedin, FL	Owner	City of Dunedin, FL
1140 Highland Avenue	Pinellas	1140 Highland Avenue	Pinellas
Dunedin FL 34698-4918	Dunedin FL 34698-4918	Dunedin FL 34698-4918	Dunedin FL 34698-4918
+1 727 7381894		+1 727 7381894	

JDE Job Number	14177507	Role	Prime	Project Description	TALLAHASSEE FL, RELIF, VAR, LOC. PO#COTLH-0001048072, VAR, LOC.	Project Status	JC	Contract Value	\$399,016.60	Final Contract Amount	\$399,103.90	
Project Manager	Curvel, Brandt Mitchell	Bid Date	04-18-2014	Project Close Date	10-31-2014							
Customer	City of Tallahassee, FL-Adams Street	Owner	City of Tallahassee, FL-Adams Street									
	408 N. Adams Street		408 N. Adams Street									
	Leon		Leon									
	Tallahassee FL 32301		Tallahassee FL 32301									
	+1 850 8911303		+1 850 8911303									
				AIS	STD	Total	SR's					
				36	627	60	687	0				
				Total	627	60	687					

JDE Job Number	141796	Role	Prime	Project Description	PINELLAS CO. FL, AIRPORT TIER 1 DRAINAGE, C123-0147-CPDF	Project Status	JC	Contract Value	\$701,070.00	Final Contract Amount	\$731,057.50	
Project Manager	Gerber, Brandon Wayne	Bid Date	03-19-2013	Project Close Date	08-23-2013							
Customer	Pinellas County, FL-Clearwater, FL-Utilities	Owner	Pinellas County, FL-Clearwater, FL-Utilities									
	14 South Fort Harrison Avenue		14 South Fort Harrison Avenue									
	Pinellas		Pinellas									
	Clearwater FL 33756-5146		Clearwater FL 33756-5146									
	+1 727 4643588		+1 727 4643588									
				AIS	Total	SR's						
				36	225	225	0					
				Total	225	225						

JDE Job Number	14179801	Role	Prime	Project Description	JACKSONVILLE FL, PO#307753 CIPP REHAB, RFQ-0037-13	Project Status	JC	Contract Value	\$736,372.00	Final Contract Amount	\$707,545.00
Project Manager	Curvel, Brandt Mitchell	Bid Date	06-26-2013	Project Close Date	11-08-2013						
Customer	City of Jacksonville, FL	Owner	City of Jacksonville, FL								
	609 Street, Johns Bluff Road North		609 Street, Johns Bluff Road North								
	Duval		Duval								
	Jacksonville FL 32225		Jacksonville FL 32225								
	+1 904 4722900		+1 904 4722900								
				AIS	STD	Total	SR's				
				40	120	120	0				
				42	550	550					
				60		43	43				
				72		405	405				
				Total	670	448	1,118				

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount
14179802	Prime	JACKSONVILLE FL PO#307753:2 BID A SITES #1-#16 (CIPP)	JC	\$599,126.00	\$598,103.00
Project Manager					
		Bid Date	Project Close Date		
	Curvel, Brandt Mitchell	06-26-2013	12-20-2013		
Customer					
	City of Jacksonville, FL	Owner			
	609 Street Johns Bluff Road North	City of Jacksonville, FL			
	Duval Jacksonville FL 32225	Duval Jacksonville FL 32225			
	+1 904 4722900	+1 904 4722900			
			AIS	Total	SR's
			36	1,067	1,067
			37	33	33
			38	270	270
			42	44	44
			45	215	215
			56	156	156
Total			1,785	1,785	1,785

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount
14179803	Prime	JACKSONVILLE FL PO#307753:3 BID A SITES #1-#11 (CIPP)	JC	\$274,687.00	\$274,687.00
Project Manager					
		Bid Date	Project Close Date		
	Curvel, Brandt Mitchell	02-26-2014	06-13-2014		
Customer					
	City of Jacksonville, FL	Owner			
	609 Street Johns Bluff Road North	City of Jacksonville, FL			
	Duval Jacksonville FL 32225	Duval Jacksonville FL 32225			
	+1 904 4722900	+1 904 4722900			
			AIS	Total	SR's
			40	159	159
			42	500	500
Total			659	659	659

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount
14179804	Prime	JACKSONVILLE FL SITES 1-9 CIPP FOR SITES #1-9	JC	\$374,505.00	\$373,607.00
Project Manager					
		Bid Date	Project Close Date		
	Curvel, Brandt Mitchell	04-02-2014	07-25-2014		
Customer					
	City of Jacksonville, FL	Owner			
	609 Street Johns Bluff Road North	City of Jacksonville, FL			
	Duval Jacksonville FL 32225	Duval Jacksonville FL 32225			
	+1 904 4722900	+1 904 4722900			
			AIS	Total	SR's
			42	601	601
			48	400	400
Total			1,001	1,001	1,001

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount																																																																																																																																																									
14179805	Prime	JACKSONVILLE FL, SITES 1-12 SITES #1-12 - PO#307753	JC	\$433,319.00	\$447,680.00																																																																																																																																																									
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14179811	Prime	JACKSONVILLE FL,PO#307753:11 BID 2-10-16, SITES #1-#9 CIPP	JC	\$331,615.10	\$331,604.10																																																																																																																
<table border="1"> <thead> <tr> <th>Project Manager</th> <th>Bid Date</th> <th>Project Close Date</th> <th>ALS</th> <th>Total</th> <th>SR's</th> </tr> </thead> <tbody> <tr> <td>Curvel, Brandt Mitchell</td> <td>02-10-2016</td> <td>06-09-2016</td> <td>36</td> <td>30</td> <td>0</td> </tr> <tr> <td colspan="3">Total</td> <td>42</td> <td>170</td> <td></td> </tr> <tr> <td colspan="3">Total</td> <td>200</td> <td>200</td> <td></td> </tr> </tbody> </table>						Project Manager	Bid Date	Project Close Date	ALS	Total	SR's	Curvel, Brandt Mitchell	02-10-2016	06-09-2016	36	30	0	Total			42	170		Total			200	200																																																																																									
Project Manager	Bid Date	Project Close Date	ALS	Total	SR's																																																																																																																
Curvel, Brandt Mitchell	02-10-2016	06-09-2016	36	30	0																																																																																																																
Total			42	170																																																																																																																	
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+1 904 4722900	+1 904 4722900																																																																																																																				

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount
14179812	Prime	JACKSONVILLE FL,PO#307753:12 BID A,GRUNTHAL ST. & 27TH ST.	JC	\$204,830.70	\$200,630.70
Project Manager					
Curvel, Brandt Mitchell		Bid Date: 05-18-2016 Project Close Date: 09-07-2016			
		48	455	455	0
		54	241	241	
		Total	696	696	
Customer					
City of Jacksonville, FL		City of Jacksonville, FL			
609 Street Johns Bluff Road North		609 Street Johns Bluff Road North			
Duval		Duval			
Jacksonville FL 32225		Jacksonville FL 32225			
+1 904 4722900		+1 904 4722900			
JDE Job Number					
14179813	Prime	JACKSONVILLE FL,PO#307753:13 BID B,JEFFERSON ST. ADAMS-FORS	JC	\$209,403.00	\$202,603.00
Project Manager					
Curvel, Brandt Mitchell		Bid Date: 06-29-2016 Project Close Date: 01-20-2017			
		36	526	526	0
		Total	526	526	
Customer					
City of Jacksonville, FL		City of Jacksonville, FL			
609 Street Johns Bluff Road North		609 Street Johns Bluff Road North			
Duval		Duval			
Jacksonville FL 32225		Jacksonville FL 32225			
+1 904 4722900		+1 904 4722900			
JDE Job Number					
14179814	Prime	JACKSONVILLE FL,PO#307753:14 BID C,SITTES 1-4,PO#PO307753:14	JC	\$178,403.40	\$177,903.40
Project Manager					
Curvel, Brandt Mitchell		Bid Date: 06-29-2016 Project Close Date: 12-22-2016			
		36	121	121	0
		Total	121	121	
Customer					
City of Jacksonville, FL		City of Jacksonville, FL			
609 Street Johns Bluff Road North		609 Street Johns Bluff Road North			
Duval		Duval			
Jacksonville FL 32225		Jacksonville FL 32225			
+1 904 4722900		+1 904 4722900			

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount
14179815	Prime	JACKSONVILLE FL,PO#307753:15 SITES 1-12,PO#P0307753:15	JC	\$444,565.30	\$419,558.30
Project Manager		Bid Date	Project Close Date		
		09-14-2016	12-04-2017		
Customer		Owner			
City of Jacksonville, FL		City of Jacksonville, FL			
609 Street Johns Bluff Road North		609 Street Johns Bluff Road North			
Duvall		Duvall			
Jacksonville FL 32225		Jacksonville FL 32225			
+1 904 4722900		+1 904 4722900			
			AIS	STD	Total
			36	167	252
			42	352	419
			48	68	68
			Total	519	839
			SR's		0
			Contract Value		\$444,565.30
			Final Contract Amount		\$419,558.30

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount
14179815	Prime	JACKSONVILLE FL,PO#307753:16 & SITES 1-7,PO#P0307753:16 & 17	JC	\$309,464.50	\$309,454.50
Project Manager		Bid Date	Project Close Date		
		12-07-2016	03-17-2017		
Customer		Owner			
City of Jacksonville, FL		City of Jacksonville, FL			
609 Street Johns Bluff Road North		609 Street Johns Bluff Road North			
Duvall		Duvall			
Jacksonville FL 32225		Jacksonville FL 32225			
+1 904 4722900		+1 904 4722900			
			AIS	Total	SR's
			36	374	374
			Total	374	374
			Contract Value		\$309,464.50
			Final Contract Amount		\$309,454.50

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount
14179818	Prime	JACKSONVILLE FL,PO#307753:18 SITE 1,PO#P0307753:18,BID B	JC	\$65,590.40	\$65,590.40
Project Manager		Bid Date	Project Close Date		
		04-05-2017	07-11-2017		
Customer		Owner			
City of Jacksonville, FL		City of Jacksonville, FL			
609 Street Johns Bluff Road North		609 Street Johns Bluff Road North			
Duvall		Duvall			
Jacksonville FL 32225		Jacksonville FL 32225			
+1 904 4722900		+1 904 4722900			
			AIS	Total	SR's
			36	399	399
			Total	399	399
			Contract Value		\$65,590.40
			Final Contract Amount		\$65,590.40

Customer	City of Jacksonville, FL	City of Jacksonville, FL
609 Street Johns Bluff Road North	609 Street Johns Bluff Road North	609 Street Johns Bluff Road North
Duvall	Duvall	Duvall
Jacksonville FL 32225	Jacksonville FL 32225	Jacksonville FL 32225
+1 904 4722900	+1 904 4722900	+1 904 4722900

JDE Job Number	14179819	Role	Prime	Project Description	JACKSONVILLE FL,PO#307753:20 SITES 1-1,PO#P0307753:20,HOLLY	Project Status	JC	Contract Value	\$339,290.30	Final Contract Amount	\$293,741.45																	
Project Manager	Curvel, Brandt Mitchell	Bid Date	05-17-2017	Project Close Date	04-19-2018																							
Customer	City of Jacksonville, FL 609 Street Johns Bluff Road North Duvall Jacksonville FL 32225 +1 904 4722900	Owner	City of Jacksonville, FL 609 Street Johns Bluff Road North Duvall Jacksonville FL 32225 +1 904 4722900																									
				<table border="1"> <thead> <tr> <th></th> <th>AIS</th> <th>STD</th> <th>Total</th> <th>S.R's</th> </tr> </thead> <tbody> <tr> <td>36</td> <td>242</td> <td></td> <td>242</td> <td>0</td> </tr> <tr> <td>48</td> <td></td> <td>467</td> <td>467</td> <td></td> </tr> <tr> <td>Total</td> <td>242</td> <td>467</td> <td>709</td> <td></td> </tr> </tbody> </table>			AIS	STD	Total	S.R's	36	242		242	0	48		467	467		Total	242	467	709				
	AIS	STD	Total	S.R's																								
36	242		242	0																								
48		467	467																									
Total	242	467	709																									

JDE Job Number	14179820	Role	Prime	Project Description	JACKSONVILLE FL,PO#307753:21 SITES 1-8,PO#P0307753:21,BAY	Project Status	JC	Contract Value	\$496,805.00	Final Contract Amount	\$252,370.00													
Project Manager	Curvel, Brandt Mitchell	Bid Date	07-12-2017	Project Close Date	02-22-2018																			
Customer	City of Jacksonville, FL 609 Street Johns Bluff Road North Duvall Jacksonville FL 32225 +1 904 4722900	Owner	City of Jacksonville, FL 609 Street Johns Bluff Road North Duvall Jacksonville FL 32225 +1 904 4722900																					
				<table border="1"> <thead> <tr> <th></th> <th>STD</th> <th>Total</th> <th>S.R's</th> </tr> </thead> <tbody> <tr> <td>36</td> <td>623</td> <td>623</td> <td>0</td> </tr> <tr> <td>42</td> <td>85</td> <td>85</td> <td></td> </tr> <tr> <td>Total</td> <td>708</td> <td>708</td> <td></td> </tr> </tbody> </table>			STD	Total	S.R's	36	623	623	0	42	85	85		Total	708	708				
	STD	Total	S.R's																					
36	623	623	0																					
42	85	85																						
Total	708	708																						

JDE Job Number	14179821	Role	Prime	Project Description	JACKSONVILLE FL,PO#307753:22 SITES 1-10 JOLYNN PO307753:22	Project Status	JC	Contract Value	\$354,671.00	Final Contract Amount	\$353,197.00																					
Project Manager	Curvel, Brandt Mitchell	Bid Date	12-06-2017	Project Close Date	03-15-2018																											
Customer	City of Jacksonville, FL 609 Street Johns Bluff Road North Duvall Jacksonville FL 32225 +1 904 4722900	Owner	City of Jacksonville, FL 609 Street Johns Bluff Road North Duvall Jacksonville FL 32225 +1 904 4722900																													
				<table border="1"> <thead> <tr> <th></th> <th>STD</th> <th>Total</th> <th>S.R's</th> </tr> </thead> <tbody> <tr> <td>36</td> <td>180</td> <td>180</td> <td>0</td> </tr> <tr> <td>48</td> <td>65</td> <td>65</td> <td></td> </tr> <tr> <td>60</td> <td>49</td> <td>49</td> <td></td> </tr> <tr> <td>72</td> <td>110</td> <td>110</td> <td></td> </tr> <tr> <td>Total</td> <td>384</td> <td>384</td> <td></td> </tr> </tbody> </table>			STD	Total	S.R's	36	180	180	0	48	65	65		60	49	49		72	110	110		Total	384	384				
	STD	Total	S.R's																													
36	180	180	0																													
48	65	65																														
60	49	49																														
72	110	110																														
Total	384	384																														



JDE Job Number	14179822	Role	Prime	Project Description	JACKSONVILLE FL, PO#307753:23 SITES 1-8 CIPP REH PO307753:23	Project Status	JC	Contract Value	\$314,615.00	Final Contract Amount	\$913,150.00
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Project Manager	Curvel, Brandt Mitchell	Bid Date	08-15-2018	Project Close Date	12-21-2018	AIS	42	Total	260	SR's	0
						Total	260		260		

Customer	City of Jacksonville, FL	Owner	City of Jacksonville, FL
609 Street Johns Bluff Road North	Duval	809 Street Johns Bluff Road North	Duval
Jacksonville FL 32225	Jacksonville FL 32225	Jacksonville FL 32225	Jacksonville FL 32225
+1 904 4722900	+1 904 4722900		

JDE Job Number	14180001	Role	Prime	Project Description	DAYTONA BEACH, FL - WQ#1 PO#0000004237-MILKW. 158	Project Status	JC	Contract Value	\$539,538.65	Final Contract Amount	\$337,613.83
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Project Manager	Curvel, Brandt Mitchell	Bid Date	06-10-2015	Project Close Date	06-21-2016	STD	36	Total	450	SR's	0
						Total	450		450		

Customer	City of Daytona Beach, FL	Owner	City of Daytona Beach, FL
3651 LPGA Boulevard	Volusia	3651 LPGA Boulevard	Volusia
Daytona Beach FL 32115-2451	Daytona Beach FL 32115-2451	Daytona Beach FL 32115-2451	Daytona Beach FL 32115-2451
+1 386 6718610	+1 386 6718610		

JDE Job Number	141803	Role	Prime	Project Description	FLORIDA DEPT. OF TRANS. CT#E5Q97 FIN#42798617207, STORM DRAIN	Project Status	JC	Contract Value	\$264,559.90	Final Contract Amount	\$261,694.70
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Project Manager	Curvel, Brandt Mitchell	Bid Date	06-04-2013	Project Close Date	12-05-2013	AIS	36	Total	503	SR's	0
						Total	503		503		

Customer	Department of Transportation - State of Florida-Deland, FL-District 5	Owner	Department of Transportation - State of Florida-Deland, FL-District 5
719 South Woodland Boulevard	Volusia	719 South Woodland Boulevard	Volusia
DeLand FL 32720	DeLand FL 32720	DeLand FL 32720	DeLand FL 32720
+1 386 9435475	+1 386 9435475		

JDE Job Number	141812	Role	Prime	Project Description	FLORIDA DEPT. OF TRANS. CT#E5080 FIN#42927817205.DRAINAGE&STRUC	Project Status	JC	Contract Value	\$1,361,717.40	Final Contract Amount	\$1,298,598.60
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Project Manager	Bid Date	Project Close Date	AIS	STD	Total	SR's
Curvel, Brandt Mitchell	09-06-2013	04-11-2014	36	1,011	1,011	0
			42	268	268	
			48	664	664	
			54		1,073	1,073
			Total	1,943	1,073	3,016

JDE Job Number	141814	Role	Sub	Project Description	TLC DIVERSIFIED, ORLANDO FL CONSERV I FLOWLIS 69.P01316-11	Project Status	JC	Contract Value	\$70,240.00	Final Contract Amount	\$95,414.00
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Project Manager	Bid Date	Project Close Date	STD	Total	SR's	
Gerber, Brandon Wayne	04-12-2013	03-21-2014	35	140	140	0
			Total	140	140	

Customer	City of Orlando, FL	Owner	City of Orlando, FL
	400 South Orange Avenue		400 South Orange Avenue
	Orange Orlando FL 32801-3360		Orange Orlando FL 32801-3360
	+1 407 2463222		+1 407 2463222

JDE Job Number	141815	Role	Sub	Project Description	PROLINE VACTOR SVCS-PALM BEACH FDOT #T4331	Project Status	JC	Contract Value	\$124,800.00	Final Contract Amount	\$121,300.00
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Project Manager	Bid Date	Project Close Date	STD	Total	SR's	
Kendrix, Frank A	09-04-2013	10-03-2013	54	390	390	0
			Total	390	390	

Customer	Department of Transportation - State of Florida, FL	Owner	Department of Transportation - State of Florida, FL - *Main Office - Tallahassee, FL
	605 Suwannee Street		605 Suwannee Street
	Leon Tallahassee FL 32399		Leon Tallahassee FL 32399
	+1 850 4144100		+1 850 4144100

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount
141817	Sub	VAC/VISION ENVIRONMENTAL, LLC DEWEY, DUVAL & DENT-TALLAHASSEE	JC	\$136,285.00	\$122,535.00
Project Manager					
Gerber, Brandon Wayne		Bid Date: 09-05-2013 Project Close Date: 10-25-2013			
Customer					
City of Tallahassee, FL-Adams Street		City of Tallahassee, FL-Adams Street			
408 N. Adams Street		408 N. Adams Street			
Leon		Leon			
Tallahassee FL 32301		Tallahassee FL 32301			
+1 850 8911303		+1 850 8911303			
Summary					
		STD	Total	SR's	
		36	1,100	1,100	0
		Total	1,100	1,100	
JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount
141839	Sub	WW ENGINEERING -FDOT US 98 STORM REHAB	JC	\$53,900.00	\$53,900.00
Project Manager					
Gerber, Brandon Wayne		Bid Date: 01-06-2014 Project Close Date: 03-06-2014			
Customer					
WW Engineering		Department of Transportation - State of Florida, Fl - *Main Office - Tallahassee, FL			
1111111		605 Suwannee Street			
Duval		Leon			
Jacksonville FL 32202		Tallahassee FL 32399			
+1 111111111		+1 850 4144100			
Summary					
		STD	Total	SR's	
		60	110	110	0
		Total	110	110	
JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount
141850	Sub	EVANS CONTRACTING SERV., FDOT I-95&BLANDING BLVD. FDOT E2335	JC	\$550,351.20	\$35,615.20
Project Manager					
Curvel, Brandt Mitchell		Bid Date: 12-11-2013 Project Close Date: 05-16-2014			
Customer					
Evans Contracting Services, Inc.		Department of Transportation - State of Florida-Jacksonville, FL- District ??			
320 Foxhall Ave.		5301-A N.E. 39th Ave.			
Middletown FL 32068		Alachua			
+1 904 2820155		Gainesville FL 32609			
		+1 904 8951200			
Summary					
		STD	Total	SR's	
		54	2,151	2,151	0
		Total	2,151	2,151	

JDE Job Number	14187401	Role	Prime	Project Description	POLK CO. BOARD/COM. IMPERIAL L LAKES, RELEASE 2, CIPP INSTALL	Project Status	JC	Contract Value	\$142,943.80	Final Contract Amount	\$143,859.50
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Project Manager	Gerber, Brandon Wayne	Bid Date	05-23-2014	Project Close Date	10-24-2014	STD	36	Total	377	SR's	0
						Total	36	377	377		

Customer	Polk County, FL-Bartow, FL- Public Works Dept	Owner	Polk County, FL-Bartow, FL- Public Works Dept
	4177 Ben Durrance Road		4177 Ben Durrance Road
	Polk		Polk
	Bartow FL 33830-9433		Bartow FL 33830-9433
	+1 863 5340991		+1 863 5340991

JDE Job Number	14187403	Role	Prime	Project Description	POLK CO. BRD., PINE LAKE & CR57 DEERBROOK, CR57, SHEPHERD RD.	Project Status	JC	Contract Value	\$147,351.30	Final Contract Amount	\$151,951.80
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Project Manager	Gerber, Brandon Wayne	Bid Date	03-04-2016	Project Close Date	05-12-2016	STD	36	Total	222	SR's	0
						Total	36	222	222		

Customer	Polk County, FL-Bartow, FL- Public Works Dept	Owner	Polk County, FL-Bartow, FL- Public Works Dept
	4177 Ben Durrance Road		4177 Ben Durrance Road
	Polk		Polk
	Bartow FL 33830-9433		Bartow FL 33830-9433
	+1 863 5340991		+1 863 5340991

JDE Job Number	141899	Role	Sub	Project Description	CALLAWAY CONTRACT, JACKSONVILLE JIA FED EX DRAINAGE REPAIRS	Project Status	JC	Contract Value	\$111,801.40	Final Contract Amount	\$111,801.40
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Project Manager	Curvel, Brandt Mitchell	Bid Date	04-10-2014	Project Close Date	01-29-2015	STD	36	Total	406	SR's	0
						Total	36	406	406		

Customer	Jacksonville Airport Authority	Owner	Jacksonville Airport Authority
	13365 Aeronautical Cir		13365 Aeronautical Cir
	Duval		Duval
	Jacksonville FL 32221-8105		Jacksonville FL 32221-8105
	+1 904 7412056		+1 904 7412056

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount									
141895	Prime	VOLUSIA CO. FL, FAIRVIEW AVE. STORM PIPE LINING, COUNT#1535	JC	\$854,559.50	\$641,993.50									
Project Manager														
Curvel, Brandt Mitchell		Bid Date: 07-24-2014 Project Close Date: 03-05-2015												
Customer														
County of Volusia, FL-Public Works		Owner												
123 West Indiana Ave. Volusia Deland FL 32720-4608		123 West Indiana Ave. Volusia Deland FL 32720-4608												
+1 386 8226422		+1 386 8226422												
<table border="1"> <thead> <tr> <th>STD</th> <th>Total</th> <th>SR's</th> </tr> </thead> <tbody> <tr> <td>54</td> <td>1,607</td> <td>0</td> </tr> <tr> <td>Total</td> <td>1,607</td> <td>1,607</td> </tr> </tbody> </table>						STD	Total	SR's	54	1,607	0	Total	1,607	1,607
STD	Total	SR's												
54	1,607	0												
Total	1,607	1,607												
JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount									
141899	Prime	COCOA BEACH FL, FY 2014 SANIT. SEWER REHAB SRF#MM05062	JC	\$3,213,066.97	\$3,408,664.55									
Project Manager														
Curvel, Brandt Mitchell		Bid Date: 08-12-2014 Project Close Date: 03-31-2016												
Customer														
City of Cocoa Beach, FL		Owner												
375 N Cocoa Boulevard Brevard Cocoa Beach FL 32922-7245		375 N Cocoa Boulevard Brevard Cocoa Beach FL 32922-7245												
+1 321 6397667		+1 321 6397667												
<table border="1"> <thead> <tr> <th>STD</th> <th>Total</th> <th>SR's</th> </tr> </thead> <tbody> <tr> <td>36</td> <td>150</td> <td>0</td> </tr> <tr> <td>Total</td> <td>150</td> <td>150</td> </tr> </tbody> </table>						STD	Total	SR's	36	150	0	Total	150	150
STD	Total	SR's												
36	150	0												
Total	150	150												
JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount									
141901	Prime	ORLANDO FL, RAPER DAIRY ROAD IFB-14-0370, SANIT. REHAB	JC	\$1,434,458.30	\$1,323,590.34									
Project Manager														
Gerber, Brandon Wayne		Bid Date: 09-09-2014 Project Close Date: 07-17-2015												
Customer														
City of Orlando, FL		Owner												
400 South Orange Avenue Orange Orlando FL 32801-3360		400 South Orange Avenue Orange Orlando FL 32801-3360												
+1 407 2463222		+1 407 2463222												
<table border="1"> <thead> <tr> <th>STD</th> <th>Total</th> <th>SR's</th> </tr> </thead> <tbody> <tr> <td>36</td> <td>2,104</td> <td>0</td> </tr> <tr> <td>Total</td> <td>2,104</td> <td>2,104</td> </tr> </tbody> </table>						STD	Total	SR's	36	2,104	0	Total	2,104	2,104
STD	Total	SR's												
36	2,104	0												
Total	2,104	2,104												

JDE Job Number	141911	Role	Sub	Project Description	KIMMINS CONTRACTING, TAMPA FL STORMWATER WORCS, JOB#41407	Project Status	JC	Contract Value	\$39,305.00	Final Contract Amount	\$40,805.00
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Project Manager	Gerber, Brandon Wayne	Bid Date	12-12-2014	Project Close Date	02-13-2015	STD	36	Total	145	SR's	0
						Total	145		145		

Customer	Kimmins Contracting Corp	Owner	County of Hillsborough, FL
	1501 E 2nd Avenue		925 East Twiggs Street
	Hillsborough		Hillsborough
	Tampa FL 33605-5005		Tampa FL 33602
	+1 813 2483978		+1 813 7445600

JDE Job Number	14191209	Role	Prime	Project Description	MIAMI-DADE CO.S-666 ISSUANCE09 CIPP REPAIRS ISSUANCE 09	Project Status	JC	Contract Value	\$897,922.50	Final Contract Amount	\$447,770.03
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Project Manager	Kendrix, Frank A	Bid Date	08-15-2016	Project Close Date	03-20-2017	STD	36	Total	413	SR's	0
						Total	413		413		

Customer	Miami-Dade Water and Sewer - *Main	Owner	Miami-Dade Water and Sewer - *Main
	Office - Miami, FL		Office - Miami, FL
	3071 SW 38 Avenue Suite 561		3071 SW 38 Avenue Suite 561
	Miami-Dade		Miami-Dade
	Miami FL 33173-2503		Miami FL 33173-2503
	+1 305 6697753		+1 305 6697753

JDE Job Number	141913	Role	Prime	Project Description	MIAMI-DADE CO.,RPCP0162,EMERG PUMP STATION#54 BASIN SS REHAB	Project Status	JC	Contract Value	\$326,296.85	Final Contract Amount	\$268,323.51
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Project Manager	Kendrix, Frank A	Bid Date	12-02-2014	Project Close Date	02-27-2015	STD	42	Total	357	SR's	0
						Total	357		357		

Customer	Miami-Dade Water and Sewer - *Main	Owner	Miami-Dade Water and Sewer - *Main
	Office - Miami, FL		Office - Miami, FL
	3071 SW 38 Avenue Suite 561		3071 SW 38 Avenue Suite 561
	Miami-Dade		Miami-Dade
	Miami FL 33173-2503		Miami FL 33173-2503
	+1 305 6697753		+1 305 6697753

JDE Job Number	141919	Role	Sub	Project Description	MASCI CORP, DAYTONA BCH AIRPRT APRON DRAINAGE REHAB DBIA	Project Status	JC	Contract Value	\$90,784.80	Final Contract Amount	\$116,002.80
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Project Manager	Curvel Brandt Mitchell	Bid Date	02-12-2015	Project Close Date	04-10-2015
Customer	Mascl Corp	Owner	City of Daytona Beach, FL		
	5752 South Ridgewood Avenue		3651 LPGA Boulevard		
	- No County Indicated		Volusia		
	Port Orange FL 32127		Daytona Beach FL 32115-2451		
	+1 386 3224500		+1 386 6718610		

JDE Job Number	141924	Role	Prime	Project Description	FLORIDA DOT, COLUMBIA CO. FL TRUNK LINE CIPP CONTR#E2157	Project Status	JC	Contract Value	\$584,444.00	Final Contract Amount	\$584,444.00
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Project Manager	Curvel Brandt Mitchell	Bid Date	02-11-2015	Project Close Date	08-14-2015
Customer	Department of Transportation - State of Florida, FL - Main Office - Tallahassee, FL	Owner	Department of Transportation - State of Florida, FL - Main Office - Tallahassee, FL		
	605 Suwannee Street		605 Suwannee Street		
	Leon		Leon		
	Tallahassee FL 32399		Tallahassee FL 32399		
	+1 850 4144100		+1 850 4144100		

	ALS	STD	Total	Sr's
	36	1,001	1,001	0
	42	245	245	
	48	484	484	
	54		295	295
	60		267	267
Total	1,730		562	2,292

JDE Job Number	14193501	Role	Prime	Project Description	MELBOURNE FL, STORM DRAINS STORM DRAINS VARIOUS LOCATIONS	Project Status	JC	Contract Value	\$83,069.75	Final Contract Amount	\$90,718.20
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Project Manager	Curvel Brandt Mitchell	Bid Date	07-14-2015	Project Close Date	01-06-2016
Customer	City of Melbourne, FL	Owner	City of Melbourne, FL		
	2891 Harper Road		2891 Harper Road		
	Brevard		Brevard		
	Melbourne FL 32904-1154		Melbourne FL 32904-1154		
	+1 321 6745726		+1 321 6745726		

	STD	Total	Sr's
	41	132	0
Total	132	132	

JDE Job Number	14193531	Role	Prime	Project Description	MELBOURNE FL 2017 STORM REL #1 STORM RELEASE #1	Project Status	JC	Contract Value	\$80,006.40	Final Contract Amount	\$79,574.40
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Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Curvel, Brandt Mitchell	02-10-2017	04-13-2017	36	60	0
			42	143	
			Total	203	203

Customer	City of Melbourne, FL	Owner	City of Melbourne, FL
	2891 Harper Road		2891 Harper Road
	Brevard		Brevard
	Melbourne FL 32904-1154		Melbourne FL 32904-1154
	+1 321 6745726		+1 321 6745726

JDE Job Number	14193532	Role	Prime	Project Description	MELBOURNE FL 2018 STORM 2018 STORM REL PO#17001055-00	Project Status	JC	Contract Value	\$131,294.40	Final Contract Amount	\$127,127.50
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Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Curvel, Brandt Mitchell	06-25-2018	09-07-2018	36	143	0
			Total	143	143

Customer	City of Melbourne, FL	Owner	City of Melbourne, FL
	2891 Harper Road		2891 Harper Road
	Brevard		Brevard
	Melbourne FL 32904-1154		Melbourne FL 32904-1154
	+1 321 6745726		+1 321 6745726

JDE Job Number	141950	Role	Prime	Project Description	TALLAHASSEE FL EMERGENCY 42" CIPP REH, PORCOTLH-00010518699	Project Status	JC	Contract Value	\$319,036.50	Final Contract Amount	\$334,941.40
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Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Curvel, Brandt Mitchell	06-21-2015	09-04-2015	42	1,391	0
			Total	1,391	1,391

Customer	City of Tallahassee, FL-Adams Street	Owner	City of Tallahassee, FL-Adams Street
	408 N. Adams Street		408 N. Adams Street
	Leon		Leon
	Tallahassee FL 32301		Tallahassee FL 32301
	+1 850 8911303		+1 850 8911303

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount		
14196002	Prime	WEST PALM BEACH FL,PARKER AVE. PARKER AVE & HILLCREST LINING	JC	\$234,738.80	\$234,738.80		
Project Manager		Bid Date	Project Close Date	STD	Total	SR's	
Kendrix, Frank A		09-24-2018	03-01-2019	48	612	612	0
				Total	612	612	

Customer	Owner	City of West Palm Beach, FL	City of West Palm Beach, FL
1045 A Charlotte Ave., Bldg #2	1045 A Charlotte Ave., Bldg #2	1045 A Charlotte Avenue Building #2	1045 A Charlotte Avenue Building #2
Bldg #2	Bldg #2	Palm Beach	Palm Beach
West Palm Beach FL 33402	West Palm Beach FL 33402		
+1 561 6598079	+1 561 6598079		

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount		
14196003	Prime	WEST PALM BEACH FL,PARKER AVE. PARKER AVE SW CIPP LINING	JC	\$195,330.00	\$192,830.00		
Project Manager		Bid Date	Project Close Date	STD	Total	SR's	
Kendrix, Frank A		10-08-2018	02-15-2019	36	561	561	0
				Total	561	561	

Customer	Owner	City of West Palm Beach, FL	City of West Palm Beach, FL
1045 A Charlotte Ave., Bldg #2	1045 A Charlotte Ave., Bldg #2	1045 A Charlotte Avenue Building #2	1045 A Charlotte Avenue Building #2
Bldg #2	Bldg #2	Palm Beach	Palm Beach
West Palm Beach FL 33402	West Palm Beach FL 33402		
+1 561 6598079	+1 561 6598079		

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount
141963	Prime	MIAMI-DADE CO., RPO#P0179, EMERG BAYSHORE DR. STORM SEWER REPR.	JC	\$298,788.20	\$274,459.83

Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Kendrix, Frank A	10-08-2015	11-05-2015	54	190	0
			Total	190	190

Customer	Owner
Miami-Dade Water and Sewer - *Main Office - Miami, FL	Miami-Dade Water and Sewer - *Main Office - Miami, FL
3071 SW 38 Avenue Suit 561	3071 SW 38 Avenue Suit 561
Miami-Dade	Miami-Dade
Miami FL 33173-2503	Miami FL 33173-2503
+1 305 6697753	+1 305 6697753

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount
141966	Sub	BAKER KLEIN ENG., JAX AIRPORT FED-EX ADDTL. DRAIN REPAIR	JC	\$50,381.30	\$49,060.85

Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Curvel, Brandt Mitchell	07-03-2015	01-29-2016	42	157	0
			Total	157	157

Customer	Owner
Jacksonville Airport Authority	Jacksonville Airport Authority
13365 Aeronautical Cir	13365 Aeronautical Cir
Duval	Duval
Jacksonville FL 32221-8105	Jacksonville FL 32221-8105
+1 904 7412056	+1 904 7412056

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount
14196802	Prime	LARGO FL, SANIT & STORM SANIT & STORM CIPP RELEASE	JC	\$351,545.20	\$448,961.30

Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Duncan, Lee G	02-04-2018	05-29-2019	36	204	0
			Total	204	204

Customer	Owner
City of Largo, FL-1st Ave	City of Largo, FL-1st Ave
225 1st Avenue SW	225 1st Avenue SW
Pinellas	Pinellas
Largo FL 33770-3503	Largo FL 33770-3503
+1 727 5876713	+1 727 5876713

JDE Job Number	141974	Role	Prime	Project Description	INDIAN RIVER CLUB COMM. ASSOC. 72" STORM REHAB,MSA PJ#15-1940	Project Status	JC	Contract Value	\$458,163.00	Final Contract Amount	\$458,163.00
Project Manager	Kendrix, Frank A	Bid Date	12-10-2015	Project Close Date	04-13-2016						
Customer	Indian River Club	Owner	Indian River Club								
	Country Club Rd		Country Club Rd								
	Indian River		Indian River								
	Vero Beach FL 32961		Vero Beach FL 32961								
	+1 555 5555555		+1 555 5555555								

STD	Total	SR's
72	706	0
Total	706	706

JDE Job Number	14198303	Role	Prime	Project Description	JEA,REL.#3,BUCKMANN EMERG. BUCKMAN EMERG.LININGPO#170083	Project Status	JC	Contract Value	\$207,462.60	Final Contract Amount	\$207,462.00
Project Manager	Curvel, Brandt Mitchell	Bid Date	11-06-2017	Project Close Date	01-26-2018						

STD	Total	SR's
78	204	0
Total	204	204

Customer	Jacksonville Electric Authority(JEA)- Jacksonville,FL-Water & Sewer Division	Owner	Jacksonville Electric Authority(JEA)- Jacksonville,FL-Water & Sewer Division
	21 West Church Street Duvall Jacksonville FL 32202-3111		21 West Church Street Duvall Jacksonville FL 32202-3111
	+1 904 6328011		+1 904 6328011

JDE Job Number	14198306	Role	Prime	Project Description	JEA,OLIVE ST,PO#177612 OLIVE ST-TIBBER AVE-PALMER TER	Project Status	JC	Contract Value	\$82,859.05	Final Contract Amount	\$86,194.01
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Project Manager	Curvel, Brandt Mitchell	Bid Date	10-15-2018	Project Close Date	11-16-2018	STD	330	Total	330	SR's	0
						Total	330		330		

Customer	Jacksonville Electric Authority(JEA)- Jacksonville, FL-Water & Sewer Division	Owner	Jacksonville Electric Authority(JEA)- Jacksonville, FL-Water & Sewer Division
	21 West Church Street Duval Jacksonville FL 32202-3111		21 West Church Street Duval Jacksonville FL 32202-3111
	+1 904 6328011		+1 904 6328011

JDE Job Number	14198308	Role	Prime	Project Description	JEA,ARLINGTON E.,PO#180964 ARLINGTON EAST WRF CLARIFIER	Project Status	JC	Contract Value	\$219,567.90	Final Contract Amount	\$219,567.00
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Project Manager	Curvel, Brandt Mitchell	Bid Date	03-06-2019	Project Close Date	05-03-2019	STD	281	Total	281	SR's	0
						Total	281		281		

Customer	Jacksonville Electric Authority(JEA)- Jacksonville, FL-Water & Sewer Division	Owner	Jacksonville Electric Authority(JEA)- Jacksonville, FL-Water & Sewer Division
	21 West Church Street Duval Jacksonville FL 32202-3111		21 West Church Street Duval Jacksonville FL 32202-3111
	+1 904 6328011		+1 904 6328011

JDE Job Number	142011	Role	Prime	Project Description	WEST MELBOURNE FL,PO#16-0524 STORM DRAIN LINING, PO#16-0524	Project Status	JC	Contract Value	\$118,412.70	Final Contract Amount	\$108,578.91
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Project Manager	Curvel, Brandt Mitchell	Bid Date	06-28-2016	Project Close Date	10-28-2016												
<table border="1"> <tr> <td>AIS</td> <td>28</td> <td>Total</td> <td>28</td> <td>SR's</td> <td>0</td> </tr> <tr> <td>Total</td> <td>28</td> <td></td> <td>28</td> <td></td> <td></td> </tr> </table>						AIS	28	Total	28	SR's	0	Total	28		28		
AIS	28	Total	28	SR's	0												
Total	28		28														

Customer	City of West Melbourne, FL	Owner	City of West Melbourne, FL
	1415 Henry Ave		1415 Henry Ave
	Brevard		Brevard
	West Melbourne FL 32904		West Melbourne FL 32904
	+1 321 7277700		+1 321 7277700

JDE Job Number	142019	Role	Prime	Project Description	VENTURA COUNTRY CLUB COMMUNITY 60" CMP WOODGATE BLVD.	Project Status	JC	Contract Value	\$191,609.60	Final Contract Amount	\$191,609.60
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Project Manager	Garber, Brandon Wayne	Bid Date	06-09-2016	Project Close Date	12-09-2016												
<table border="1"> <tr> <td>STD</td> <td>350</td> <td>Total</td> <td>350</td> <td>SR's</td> <td>0</td> </tr> <tr> <td>Total</td> <td>350</td> <td></td> <td>350</td> <td></td> <td></td> </tr> </table>						STD	350	Total	350	SR's	0	Total	350		350		
STD	350	Total	350	SR's	0												
Total	350		350														

Customer	Ventura Country Club Community	Owner	Ventura Country Club Community
	Homeowners Association		Homeowners Association
	3333 Woodgate Boulevard		3333 Woodgate Boulevard
	Orange		Orange
	Orlando FL 32822		Orlando FL 32822
	+1 407 2757002		+1 407 2757002

JDE Job Number	14202033	Role	Prime	Project Description	POMPAÑO BEACH FL,TO#2,PO191308 TO#2,1750 NE 33RD ST,PO#191308	Project Status	JC	Contract Value	\$154,749.80	Final Contract Amount	\$154,749.80
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Project Manager	Kendrix, Frank A	Bid Date	03-25-2019	Project Close Date	09-20-2019												
<table border="1"> <tr> <td>STD</td> <td>425</td> <td>Total</td> <td>425</td> <td>SR's</td> <td>0</td> </tr> <tr> <td>Total</td> <td>425</td> <td></td> <td>425</td> <td></td> <td></td> </tr> </table>						STD	425	Total	425	SR's	0	Total	425		425		
STD	425	Total	425	SR's	0												
Total	425		425														

Customer	City of Pompano Beach, FL	Owner	City of Pompano Beach, FL
	1201 NE 3rd Avenue		1201 NE 3rd Avenue
	Broward		Broward
	Pompano Beach FL 33060		Pompano Beach FL 33060
	+1 954 7864153		+1 954 7864153

JDE Job Number	14202034	Role	Prime	Project Description	POMPANO BEACH FL,T#3,PO191344 TO#1&3,FY19GRAV/MAIN,PO#191344	Project Status	JC	Contract Value	\$163,442.50	Final Contract Amount	\$163,442.50
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Project Manager	Kendrix, Frank A	Bid Date	03-27-2019	Project Close Date	09-20-2019
Customer	City of Pompano Beach, FL	Owner	City of Pompano Beach, FL		
	1201 NE 3rd Avenue		1201 NE 3rd Avenue		
	Broward		Broward		
	Pompano Beach FL 33060		Pompano Beach FL 33060		
	+1 954 7864153		+1 954 7864153		

STD	44	Total	385	SR's	0
Total	385	Total	385		

JDE Job Number	142025	Role	Prime	Project Description	HILLSBOROUGH CO.,EMERGENCY PRJ FAULKENBURG & WOODBURY EMERG.	Project Status	JC	Contract Value	\$146,411.40	Final Contract Amount	\$146,076.50
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Project Manager	Gerber, Brandon Wayne	Bid Date	10-05-2016	Project Close Date	12-16-2016
Customer	County of Hillsborough, FL	Owner	County of Hillsborough, FL		
	925 East Twiggs Street		925 East Twiggs Street		
	Hillsborough		Hillsborough		
	Tampa FL 33602		Tampa FL 33602		
	+1 813 7445600		+1 813 7445600		

STD	36	Total	174	SR's	0
Total	42	Total	58		
Total	232	Total	232		

JDE Job Number	142040	Role	Prime	Project Description	TAMPA FL,PO#117214640 HOWARD F.CURREN JUNCT,CHAMBER2	Project Status	JC	Contract Value	\$611,055.83	Final Contract Amount	\$647,260.28
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Project Manager	Gerber, Brandon Wayne	Bid Date	02-03-2017	Project Close Date	05-12-2017
Customer	City of Tampa, FL	Owner	City of Tampa, FL		
	1506 Street Louis Street		1506 Street Louis Street		
	Hillsborough		Hillsborough		
	Tampa FL 33602		Tampa FL 33602		
	+1 813 2748916		+1 813 2748916		

STD	66	Total	175	SR's	0
Total	175	Total	175		

JDE Job Number	14205904	Role	Prime	Project Description	BOYNTON BEACH FLEISUREVILLE& STORMWATR LEISUREVILLE&GATEWAY	Project Status	JC	Contract Value	\$173,407.80	Final Contract Amount	\$147,097.00
Project Manager	Kendrix, Frank A	Bid Date	01-22-2019	Project Close Date	07-10-2019						
Customer	City of Boynton Beach, FL	Owner	City of Boynton Beach, FL								
	124 East Woolbright Road Palm Beach Boynton Beach FL 33435-6040		124 East Woolbright Road Palm Beach Boynton Beach FL 33435-6040								
	+1 561 7426402		+1 561 7426402								
				STD	Total	SR's					
				54	273	273	0				
				Total	273	273					

JDE Job Number	142062	Role	Prime	Project Description	FLORIDA DOT, COLUMBIA CO. FL CONT#E2WV3.FINAN.PJ#4210237290	Project Status	JC	Contract Value	\$432,716.20	Final Contract Amount	\$432,716.20
Project Manager	Cunuel, Brandt Mitchell	Bid Date	05-17-2017	Project Close Date	09-08-2017						
Customer	Department of Transportation - State of Florida-Lake City, FL-District 2	Owner	Department of Transportation - State of Florida-Lake City, FL-District 2								
	1109 South Marion Avenue Columbia Lake City FL 32025		1109 South Marion Avenue Columbia Lake City FL 32025								
	+1 386 9617800		+1 386 9617800								
				AIS	STD	Total	SR's				
				36	207	207	0				
				42	1,257	1,257					
				48	383	383					
				54	268	268					
				Total	1,947	268	2,115				

JDE Job Number	142064	Role	Prime	Project Description	NASSAU CO BOARD OF CO COMM STORM DRAIN REPAIRS VAR LOC	Project Status	JC	Contract Value	\$295,949.00	Final Contract Amount	\$279,039.00
Project Manager	Cunuel, Brandt Mitchell	Bid Date	01-18-2017	Project Close Date	02-15-2018						
Customer	Nassau County, FL-Yulee, FL	Owner	Nassau County, FL-Yulee, FL								
	96160 Nassau Place Nassau Yulee FL 32097		96160 Nassau Place Nassau Yulee FL 32097								
	+1 904 4917370		+1 904 4917370								
				AIS	Total	SR's					
				36	371	371	0				
				Total	371	371					

JDE Job Number	142066	Role	Prime	Project Description	WEST MELBOURNE FL,STORMSANT. PO#17-1100&17-1101,STORMSANT	Project Status	JC	Contract Value	\$167,179.03	Final Contract Amount	\$167,801.39
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Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Curvel, Brandt Mitchell	06-07-2017	09-20-2017	60	82	0
Total			82	82	

Customer	Owner
City of West Melbourne, FL 1415 Henry Ave Brevard West Melbourne FL 32904 +1 321 7277700	City of West Melbourne, FL 1415 Henry Ave Brevard West Melbourne FL 32904 +1 321 7277700

JDE Job Number	142066	Role	Sub	Project Description	ABBA CONSTRUCTION,MACDILL AFB 15-0004 BASE PAVEMENT,J#2156005	Project Status	JC	Contract Value	\$108,744.86	Final Contract Amount	\$108,744.86
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Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Gerber, Brandon Wayne	06-28-2017	11-09-2017	50	314	0
Total			314	314	

Customer	Owner
US Air Force - Macdill AFB, FL Macdill AFB 9109 Bayshore Blvd Bldg 84 Hillsborough Macdill AFB, FL FL 33601 +1 813 8283984	US Air Force - Macdill AFB, FL Macdill AFB 9109 Bayshore Blvd Bldg 84 Hillsborough Macdill AFB, FL FL 33601 +1 813 8283984

JDE Job Number	14206902	Role	Prime	Project Description	DEERFIELD BEACH, FL - WO2 2017/2018CIP LINING,PO#170170	Project Status	JC	Contract Value	\$188,267.80	Final Contract Amount	\$248,688.20
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Project Manager	Bid Date	Project Close Date	STD	Total	SR's
Kendrix, Frank A	07-01-2019	10-08-2019	36	815	0
Total			815	815	

Customer	Owner
City of Deerfield Beach, FL 290 Goodisby Boulevard Broward Deerfield Beach FL 33442-3002 +1 954 4804270	City of Deerfield Beach, FL 290 Goodisby Boulevard Broward Deerfield Beach FL 33442-3002 +1 954 4804270

JDE Job Number	14206902	Role	Prime	Project Description	PALM COAST FL PROVIDENCE LAND WO#1, PROVIDENCE LAND&CLUBHOUSE	Project Status	JC	Contract Value	\$105,080.80	Final Contract Amount	\$101,542.60
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Project Manager	Curvel, Brandt Mitchell	Bid Date	08-08-2019	Project Close Date	09-27-2019	AIS	119	Total	119	SR's	0
						Total	119		119		

Customer	City of Palm Coast, FL	Owner	City of Palm Coast, FL
2 Utility Drive	2 Utility Drive	Flagler	Flagler
Palm Coast, FL 32137-7392	Palm Coast, FL 32137-7392		
+1 386 9862380	+1 386 9862380		

JDE Job Number	142076	Role	Sub	Project Description	PRINCE CONTRACTING - (US 17) SR 35.FPN#193898 25201	Project Status	JC	Contract Value	\$72,004.61	Final Contract Amount	\$72,004.61
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Project Manager	Gerber, Brandon Wayne	Bid Date	09-24-2017	Project Close Date	11-17-2017	AIS	306	Total	306	SR's	0
						Total	306		306		

Customer	Prince Contracting	Owner	Department of Transportation - State of Florida-Barlow, FL-District 1
162 S. Polk Ave, Suite 500	801 North Broadway Street	DeSoto	Polk
Arcadia, FL 34266	Barlow, FL 33830		
+1 863 4919858	+1 863 5192201		

JDE Job Number	142081	Role	Prime	Project Description	ORANGE PARK COUNTRY CLUB OA LOCH RANE & ENNIS DR.-OPCC HOA	Project Status	JC	Contract Value	\$41,983.00	Final Contract Amount	\$41,982.21
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Project Manager	Curvel, Brandt Mitchell	Bid Date	10-06-2017	Project Close Date	11-03-2017	AIS	302	Total	302	SR's	0
						Total	302		302		

Customer	Orange Park Country Club-Orange Park, FL	Owner	Orange Park Country Club-Orange Park, FL
2388 Country Club Blvd.	2388 Country Club Blvd.	Clay	Clay
Orange Park, FL 32703	Orange Park, FL 32703		
+1 xxx xxxxxxxx	+1 xxx xxxxxxxx		

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount												
142083	Prime	ORANGE PARK, FL (2 Locations) HOLLY POINT RD & LORING AVE.	JC	\$85,834.60	\$85,165.70												
Project Manager																	
Curvel, Brandt Mitchell		Bid Date: 10-25-2017		Project Close Date: 12-06-2017													
Customer																	
Town of Orange Park, FL		Owner		Town of Orange Park, FL													
700 Ash St				700 Ash St													
Clay				Clay													
Orange Park FL 32073-2910				Orange Park FL 32073-2910													
+1 904 2647411				+1 904 2647411													
<table border="1"> <thead> <tr> <th></th> <th>ALS</th> <th>Total</th> <th>SR's</th> </tr> </thead> <tbody> <tr> <td></td> <td>36</td> <td>369</td> <td>0</td> </tr> <tr> <td>Total</td> <td>369</td> <td>369</td> <td>0</td> </tr> </tbody> </table>							ALS	Total	SR's		36	369	0	Total	369	369	0
	ALS	Total	SR's														
	36	369	0														
Total	369	369	0														
JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount												
142086	Sub	HUBBARD CONST. ORANGE COUNTY FL HDRIVE IMPROV. WESTWOOD S TO N	JC	\$79,538.80	\$84,338.80												
Project Manager																	
Gerber, Brandon Wayne		Bid Date: 10-16-2017		Project Close Date: 12-19-2017													
Customer																	
Hubbard Construction CO-Orlando, FL		Owner		Orange County-Orlando, FL													
PO Box 547217				9150 Curry Ford Road													
Orange				Orange													
Orlando FL 32854-7217				Orlando FL 32825													
+1 407 6455500				+1 407 2549900													
<table border="1"> <thead> <tr> <th></th> <th>STD</th> <th>Total</th> <th>SR's</th> </tr> </thead> <tbody> <tr> <td></td> <td>48</td> <td>175</td> <td>0</td> </tr> <tr> <td>Total</td> <td>175</td> <td>175</td> <td>0</td> </tr> </tbody> </table>							STD	Total	SR's		48	175	0	Total	175	175	0
	STD	Total	SR's														
	48	175	0														
Total	175	175	0														
JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount												
142133	Prime	MELBOURNE FL, BABOCK STREET BABOCK STREET, PO#18001586-01	JC	\$208,647.80	\$208,397.00												
Project Manager																	
Curvel, Brandt Mitchell		Bid Date: 06-27-2018		Project Close Date: 10-19-2018													
Customer																	
City of Melbourne, FL		Owner		City of Melbourne, FL													
2891 Harper Road				2891 Harper Road													
Brevard				Brevard													
Melbourne FL 32904-1154				Melbourne FL 32904-1154													
+1 321 6745726				+1 321 6745726													
<table border="1"> <thead> <tr> <th></th> <th>STD</th> <th>Total</th> <th>SR's</th> </tr> </thead> <tbody> <tr> <td></td> <td>48</td> <td>90</td> <td>0</td> </tr> <tr> <td>Total</td> <td>90</td> <td>90</td> <td>0</td> </tr> </tbody> </table>							STD	Total	SR's		48	90	0	Total	90	90	0
	STD	Total	SR's														
	48	90	0														
Total	90	90	0														

JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount									
142140	Prime	WEST MELBOURNE FL,PO#18-1693 STORM DRAIN LINING 2018	JC	\$117,872.80	\$105,651.20									
Project Manager														
		Bid Date	Project Close Date											
Curvel, Brandt Mitchell		07-12-2018	09-28-2018											
Customer														
City of West Melbourne, FL		Owner												
1415 Henry Ave		City of West Melbourne, FL												
Brevard		1415 Henry Ave												
West Melbourne FL 32904		Brevard												
		West Melbourne FL 32904												
+1 321 7277700		+1 321 7277700												
<table border="1"> <thead> <tr> <th>STD</th> <th>Total</th> <th>SR's</th> </tr> </thead> <tbody> <tr> <td>35</td> <td>178</td> <td>178</td> </tr> <tr> <td>Total</td> <td>178</td> <td>178</td> </tr> </tbody> </table>						STD	Total	SR's	35	178	178	Total	178	178
STD	Total	SR's												
35	178	178												
Total	178	178												
JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount									
142146	Prime	DELAND FL,PO#23468 WATERFORD LAKE SUBD. LINING PJ	JC	\$88,781.00	\$88,781.00									
Project Manager														
		Bid Date	Project Close Date											
Curvel, Brandt Mitchell		07-16-2018	11-02-2018											
Customer														
City of Deland, FL-Florida Ave		Owner												
120 S Florida Avenue		City of Deland, FL-Florida Ave												
Volusia		120 S Florida Avenue												
Deland FL 32721-0449		Volusia												
		Deland FL 32721-0449												
+1 386 7363900		+1 386 7363900												
<table border="1"> <thead> <tr> <th>AIS</th> <th>Total</th> <th>SR's</th> </tr> </thead> <tbody> <tr> <td>35</td> <td>314</td> <td>314</td> </tr> <tr> <td>Total</td> <td>314</td> <td>314</td> </tr> </tbody> </table>						AIS	Total	SR's	35	314	314	Total	314	314
AIS	Total	SR's												
35	314	314												
Total	314	314												
JDE Job Number	Role	Project Description	Project Status	Contract Value	Final Contract Amount									
14215921	Prime	ORANGE PARK FL,STORM RIVER RD. RIVER RD. STORM LINING P010693	JC	\$128,911.80	\$127,311.80									
Project Manager														
		Bid Date	Project Close Date											
Curvel, Brandt Mitchell		12-17-2018	02-11-2019											
Customer														
Town of Orange Park, FL		Owner												
700 Ash St		Town of Orange Park, FL												
Clay		700 Ash St												
Orange Park FL 32073-2910		Clay												
		Orange Park FL 32073-2910												
+1 904 2647411		+1 904 2647411												
<table border="1"> <thead> <tr> <th>AIS</th> <th>Total</th> <th>SR's</th> </tr> </thead> <tbody> <tr> <td>42</td> <td>99</td> <td>99</td> </tr> <tr> <td>Total</td> <td>99</td> <td>99</td> </tr> </tbody> </table>						AIS	Total	SR's	42	99	99	Total	99	99
AIS	Total	SR's												
42	99	99												
Total	99	99												



JDE Job Number	14216001	Role	Prime	Project Description	JACKSONVILLE, FL WO#1 RFC-020819 -SITE #1-9, NEWMAN	Project Status	JC	Contract Value	\$339,962.80	Final Contract Amount	\$339,948.80
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Project Manager	Curvel, Brandt Mitchell	Bid Date	01-30-2019	Project Close Date	04-19-2019	AIS	36	1,127	Total	1,127	SR's	0
Customer	City of Jacksonville, FL	Owner	City of Jacksonville, FL	609 Street Johns Bluff Road North	Duval Jacksonville FL 32225	Total	36	1,127	1,127			

JDE Job Number	14216002	Role	Prime	Project Description	JACKSONVILLE FL, P#3, SITES 1-10 P#3SITE #1-10, PO# PO9A04702-3	Project Status	JC	Contract Value	\$499,541.00	Final Contract Amount	\$511,199.75
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Project Manager	Curvel, Brandt Mitchell	Bid Date	05-01-2019	Project Close Date	01-03-2020	AIS	42	320	STD	72	Total	320	SR's	0
Customer	City of Jacksonville, FL	Owner	City of Jacksonville, FL	609 Street Johns Bluff Road North	Duval Jacksonville FL 32225	Total	42	320	72	250	250	570		

JDE Job Number	142163	Role	Prime	Project Description	WEST MELBOURNE FL, PO#19-2153 FY2019 STORM REH., PO#19-2153	Project Status	JC	Contract Value	\$119,986.10	Final Contract Amount	\$96,937.00
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Project Manager	Curvel, Brandt Mitchell	Bid Date	03-28-2019	Project Close Date	09-17-2019	STD	45	62	Total	62	SR's	0
Customer	City of West Melbourne, FL	Owner	City of West Melbourne, FL	1415 Henry Ave	Brevard West Melbourne FL 32904	Total	45	62	58	58		

JDE Job Number	142163	Role	Prime	Project Description	WEST MELBOURNE FL, PO#19-2153 FY2019 STORM REH., PO#19-2153	Project Status	JC	Contract Value	\$119,986.10	Final Contract Amount	\$96,937.00
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Project Manager	Curvel, Brandt Mitchell	Bid Date	03-28-2019	Project Close Date	09-17-2019	STD	45	62	Total	62	SR's	0
Customer	City of West Melbourne, FL	Owner	City of West Melbourne, FL	1415 Henry Ave	Brevard West Melbourne FL 32904	Total	45	62	58	58		

JDE Job Number	142163	Role	Prime	Project Description	WEST MELBOURNE FL, PO#19-2153 FY2019 STORM REH., PO#19-2153	Project Status	JC	Contract Value	\$119,986.10	Final Contract Amount	\$96,937.00
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Contract Qualification Closed Projects (2013 - Present) - Detail Contract Value

Project JDE Job Number	Contract Value	Final Contract Amount
14162161	\$34,045.60	\$35,218.60
14162163	\$239,340.10	\$261,484.30
14162171	\$229,273.76	\$239,154.60
14162172	\$172,479.70	\$180,791.50
14172505	\$490,569.47	\$560,462.27
14172510	\$687,529.72	\$735,850.62
14172512	\$687,212.08	\$646,414.93
14173902	\$782,470.79	\$1,253,019.29
141757	\$1,676,267.79	\$1,571,076.60
141763	\$447,084.48	\$474,487.50
14177607	\$396,016.60	\$369,103.90
14179601	\$701,070.00	\$731,057.50
14179602	\$599,126.00	\$598,103.00
14179603	\$274,687.00	\$274,687.00
14179604	\$374,505.00	\$373,607.00
14179605	\$433,319.00	\$447,660.00
14179606	\$470,122.70	\$459,376.30
14179607	\$707,692.80	\$710,036.80
14179609	\$378,278.20	\$366,610.20
14179610	\$346,765.70	\$346,165.70
14179611	\$931,615.10	\$931,604.10
14179612	\$204,690.70	\$200,630.70
14179613	\$209,403.00	\$202,603.00
14179614	\$178,403.40	\$177,903.40
14179615	\$444,565.30	\$419,558.30
14179616	\$309,464.50	\$309,454.50
14179618	\$65,590.40	\$65,590.40
14179619	\$338,290.30	\$293,741.45
14179620	\$496,805.00	\$252,370.00
14179621	\$354,671.00	\$353,197.00
14179622	\$314,615.00	\$313,150.00
14180001	\$539,538.65	\$337,613.83
141803	\$264,559.90	\$261,684.70
141812	\$1,361,717.40	\$1,298,596.60



Insituform
An Alstom Company

Project/JDE Job Number	Contract Value	Final Contract Amount
141814	\$70,240.00	\$85,414.00
141815	\$124,800.00	\$121,300.00
141817	\$135,285.00	\$122,535.00
141839	\$53,900.00	\$53,900.00
141850	\$550,351.20	\$535,615.20
14187401	\$142,943.80	\$143,869.50
14187403	\$147,351.30	\$151,961.80
141889	\$111,801.40	\$111,801.40
141895	\$654,559.50	\$641,993.50
141899	\$3,213,066.97	\$3,408,864.55
141901	\$1,434,458.30	\$1,323,590.34
141911	\$39,305.00	\$40,805.00
14191209	\$897,922.50	\$447,770.03
141913	\$326,296.85	\$266,323.51
141919	\$90,784.80	\$116,002.80
141924	\$584,444.00	\$584,444.00
14193501	\$83,069.75	\$90,718.20
14193531	\$80,006.40	\$79,574.40
14193532	\$131,294.40	\$127,127.50
141950	\$319,096.50	\$334,941.40
14196002	\$234,738.80	\$234,738.80
14196003	\$195,330.00	\$192,830.00
141963	\$298,768.20	\$274,459.83
141966	\$50,381.30	\$49,060.85
14196802	\$351,545.20	\$448,961.30
141974	\$458,163.00	\$458,163.00
14198303	\$207,462.60	\$207,462.00
14198306	\$82,659.05	\$86,194.01
14198308	\$219,567.90	\$219,567.00
142011	\$118,412.70	\$108,578.91
142019	\$191,609.60	\$191,609.60
14202033	\$154,749.80	\$154,749.80
14202034	\$163,442.50	\$163,442.50
142025	\$146,411.40	\$146,075.50
142040	\$511,055.83	\$647,260.28
14205904	\$173,407.80	\$147,097.00
142062	\$432,716.20	\$432,716.20
142064	\$295,949.00	\$279,039.00

Project JDE Job Number	Contract Value	Final Contract Amount
142065	\$167,179.03	\$167,801.39
142066	\$108,744.86	\$108,744.86
14206802	\$188,267.80	\$248,688.20
14206902	\$105,080.80	\$101,542.60
142076	\$72,004.61	\$72,004.61
142081	\$41,983.00	\$41,982.21
142083	\$85,834.60	\$85,165.70
142086	\$79,538.80	\$84,338.80
142133	\$208,647.80	\$208,397.00
142140	\$117,872.80	\$105,651.20
142146	\$88,781.00	\$88,781.00
14215921	\$128,911.80	\$127,311.80
14216001	\$339,962.80	\$339,948.80
14216002	\$499,541.00	\$511,199.75
142183	\$119,986.10	\$96,937.00
	\$32,209,143.50	\$31,779,766.22



Formal Bid and Award System

Award #11

May 07, 2020

Type of Award Request: INVITATION FOR BID (IFB)
Request #: 6775
Requestor Name: Gillean, Keith – Project Administrator
Requestor Phone: 904-665-6841
Project Title: Kennedy Generating Station Fire Loop Replacement
Project Number: 8004741
Project Location: JEA
Funds: Capital
Budget Estimate: \$700,000.00

Scope of Work:

JEA is soliciting Bids from Contractors with fire protection system construction experience (hereinafter referred to as “Company”) for the construction of a new underground fire protection supply loop with an above ground fire protection system.

Awarded contractor will supply all materials, equipment, consumables, labor, etc. to install a new 8" fire protection loop, valves, hydrants, insulation per specifications and drawings provided.

Due to flow issues and age of the fire protection loop at Kennedy Generating station the existing system needs to be upgraded to meet insurance flow requirements. The project will replace the existing underground fire protection loop with an above ground system.

This project will positively affect JEA Measures of Value:

- Customer Value: Systems upgrades, provide right sized system improvements which minimize cost to the customer, while maintaining service levels, increasing overall value of the utility to the customer.
- Financial Value: Correctly planned & timed upgrades to safety systems, make the best use of capital resources, while keeping the systems safe and within regulations, which provides a better return on investment and creates financial value.

JEA IFB/RFP/State/City/GSA#: 028-20

Purchasing Agent: Lovgren, Rodney D.

Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
WILLIAMS INDUSTRIAL SERVICES LLC	Jason Arnett	jarnett@wisgrp.com	591 Picketville Rd. Jacksonville, FL	(904) 696-9994	\$1,197,886.00

Amount for entire term of Contract/PO: \$1,197,886.00
Award Amount for remainder of this FY: \$663,895.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 05/05/2020
End Date (mm/dd/yyyy): Project Completion (Expected: 09/30/2020)
JSEB Requirement: N/A - Optional
Comments on JSEB Requirements:

BIDDERS:

Name	Amount
WILLIAMS INDUSTRIAL SERVICES, LLC	\$1,197,886.00
W. W. GAY MECHANICAL CONTRACTORS, INC.	\$1,289,728.00
IMC	\$2,091,729.00

Background/Recommendations:

Advertised on 02/14/2020. Five (5) prime contractors attended the Mandatory pre-bid meeting held on 02/21/2020. At Bid opening on 04/14/2020, JEA received three (3) Bids. Williams Industrial LLC is the lowest responsive and responsible Bidder. A copy of the Bid Form is attached as backup.

The award amount of \$1,197,866.00 is approximately 70% (higher) than the construction budget estimate. Budget has been increased to match award amount. Any excess capital funds will be returned to the capital project holding accounts, after project completion.


The project details are below:

- Planning Project Budget: \$796,622.00
 - Engineering Budget: \$49,968.00
 - Construction Budget: \$700,000.00
 - Internal JEA Costs: \$46,654.00
- Revised Project Budget: \$1,367,830.00
 - Engineering Budget (Black & Veatch): \$111,994.00
 - Construction Budget: \$1,197,886.00
 - Internal JEA Costs: \$58,000.00
- Original Project Schedule:
 - Engineering Completion: 05/2018
 - Construction Completion: 12/2019
- Revised Schedule:
 - Engineering Completion: 02/2020
 - Construction Completion: 01/2020

028-20 – Request approval to award a contract to Williams Industrial Services LLC for Kennedy Generating Station Fire Loop Replacement in the amount of \$1,197,886.00, subject to the availability of lawfully appropriated funds.

Manager: Akrayi, Jamila R. - Mgr Project Manager
Director: Limbaugh, Margaret Z. - Dir Energy Project
Sr. Director: Acs, Gabor - Sr Dir Engineering & Projects
VP: Anders, Caren B. - VP/GM Energy

APPROVALS:

 05/07/2020

Chairman, Awards Committee **Date**

 5/7/2020

Budget Representative **Date**

Appendix B - Bid Form
028-20 Kennedy Generating Station Fire Protection Loop Replacement

Submit an **original, two (2) copies and one (1) CD or 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, LLC

Company's Address 591 Picketville Rd

License Number: CGC1509613 CFC1429436

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

Description of Services	TOTAL BID PRICE
Total Bid Price for Work as described in this Solicitation 028-20	\$ <u>1,197,886.00</u>

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".

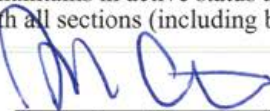
BIDDER CERTIFICATION

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 7

JA



Handwritten Signature of Authorized Officer of Company or Agent

4/14/2020

Date

JASON ARNETT, PROJECT MANAGER

Printed Name and Title



Formal Bid and Award System

Award #12 May 07, 2020

Type of Award Request: INVITATION FOR BID (IFB)
Request #: 6766
Requestor Name: Sebastian Chmist - Staff Engineer, (20410 - Project Design)
Requestor Phone: (904) 665-7016
Project Title: Construction Services Phase II, Circuit 909 GEC to Bartram Substation
Project Number: 8004064
Project Location: JEA
Funds: Capital
Budget Estimate: \$4,578,000.00

Scope of Work:

JEA is soliciting Bids from contractors (hereinafter referred to as “Company”) for construction services for Phase 2 of the Circuit 909 Addition from the Greenland Energy Center to the Bartram Substation.

The work includes, but is not limited, to the installation and construction of a new segment of 230kV transmission line predominately along Race Track Road beginning at the Bartram Substation and ending at the intersection of Philips Highway and Race Track Road. The new segment of transmission line covers approximately four (4) miles and will serve as phase 2 of the circuit 909 addition. Work will include:

- Construction will include tree clearing on JEA and Public Right-of-Way Easements
- A new patrol road construction for several sections of the new circuit. Transmission construction will include;
 - the setting of forty-one (41) new spun concrete transmission poles
 - twelve (12) new steel transmission poles
 - twelve (12) new vibratory steel caisson foundations
 - Transmission conductor installation will include sagging / tensioning of new 1590 ACSR “Falcon” conductor and 3#6 AW shield wires.
 - Distribution construction will include;
 - Setting seven (7) new static cast distribution poles
 - Removing nineteen (19) existing wood distribution poles
 - two (2) existing static cast distribution poles.
 - Re-framing of one (1) distribution pole
 - Topping of one (1) distribution pole
- Additionally, work will include transferring existing/running/removing distribution primary, secondary, and neutral conductors and framing all poles as indicated in the Construction Drawings.

This project will positively affect JEA Measures of Value:

- Customer Value: Systems upgrades, provide right sized system improvements which minimize cost to the customer, while maintaining service levels, increasing overall value of the utility to the customer.
- Financial Value: Correctly planned & timed upgrades to safety systems, make the best use of capital resources, while keeping the systems safe and within regulations, which provides a better return on investment and creates financial value.

JEA IFB/RFP/State/City/GSA#: 027-20
Purchasing Agent: Lovgren, Rodney D.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
C & C POWERLINE INC	Rick Sprenger	rspenger@ccpowerline.com	12035 Palm Lake Drive, Jacksonville, FL 32218	(904)751-6020	\$5,093,177.02

Amount for entire term of Contract/PO: \$5,093,177.02
Award Amount for remainder of this FY: \$3,367,421.56
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 06/15/2020
End Date (mm/dd/yyyy): Project Completion (Expected: 01/15/2021)
JSEB Requirement: N/A – Optional
Comments on JSEB Requirements:

BIDDERS:

Name	Amount
C & C POWERLINE INC *C&C's submitted Bid had a minor irregularity	\$5,093,177.02
SAYERS CONSTRUCTION LLC	\$5,728,100.40
EDISON POWER CONSTRUCTORS INC	\$5,816,396.30
MICHELS POWER	\$7,637,822.96
POWER GRID SERVICES LLC	\$10,641,533.18

Background/Recommendations:

Advertised on 02/24/2020. Eleven (11) prime contractors attended the Mandatory pre-bid meeting held on 03/10/2020. At Bid opening on 04/28/2020, JEA received five (5) Bids. C&C Powerline is the lowest responsive and responsible Bidder. A copy of the Bid Form is attached as backup. Note C&C Powerline's submitted Bid Package & Schedule of Values had a minor irregularity. There was a calculation error in their Spreadsheet. The Bid Amount listed in this Award is the corrected value.

The award amount of \$5,093,177.02 is approximately 11% (higher) than the construction budget estimate. Budget has been increased to match award amount. Any excess capital funds will be returned to the capital project holding accounts, after project completion. The eleven percent variance includes a 10% SWA and is considered an acceptance variance on this size of project.

There were two bids associated with this project, Phase 1 (122-18) and Phase 2 (027-20).

There were three (3) capital projects created for this:

- CP 789-89: Circuit 909 Addition
- CP 789-81C: Greenland Energy Center interconnect
- CP 789-115: Bartram Substation interconnect (previously called Durbin Substation interconnect)

Phase 1 bid included CP 789-81C and a portion of CP789-89 and phase 2 included CP 789-115 and the remainder of CP 789-89. The scope of work has changed entirely since the original PD, as the transmission lines do not even connect to the same substations or follow the same route. The PD was changed several times to arrive to what we have today.

The Phase 1 bid came out to \$3,485,277.40, of which \$399,160.00 went to CP 789-81C and \$3,086,117.40 went to CP 789-89.

The Phase 2 bid came out to \$5,093,177.02, of which \$335,799.65 will go to CP 789-115 and \$4,757,377.37 will go to CP 789-89.

CP 789-81C

- Planning Project Budget: \$451,000.00
 - Engineering Budget: \$49,000.00
 - Construction Budget: \$220,000.00
 - Internal JEA Costs: \$182,000.00
- Revised Project Budget: \$441,000.00
 - Engineering Budget : \$18,700.00
 - Construction Budget: \$399,160.00
 - Internal JEA Costs: \$23,140.00
- Original Project Schedule:
 - Engineering Completion: 08/28/2017
 - Construction Completion: 05/30/2018
- Revised Schedule:
 - Engineering Completion: 06/27/2018
 - Construction Completion: 10/06/2019

CP 789-89

- Planning Project Budget: \$10,280,000.00
 - Engineering Budget: \$350,000.00
 - Construction Budget: \$4,380,000.00
 - Internal JEA Costs: \$5,550,000.00
- Revised Project Budget: \$15,594,000.00
 - Engineering Budget : \$1,021,047.09
 - Construction Budget: \$7,843,494.77
 - Internal JEA Costs: \$6,729,458.14
- Original Project Schedule:
 - Engineering Completion: 09/30/2017

- Construction Completion: 11/30/2018
- Revised Schedule:
 - Engineering Completion: 01/31/2020
 - Construction Completion: 11/30/2020


CP 789-115

- Planning Project Budget: \$428,000.00
 - Engineering Budget: \$49,000.00
 - Construction Budget: \$200,000.00
 - Internal JEA Costs: \$179,000.00
- Revised Project Budget: \$369,000.00
 - Engineering Budget : \$7,500.00
 - Construction Budget: \$335,799.65
 - Internal JEA Costs: \$25,700.40
- Original Project Schedule:
 - Engineering Completion: 09/30/2017
 - Construction Completion: 11/30/2018
- Revised Schedule:
 - Engineering Completion: 01/31/2020
 - Construction Completion: 11/30/2020

027-20 – Request approval to award a contract to C&C Powerline for Construction Services Phase II, Circuit 909 GEC to Bartram Substation in the amount of \$5,093,177.02, subject to the availability of lawfully appropriated funds.

Manager: Hamilton, Darrell D. - Mgr Transmission and Substation Projects
Director: Pinkstaff, Larry G. - Dir Energy Project Mgmt & Joint Assets
Sr. Director: Acs, Gabor - Sr Dir Engineering & Projects
VP: Anders, Caren B. - VP/GM Energy

APPROVALS:

 05/07/2020

Chairman, Awards Committee **Date**

Laure A Whitmer 5/7/2020

Budget Representative **Date**

027-20 Appendix B Schedule of Values

Scope	#	ITEM DESCRIPTION	UOM	Quantity	Unit Price	Extended Price
Mob / Demob / Bond	1	1.1 MOBILIZATION	Lump Sum	1	\$ 29,594.88	\$ 29,594.88
	2	1.2 DEMOBILIZATION	Lump Sum	1	\$ 29,594.88	\$ 29,594.88
	3	1.3 BID BOND	Lump Sum	1	\$ 42,165.17	\$ 42,165.17
Site Preparation	4	2.1 INSTALL, RENT, AND REMOVE MATTING AS NEEDED	Lump Sum	1	\$ 331,167.01	\$ 331,167.01
	5	2.2 SURVEYING - ESTABLISH LIMITS OF CLEARING	Lump Sum	1	\$ 31,500.00	\$ 31,500.00
	6	2.3 SURVEYING - STAKE POLE LOCATIONS	Lump Sum	1	\$ 36,750.00	\$ 36,750.00
re installation	7	2.4 SITE AND TREE CLEARING / TRIMMING	Lump Sum	1	\$ 337,732.50	\$ 337,732.50
	8	2.5 ONSITE OFFICE TRAILER	Lump Sum	1	\$ 34,650.00	\$ 34,650.00
	9	3.1 TRANSPORTATION OF JEA PLATING MATERIALS TO JOB SITE	Lump Sum	1	\$ 13,027.38	\$ 13,027.38
	10	3.2 RETURN UNUSED JEA MATERIALS	Lump Sum	1	\$ 13,027.38	\$ 13,027.38
	11	3.3 RECEIVE, UNLOAD AND SPOT STRUCTURES AND ASSOCIATED HARDWARE	Lump Sum	1	\$ 99,333.76	\$ 99,333.76
	12	3.4 SET AND FRAME CONCRETE POLE #4	Lump Sum	1	\$ 22,550.39	\$ 22,550.39
	13	3.5 SET AND FRAME CONCRETE POLE #5	Lump Sum	1	\$ 23,224.56	\$ 23,224.56
	14	3.6 SET AND FRAME CONCRETE POLE #6	Lump Sum	1	\$ 23,898.73	\$ 23,898.73
	15	3.7 SET AND FRAME CONCRETE POLE #7	Lump Sum	1	\$ 23,224.56	\$ 23,224.56
	16	3.8 INSTALL AND FRAME STEEL POLE #8	Lump Sum	1	\$ 19,858.61	\$ 19,858.61
	17	3.9 INSTALL STEEL CAISSON #8	Lump Sum	1	\$ 34,276.88	\$ 34,276.88
	18	3.10 SET AND FRAME CONCRETE POLES #9, #10, #11, AND #12	Lump Sum	1	\$ 101,613.55	\$ 101,613.55
	19	3.11 SET AND FRAME CONCRETE POLE #13	Lump Sum	1	\$ 25,403.39	\$ 25,403.39
	20	3.12 SET AND FRAME CONCRETE POLE #14	Lump Sum	1	\$ 26,380.44	\$ 26,380.44
	21	3.13 SET AND FRAME CONCRETE POLE #15	Lump Sum	1	\$ 25,403.39	\$ 25,403.39
	22	3.14 SET AND FRAME CONCRETE POLE #16	Lump Sum	1	\$ 26,380.44	\$ 26,380.44
	23	3.15 SET AND FRAME CONCRETE POLE #17	Lump Sum	1	\$ 26,380.44	\$ 26,380.44
	24	3.16 SET AND FRAME STEEL POLES #18 AND #19	Lump Sum	1	\$ 40,840.83	\$ 40,840.83
	25	3.17 INSTALL STEEL CAISSONS #18 AND #19	Lump Sum	1	\$ 77,791.39	\$ 77,791.39
	26	3.18 INSTALL AND FRAME STEEL POLE #20	Lump Sum	1	\$ 19,858.61	\$ 19,858.61
	27	3.19 INSTALL STEEL CAISSON #20	Lump Sum	1	\$ 22,790.45	\$ 22,790.45
	28	3.20 INSTALL AND FRAME STEEL POLE #21	Lump Sum	1	\$ 19,862.68	\$ 19,862.68
	29	3.21 INSTALL STEEL CAISSON #21	Lump Sum	1	\$ 18,086.41	\$ 18,086.41
	30	3.22 SET AND FRAME CONCRETE POLES #22 AND #24	Lump Sum	1	\$ 52,760.88	\$ 52,760.88
	31	3.23 SET AND FRAME CONCRETE POLE #23	Lump Sum	1	\$ 25,403.39	\$ 25,403.39
	32	3.24 INSTALL AND FRAME STEEL POLES #25 AND #27	Lump Sum	1	\$ 50,855.63	\$ 50,855.63
	33	3.25 SET AND FRAME CONCRETE POLE #26	Lump Sum	1	\$ 25,462.01	\$ 25,462.01
	34	3.26 INSTALL AND FRAME STEEL POLE #28	Lump Sum	1	\$ 19,858.61	\$ 19,858.61
	35	3.27 INSTALL STEEL CAISSON #28	Lump Sum	1	\$ 22,247.77	\$ 22,247.77

Transmission Structures, Distribution Structures, and Hardware

36	3.28 SET AND FRAME CONCRETE POLE #29	Lump Sum	1	\$ 25,598.80	\$ 25,598.80
37	3.29 SET AND FRAME CONCRETE POLE #30	Lump Sum	1	\$ 23,913.38	\$ 23,913.38
38	3.30 SET AND FRAME CONCRETE POLES #31 AND #32	Lump Sum	1	\$ 46,449.12	\$ 46,449.12
39	3.31 SET AND FRAME CONCRETE POLES #33 AND #34	Lump Sum	1	\$ 47,826.76	\$ 47,826.76
40	3.32 SET AND FRAME CONCRETE POLE #35	Lump Sum	1	\$ 23,898.73	\$ 23,898.73
41	3.33 SET AND FRAME CONCRETE POLE #36	Lump Sum	1	\$ 23,928.04	\$ 23,928.04
42	3.34 INSTALL AND FRAME STEEL POLE #37	Lump Sum	1	\$ 19,296.80	\$ 19,296.80
43	3.35 INSTALL STEEL CAISSON #37	Lump Sum	1	\$ 18,750.07	\$ 18,750.07
44	3.36 SET AND FRAME STEEL POLE #38	Lump Sum	1	\$ 19,858.61	\$ 19,858.61
45	3.37 INSTALL STEEL CAISSON #38	Lump Sum	1	\$ 10,208.23	\$ 10,208.23
46	3.38 SET AND FRAME STEEL POLE #39	Lump Sum	1	\$ 20,420.42	\$ 20,420.42
47	3.39 INSTALL STEEL CAISSON #39	Lump Sum	1	\$ 17,279.47	\$ 17,279.47
48	3.40 SET AND FRAME STEEL POLE #40	Lump Sum	1	\$ 20,420.42	\$ 20,420.42
49	3.41 INSTALL STEEL CAISSON #40	Lump Sum	1	\$ 17,279.47	\$ 17,279.47
50	3.42 SET AND FRAME CONCRETE POLE #41	Lump Sum	1	\$ 26,868.97	\$ 26,868.97
51	3.43 SET AND FRAME CONCRETE POLE #42	Lump Sum	1	\$ 27,357.49	\$ 27,357.49
52	3.44 SET AND FRAME CONCRETE POLE #43	Lump Sum	1	\$ 26,746.84	\$ 26,746.84
53	3.45 SET AND FRAME CONCRETE POLE #44	Lump Sum	1	\$ 26,380.44	\$ 26,380.44
54	3.46 SET AND FRAME CONCRETE POLE #45	Lump Sum	1	\$ 26,439.06	\$ 26,439.06
55	3.47 SET AND FRAME CONCRETE POLE #46	Lump Sum	1	\$ 26,461.86	\$ 26,461.86
56	3.48 SET AND FRAME CONCRETE POLE #47	Lump Sum	1	\$ 26,445.58	\$ 26,445.58
57	3.49 SET AND FRAME CONCRETE POLE #48	Lump Sum	1	\$ 26,452.09	\$ 26,452.09
58	3.50 INSTALL AND FRAME STEEL POLE #49	Lump Sum	1	\$ 20,420.42	\$ 20,420.42
59	3.51 INSTALL STEEL CAISSON #49	Lump Sum	1	\$ 20,404.72	\$ 20,404.72
60	3.52 SET AND FRAME CONCRETE POLES #50 AND #51	Lump Sum	1	\$ 46,449.12	\$ 46,449.12
61	3.53 SET AND FRAME CONCRETE POLE #52	Lump Sum	1	\$ 23,224.56	\$ 23,224.56
62	3.54 SET AND FRAME CONCRETE POLE #53	Lump Sum	1	\$ 23,224.56	\$ 23,224.56
63	3.55 SET AND FRAME CONCRETE POLE #54	Lump Sum	1	\$ 23,898.73	\$ 23,898.73
64	3.56 SET AND FRAME CONCRETE POLE #55	Lump Sum	1	\$ 23,224.56	\$ 23,224.56
65	3.57 INSTALL AND FRAME STEEL POLE #56	Lump Sum	1	\$ 20,982.22	\$ 20,982.22
66	3.58 INSTALL STEEL CAISSON #56	Lump Sum	1	\$ 34,033.73	\$ 34,033.73
67	3.59 FRAME EXISTING STEEL POLE #57	Lump Sum	1	\$ 9,770.53	\$ 9,770.53
68	3.60 SET GUY ANCHORS, INSTALL GUYS	Lump Sum	1	\$ 69,305.65	\$ 69,305.65
69	3.61 GROUND POLES (5 GROUND RODS PER POLE - For all Poles)	Lump Sum	1	\$ 56,473.68	\$ 56,473.68
70	3.62 SET AND FRAME CONCRETE DISTRIBUTION POLES #5580 AND #5670	Lump Sum	1	\$ 28,940.32	\$ 28,940.32
71	3.63 SET AND FRAME CONCRETE DISTRIBUTION POLES #5746 AND #5940	Lump Sum	1	\$ 27,591.99	\$ 27,591.99
72	3.64 SET AND FRAME CONCRETE DISTRIBUTION POLES #6298 AND #6316	Lump Sum	1	\$ 27,650.61	\$ 27,650.61
73	3.65 SET AND FRAME CONCRETE DISTRIBUTION POLE #6400	Lump Sum	1	\$ 16,482.89	\$ 16,482.89
74	3.66 RE-FRAME DISTRIBUTION POLE #6330	Lump Sum	1	\$ 8,142.11	\$ 8,142.11
75	3.67 TOP DISTRIBUTION POLW #15118	Lump Sum	1	\$ 537.38	\$ 537.38
76	3.68 REMOVE ALL 19 WOOD DISTRIBUTION POLES AS INDICATED	Lump Sum	1	\$ 46,843.20	\$ 46,843.20
77	3.69 REMOVE CONCRETE DISTRIBUTION POLES #6116 AND #6180	Lump Sum	1	\$ 8,682.75	\$ 8,682.75

Conductor and Wire Installation

78	4.1 INSTALL, SAG AND TENSION CONDUCTORS / SHIELD WIRE FROM STRUCTURE #4 TO #5	Lump Sum	1	\$ 4,003.79	\$ 4,003.79
79	4.2 INSTALL, SAG AND TENSION CONDUCTORS / SHIELD WIRE FROM STRUCTURE #5 TO #7	Lump Sum	1	\$ 24,523.20	\$ 24,523.20
80	4.3 INSTALL, SAG AND TENSION CONDUCTORS / SHIELD WIRE FROM STRUCTURE #7 TO #8	Lump Sum	1	\$ 4,051.45	\$ 4,051.45
81	4.4 INSTALL, SAG AND TENSION CONDUCTORS / SHIELD WIRE FROM STRUCTURE #8 TO #18	Lump Sum	1	\$ 86,653.41	\$ 86,653.41
82	4.5 INSTALL, SAG AND TENSION CONDUCTORS / SHIELD WIRE FROM STRUCTURE #18 TO #19	Lump Sum	1	\$ 24,547.03	\$ 24,547.03
83	4.6 INSTALL, SAG AND TENSION CONDUCTORS / SHIELD WIRE FROM STRUCTURE #19 TO #20	Lump Sum	1	\$ 10,057.13	\$ 10,057.13
84	4.7 INSTALL, SAG AND TENSION CONDUCTORS / SHIELD WIRE FROM STRUCTURE #20 TO #21	Lump Sum	1	\$ 12,321.18	\$ 12,321.18
85	4.8 INSTALL, SAG AND TENSION CONDUCTORS / SHIELD WIRE FROM STRUCTURE #21 TO #28	Lump Sum	1	\$ 45,233.27	\$ 45,233.27
86	4.9 INSTALL, SAG AND TENSION CONDUCTORS / SHIELD WIRE FROM STRUCTURE #28 TO #36	Lump Sum	1	\$ 85,866.95	\$ 85,866.95
87	4.10 INSTALL, SAG AND TENSION CONDUCTORS / SHIELD WIRE FROM STRUCTURE #36 TO #37	Lump Sum	1	\$ 2,335.54	\$ 2,335.54
88	4.11 INSTALL, SAG AND TENSION CONDUCTORS / SHIELD WIRE FROM STRUCTURE #37 TO #49	Lump Sum	1	\$ 135,604.48	\$ 135,604.48
89	4.12 INSTALL, SAG AND TENSION CONDUCTORS / SHIELD WIRE FROM STRUCTURE #49 TO #56	Lump Sum	1	\$ 65,514.36	\$ 65,514.36
90	4.13 INSTALL, SAG AND TENSION CONDUCTORS / SHIELD WIRE FROM STRUCTURE #56 TO #57	Lump Sum	1	\$ 4,099.12	\$ 4,099.12
91	4.14 INSTALL, SAG AND TENSION PRIMARY CONDUCTORS / NEUTRAL WIRE FROM STRUCTURE #39 TO #41	Lump Sum	1	\$ 21,007.95	\$ 21,007.95
92	4.15 INSTALL, SAG AND TENSION PRIMARY CONDUCTORS / NEUTRAL WIRE FROM STRUCTURE #56 TO #57	Lump Sum	1	\$ 10,503.98	\$ 10,503.98
93	4.16 TRANSFER PRIMARY CONDUCTORS AND NEUTRAL / SECONDARY WIRES ONTO ALL PROPOSED STRUCTURES #37 TO #56 AS SHOWN ON THE DRAWINGS	Lump Sum	1	\$ 78,164.27	\$ 78,164.27
94	4.17 TRANSFER PRIMARY CONDUCTORS AND NEUTRAL WIRE FROM STRUCTURE #15118 ON TO STRUCTURE #57	Lump Sum	1	\$ 4,071.06	\$ 4,071.06

Patrol Road Installation

95	5.1 INSTALL 42 LF OF A DOUBLE 12"x18" ERCP WITH MITERED END SECTIONS	Each	1	\$ 12,441.45	\$ 12,441.45
96	5.2 INSTALL 42 LF OF SINGLE 29"x45" ERCP WITH MITERED END SECTIONS	Each	1	\$ 15,085.35	\$ 15,085.35
97	5.3 INSTALL 62 LF OF A DOUBLE 29"x45" ERCP WITH MITERED END SECTIONS	Each	1	\$ 36,531.60	\$ 36,531.60
98	5.4 INSTALL 13 LF EXTENTION OF A DOUBLE 24" RCP WITH A HEADWALL	Each	1	\$ 8,583.75	\$ 8,583.75
99	5.5 INSTALL 10 LF EXTENTION OF A DOUBLE 24" RCP WITH A HEADWALL	Each	1	\$ 5,525.10	\$ 5,525.10
100	5.6 INSTALL PROPOSED CONCRETE APRONS (AS SHOWN ON CIVIL SITE DRAWINGS)	Lump Sum	1	\$ 28,436.10	\$ 28,436.10
101	5.7 INSTALL OBJECT MARKERS (AS SHOWN ON CIVIL SITE DRAWINGS)	Lump Sum	1	\$ 9,975.00	\$ 9,975.00

	102	5.8 STABILIZE/ REINFORCE SLOPES (AS SHOWN ON CIVIL SITE DRAWINGS)	Lump Sum	1	\$ 164,709.30	\$ 164,709.30
	103	5.9 SLOPE, GRADE, AND INSTALL PATROL ROAD (AS SHOWN ON CIVIL SITE DRAWINGS)	Lump Sum	1	\$ 215,130.30	\$ 215,130.30
	104	5.10 GRUB TO REMOVE STUMPS AND ROOTS FOR PROPOSED PATROL ROAD (AS SHOWN ON CIVIL SITE DRAWINGS)	Lump Sum	1	\$ 36,290.10	\$ 36,290.10
Miscellaneous	105	6.1 RESTORATION	Lump Sum	1	\$ 47,250.00	\$ 47,250.00
	106	6.2 AS-BUILT DRAWINGS	Lump Sum	1	\$ 4,071.06	\$ 4,071.06
	107	6.3 SILT FENCE AND TURBIDITY BARRIER ASSEMBLY, INSTALLATION, AND REMOVAL (AS SHOWN ON CIVIL SITE DRAWINGS)	Lump Sum	1	\$ 61,372.50	\$ 61,372.50
	108	6.4 ADDITIONAL GROUND RODS (FOR EACH ADDITIONAL GROUND ROD, REQUIRED OVER THE BASE SCOPE IN THE TECHNICAL SPECIFICATION)	Per Rod	100	\$ 941.23	\$ 94,122.81
	109	6.5 GROUND WELLS (PER GROUND WELL AS DESCRIBED IN THE TECHNICAL SPECIFICATION) TO BE USED IF REQUESTED BY JEA PROJECT REPRESENTATIVE	Per Well	10	\$ 2,768.32	\$ 27,683.18
	110	6.6 TWENTY (20) FULL DAYS/NIGHTS OF OVERTIME / NIGHT WORK	Each	20	\$ 6,513.69	\$ 130,273.78
	111	6.6 FEC FLAGMAN (ASSUME \$1,200 PER DAY PLUS MARKUP, SEE TECH SPECS)	Per Day	5	\$ 1,320.00	\$ 6,600.00
	112	6.7 MOT (ALLOWANCE) TO BE USED FOR ALL MOT ON ALL ROADS	Dollars	200,000	\$ 1.00	\$ 200,000.00
	113	6.8 SOD (ALLOWANCE) TO BE USED IF REQUESTED BY JEA PROJECT REPRESENTATIVE	Dollars	50,000	\$ 1.00	\$ 50,000.00
	Subtotal Line 1 - 113 Above					
SWA (10% of Subtotal)						\$ 463,016.09
Total Bid Price (Enter this amount on line 1 of the Bid Form)						\$ 5,093,177.02

Appendix B - Bid Form

027-20 Construction Services for phase II of the circuit 909 Greenland Energy Center to Bartram Substation Addition

Submit an **original, three (3) copies and one (1) CD or 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: C and C Power Line, Inc.

Company's Address 12035 Palm Lake Drive, Jacksonville, FL 32218

License Number: ECA000909

Phone Number: (904) 751-6020 FAX No: (904) 757-0964 Email Address: RSprenger@ccpowerline.com

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 Response 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 align="center">Insurance required</p>
--	--

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

Description of Services	TOTAL BID PRICE
Total Bid Price (cell G118 from the Bid Workbook) for Work as described in this Solicitation	\$ <u>5,093,177.02</u>

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 7


 Handwritten Signature of Authorized Officer of Company or Agent 04/28/2020
Date

Rick Sprenger, Vice President
 Printed Name and Title



Formal Bid and Award System

Award #13

May 7, 2020

Type of Award Request: STANDARD

Requestor Name: Theron Colbert - Electric Systems Engineer,

Requestor Phone: 904-665-4871

Project Title: N01, N02, N03 Control System Server Replacement and Software Upgrade

Project Number: CP 060-198

Project Location: JEA

Funds: Capital

Budget Estimate: \$755,100.00

Scope of Work:

This request is for the purchase and installation of a large number of upgraded Distributed Control System (DCS) equipment (dell) servers, work stations and software (ABB) for the Northside Generating Station Units 1, 2 and 3 in three planned outages. ABB will purchase the equipment, build the large number of servers and work stations including installing software, networking and factory acceptance testing and will disassembly ship to JEA for each specified outage install & integrate the equipment and software on JEA's Units 1, 2 and 3 infrastructures. JEA made ABB a standard in 2016, after ABB bought out Bailey Equipment (JEA's previous standard). See attached Backup documentation.

This project will positively affect JEA Measures of Value:

- Customer Value: Plant upgrades, provide right sized system improvements which minimize cost to the customer, while maintaining service levels, increasing overall value of the utility to the customer.
- Environmental Value: Project that increase plant efficiency, causing less use of resources fuel & limestone and lessen the utilities impact on the environment (creation of byproducts).
- Financial Value: Correctly planned & timed upgrades to the plant, make the best use of capital resources, while keeping the plant within design limitations, which provides a better return on investment and creates financial value.

JEA IFB/RFP/State/City/GSA#: N/A

Purchasing Agent: Lovgren, Rodney

Is this a ratification?: NO

If yes, explain: N/A

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
ABB INC.	THOMAS CROSS	THOMAS.CROSS@US.ABB.COM	16250 W. GLENDALE DRIVE, NEW BERLIN, WI 53151.	(863) 325-6492	\$755,100.00

Amount for entire term of Contract/PO: \$755,100.00
Award Amount for remainder of this FY: \$410,685.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 05/15/2020
End Date (mm/dd/yyyy): Project Completion (Estimated 07/15/2021)
JSEB Requirement: N/A

Background/Recommendations:

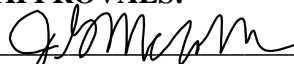
This award is for the purchase and installation of a large number of upgraded Distributed Control System (DCS) equipment servers, work stations and ABB software on Northside Generating Station Units 1, 2 and 3 in three planned outages. The support for the current equipment being utilized will be discontinued once it reaches seven (7) years of age and our current servers will reach that age in 2021. NERC and CIP require JEA to keep the systems supported and upgraded. Not replacing this hardware & updating software will have a negative impact on unit reliability and can lead to forced outages. Delaying an upgrade and not practicing due diligence toward upgrading this equipment/software may result in a penalty should an audit occur.

ABB will be responsible for all equipment warranty and repairs, and in charge of the factory acceptance testing.

Request approval to award a contract to ABB for N01, N02, N03 Control System Server Replacement and Software Upgrade in the amount of \$755,100.00, subject to the availability of lawfully appropriated funds.

Manager: Akrayi, Jamila R. - Mgr Project Management
Director: Limbaugh, Margaret Z. - Dir Energy Project Management
Sr. Director: Acs, Gabor - Sr Dir Engineering & Projects
VP: Anders, Caren B. - VP/GM Energy

APPROVALS:


05/07/2020

Chairman, Awards Committee **Date**


5/7/2020

Budget Representative **Date**

JACKSON ELECTRIC AUTHORITY

Northside Generating Station

S+ HMI Upgrade

Reference Number: ABO-200417-1 Firm

Contact Information

Sales Contact

Thomas Cross
Account Manager
Phone: (863) 325-6492
E-mail: thomas.cross@us.abb.com

Proposal Contact

Alexandra Owen
Proposal Engineer
E-mail: alexandra.owen@us.abb.com

Revision History

Revision History Table

Revision Number	Issue Date	Comments
Revision 00	4/23/2020	Released based upon request from Jackson Electric Authority

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1 Introduction

ABB is pleased to submit this Firm proposal for the Jackson Electric Authority - Northside Generating Station S+ HMI Upgrade. Our proposal covers the furnishing of the hardware, software, and services as described in the attached proposal, based on the request.

This proposal is based on the following:

- Upgrade of the existing S+ Operations v2.0 to S+ Operations v3.2
- Upgrade of the existing Composer v6.0 to S+ Engineering v2.2
- For the Base offer Monitors for PCs, Client-Server Switches, cables, and Mouse- for the PCs are proposed to be reused

2 Hardware & Software Scope of Supply

2.1 Industry Care – Sites and Systems Supported

This proposal is based on Jackson Electric Authority – Northside Generating Station having an active and valid Industry Care Agreement that includes coverage for the software identified in the table below at the Maintain + Software Support Level.

JEA – Unit 1 – SID2956

Software Support Level	Upgrade Level	# of Concurrent Users	19	System Functionality	<input type="checkbox"/> Turbine Analyst <input checked="" type="checkbox"/> History <input type="checkbox"/> Harm. Gateway
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Licenses Included in System Identification		
License #	Product Description	Machine ID
SL970440011145122	S+ Operations, Primary, v2.0	549F35073F9C
SL221450011145122	S+ Operations, Redundant, v2.0	B82A72DB3E00
SL357044610282066	S+ Operations, Redundant, v2.0	B82A72D9F7B7
SL873044610282066	S+ Operations, Redundant, v2.0	549F3507455C

JEA – Unit 2 – SID4681

Software Support Level	Upgrade Level	# of Concurrent Users	18	System Functionality	<input type="checkbox"/> Turbine Analyst <input checked="" type="checkbox"/> History <input type="checkbox"/> Harm. Gateway
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Licenses Included in System Identification		
License #	Product Description	Machine ID
SL566344411143015	S+ Operations, Primary, v2.0	B82A72DB3F24
SL196410911145122	S+ Operations, Redundant, v2.0	549F35083DFC
SL343461408181046	S+ Operations, Redundant, v2.0	B82A72DB763B
SL238354411143015	S+ Operations, Redundant, v2.0	B82A72DB8AD9
6S6381911	Composer Harmony Server, v6.0	549F35083F4C
SL65643321314102	Composer Harmony Client, v6.0	002564CCA91F
6S7069527	Composer Harmony Client, v6.0	14722
6S6353211	Composer Harmony Client, v6.0	549F35083F4C
SL25045321314102	Composer Harmony Client, v6.0	64006A6C73E5
6S6381921	Composer Harmony Client, v6.0	64006A6C741D
6S6381922	Composer Harmony Client, v6.0	64006A6C8E65
6S6381924	Composer Harmony Client, v6.0	64006A6C8E65
6S6381923	Composer Harmony Client, v6.0	64006A95CD38
SL343305513244102	Composer Harmony Client, v6.0	989096DD8D51
SL723371264223	semAPI System Interface, v2.3	0017A44712CE
SL4061259193123	semAPI System Interface, v2.3	0017A4474D5A

JEA – Unit 3 – SID4682

Software	Evolve (01 Nov'18 – 31 Oct '20)	# of Concurrent	17	System	<input type="checkbox"/> Turbine Analyst
Support Level	Upgrade (01 Nov'20 – 31 Oct'21)	Users		Functionality	<input checked="" type="checkbox"/> History
					<input checked="" type="checkbox"/> Harm. Gateway

Licenses Included in System Identification		
License #	Product Description	Machine ID
SL693322809203127	S+ Operations, Primary, v2.0	549F35083F4C
SL396332809203127	S+ Operations, Redundant, v2.0	549F350840B4
SL508240818293087	Composer Harmony Server, v6.0	40182
6S7069526	Composer Harmony Client, v6.0	00155D6EC801
7K94432711	Composer Harmony Client, v6.0	180373D555B7
6S7069521	Composer Harmony Client, v6.0	180373E09444
SL539250818293087	Composer Harmony Client, v6.0	40182
6S7069522	Composer Harmony Client, v6.0	64006A6C6A4B
SL73444321314102	Composer Harmony Client, v6.0	B8AC6F82D318
6S7069528	Composer Harmony Client, v6.0	D89EF33351AA
6S7069511	Composer Harmony Server, v6.0	00155D6EC801
SL070341908054025	Harmony Gateway, v6.0	
SL267531803095067	Harmony Gateway, v6.0	
SL446373103113025	Harmony Gateway, v6.0	
SL587560203054048	Harmony Gateway, v6.0	
SL879170803054048	Harmony Gateway, v6.0	
SL574371710243043	IET800 w/Advanced Security, vA.0	00c0c901f4c6
SL543371710243043	IET800 w/Advanced Security, vA.0	00c0c901f4cd
SL480371710243043	IET800 w/Advanced Security, vA.0	00C0C901FD0D
SL433371710243043	IET800 w/Advanced Security, vA.0	00C0C901FD26
SL496371710243043	IET800 w/Advanced Security, vA.0	00C0C901FD29
SL527371710243043	IET800 w/Advanced Security, vA.0	00C0C901FD45
SL386371710243043	IET800 w/Advanced Security, vA.0	00C0C9020933
SL621371710243043	IET800 w/Advanced Security, vA.0	00c0c9020c5c
SL605371710243043	IET800 w/Advanced Security, vA.0	00c0c9020c65
SL715371710243043	IET800 w/Advanced Security, vA.0	00c0c9020c7a
SL652371710243043	IET800 w/Advanced Security, vA.0	00c0c9020c7c
SL699371710243043	IET800 w/Advanced Security, vA.0	00c0c9020c81
SL668371710243043	IET800 w/Advanced Security, vA.0	00c0c9020c84
SL449371710243043	IET800 w/Advanced Security, vA.0	00C0C9022402
SL46189181474	semAPI System Interface, v2.2	00110A9AC413
SL468189181474	semAPI System Interface, v2.2	001185639C6F
SL47653171326455	semAPI System Interface, v2.2	0017A447895C

2.2 Software Scope of Supply

ABB will be upgrading the following software licenses numbers (Unit 1/SID2956):

- SL970440011145122
- SL221450011145122
- SL357044610282066
- SL873044610282066

Additional features or capacity expansions (tags, operator clients, OPC client, etc.) can be quoted upon your request.

ABB will be upgrading the following software licenses numbers (Unit 2/SID4681):

- SL566344411143015
- SL196410911145122
- SL238354411143015
- 6S6381911
- SL65643321314102

- 6S7069527
- 6S6353211
- SL25045321314102
- 6S6381921
- 6S6381922
- 6S6381924
- 6S6381923
- SL343305513244102

Additional features or capacity expansions (tags, operator clients, OPC client, etc.) can be quoted upon your request.

ABB will be upgrading the following software licenses numbers (Unit 3/SID4682):

- SL693322809203127
- SL396332809203127
 - SL508240818293087
 - 6S7069526
 - 7K94432711
 - 6S7069521
 - SL539250818293087
 - 6S7069522
 - SL3444321314102
 - 6S7069528
 - 6S7069511

Additional features or capacity expansions (tags, operator clients, OPC client, etc.) can be quoted upon your request.

2.3 Hardware Scope of Supply

ABB will supply all necessary Dell computer hardware per ABB's specifications, third party software, and all third party equipment as follows:

JEA – Northside Unit 1:

- Four (4) S+ Operations Servers
- Two (2) S+ Historian Servers
- Eight (8) S+ Operations Workstations
- Five (5) S+ Engineering Workstations

JEA – Northside Unit 2:

- Four (4) S+ Operations Servers
- One (1) S+ Engineering Server
- Two (2) S+ Historian Servers
- Nine (9) S+ Operations Workstations
- Five (5) S+ Engineering Workstations

JEA – Northside Unit 3:

- Two (2) S+ Operations Servers
- One (1) S+ Engineering Server
- Two (2) S+ Historian Servers
- Eight (8) S+ Operations Workstations
- Five (5) S+ Engineering Workstations

Please see the Attachments section of this proposal and refer to the Detailed Bill of Material.

3 Project Organization

3.1 Project Management

The success of every project is based upon the effective coordination and communication between the Client and ABB. In order to achieve this goal, ABB assigns a qualified Project Manager to each project that is awarded. The Project Manager acts as the single point of contact for the Client for all matters related to project scope, schedule, and commercial items.

The Project Manager develops the project implementation plan in conjunction with the Project Team and is responsible for its execution in accordance with the Client's contractual requirements and expectations. Review of those requirements and expectations is made during project kick-off, to ensure all parties have a common understanding.

The implementation strategy developed by the Project Manager will ensure optimum schedule adherence, contract delivery, and system performance through effective and efficient resource utilization with a focus on maximum quality and reliability through internal design reviews and through industry-wide, sustainable quality procedures including but not limited to ISO9001.

The Project Manager is supported by the Primary System Engineer (PSE), the Lead Field Service Engineer, and by Technical Specialists.

The PSE is responsible for directing the technical implementation of the project and assuring consistency and uniformity across the design and implementation phases of the project by following the design basis agreed upon with the customer. The PSE coordinates the System Engineers, who provide the detailed design, implementation, and testing of the Distributed Control System. They include HMI, application and hardware engineers/technicians.

3.2 Meetings

The following meetings are included.

Meetings Proposal Summary

Qty.	Meeting	Location	Duration	Attendees
1	Kick-off Meeting	Conference Call	1/2 Day	Project Manager & Lead Engineer

Notes:

1. *Additional review meetings can be conducted by conference call.*

4 Project Engineering Services

4.1 In-House Engineering

This proposal is based on ABB performing the following services in-house:

- Order software and hardware as described in scope of supply
- Stage hardware and load software
- Acquire customer's backup files
- Configure Windows Security
- Restore customer's backup files
- Perform health check of system
- Tear down and package hardware for shipment

4.2 Deliverables

4.2.1 Customer Deliverables

This proposal is based upon the customer providing the following deliverables:

- HMI Backup Files
- Engineering Backup Files

* ABB will provide a document that depicts the procedures on how to obtain the required information. It is very important that the Customer provided files be error free prior to submittal to ABB for conversion. Further, the EWS and Console files associated with the above information must be consistent. Otherwise the Customer must clearly define which file (either from EWS or Console) should be used as the master. If Configurations are inconsistent the ABB project team may be required to perform additional cleanup activities which could result in a change order.

Note: ABB can assist Customer with obtaining required information. See option pricing.

4.2.2 ABB Deliverables

This proposal is based upon ABB providing the following deliverables:

- Formal documentation of testing results using ABB TeamCheck.
- Standard Product Manuals
- ABB will provide two (2) sets of As-Shipped S+ Operations Full Back-upfiles.
- ABB will load and restore the evolved configuration files in the new EWS.

5 Field Service

5.1 Introduction to Field Service

When it comes to service, ABB's target is the same as yours – more uptime, greater safety, and increased profitability. Providing world-class support to ensure maximum performance of your Power and Automation equipment investment is important to us. Our complete portfolio of services and service products can help you maximize your investment by improving equipment productivity and minimizing costs through extending the useful equipment life.

At ABB, we give you one of the largest staff of control system specialists in the industry. They are thoroughly capable of diagnosing and solving any instrumentation and control challenges. We offer the flexibility and know-how to expertly service ABB products, as well as the instrumentation and controls of other manufacturers.

5.2 Start-up, Testing & Commissioning Services

A detailed Summary of the service support hours per unit can be found below.

Field Service Proposal Summary per Unit

Unit	ABB Personnel	Trips	Duration	ABB Personnel Shifts
1	Field Service Engineer	1	8 Working Days	10hr Days (Monday - Friday)
2	Field Service Engineer	1	8 Working Days	10hr Days (Monday - Friday)
3	Field Service Engineer	1	8 Working Days	10hr Days (Monday - Friday)

Notes:

- 1. Field Service is offered as an allotment of working days as described above. In addition to above, ABB has also included travel time to and from the site.*
- 2. Any adjustment of hours (increase or decrease) will result in a responding change order. Please note, a per diem rate for Field Service is provided in the Commercial Section of this proposal for your information.*
- 3. The field service engineers shall be granted unencumbered access to the equipment upon which work is to be conducted. Standby time, resulting from any issue, will be charged against the stipulated hours.*
- 4. Travel & Living expenses have been included.*

6 Assumptions, Clarifications, and Standards

Any order for this proposal will be based only on the hardware, software, and services as described above.

This proposal is based upon ABB supplying standard servers, workstations, and networking hardware, and following standard system loading procedures, including computer naming, user account names, and IP addressing. Software loading and network/computer hardware configuration information will be provided during the course of system design and engineering for information purposes. This standardization allows ABB to load the computers based on system images and reduces cost to the customer.

The specific network equipment part numbers listed are based on current standards and are subject to change during the project execution if updated equipment is released by the OEM.

If the Customer would like to use a different computer model or make, or purchase the computers or use existing computers, or wants other software packages, then ABB will adjust the price to account for the extra engineering time to individually implement the Customer selections and load the software.

7 System Pricing

7.1 System Pricing

The System as Described in this Proposal: **\$746,700.00**

Notes:

1. *Under the software maintenance of Industry Care, Jackson Electric Authority - Northside Generating Station is receiving free software normally sold for \$707,543.00*
2. *The pricing does not include any taxes, duties or tariffs that may be charged by any governmental authority. ABB Inc. shall be reimbursed for any such taxes, duties, etc. that it may pay on the work or equipment covered by any order resulting from this proposal.*

8 Optional Pricing

8.1 Field Service

If additional field service time, beyond the time included in the proposal is required, the field service will be invoiced per Jackson Electric Authority – Northside Generating Station active and valid Industry Care Agreement. If no active and valid Industry Care Agreement is in place, field service will be invoiced at List Price in accordance with ABB Field Service Rate Sheet at the time services are rendered.

8.2 Spare Parts

Additional Spare Parts are offered at 10% off published list price.

8.3 Field Service Data Collection Assistance

A Field Service Engineer will go to Site and assist in collect the Customer Deliverables in Section 4.2.1.

The Price for Data Collection Assistance: **\$8,400.00**

9 Purchase Order Instructions

If this proposal meets your approval, please send your purchase order referencing the Proposal Number, ABO-200417-1, and Date information to US-PSPG-OE@abb.com.

10 Commercial

10.1 Terms and Conditions of Sale

This proposal is submitted under the agreed Maintenance Agreement between JEA and ABB Inc. as defined in Contract #123557 signed on October 2012. The terms in Contract #123557 shall supersede any conflicting terms in this proposal.

10.2 Corona Virus (COVID 19) Sales Contract Clause

Both ABB and the Customer are aware of the outbreak of a Coronavirus (commonly known as COVID-19) or any mutation of such virus which is impacting or may impact normal business. ABB hereby reserves the right to amend the delivery, the price, the Scope and the terms and conditions of contract set out in this offer. Notwithstanding anything to the contrary, the forgoing paragraph is deemed to be incorporated into any subsequent concluded contract.

10.3 Validity

This proposal is subject to acceptance within Ninety (90) days. All prices, schedules, and technical descriptions are valid throughout this period.

10.4 Payment Terms

ABB's standard payment terms are Net 30.

10.5 Payment Milestones

- 20% upon receipt of Purchase Order
- 12% upon order of hardware for NS1
- 12% upon order of hardware for NS2
- 11% upon order of hardware for NS3
- 5% upon delivery of hardware for NS1 to NGS
- 5% upon delivery of hardware for NS2 to NGS
- 5% upon delivery of hardware for NS3 to NGS
- 10% upon startup of NS1
- 10% upon startup of NS2
- 10% upon startup of NS3

10.6 Delivery

This proposal is based on delivery FOB Destination.

10.7 Schedule

Based on an order by May 4th, delivery of NS2 can be completed by Oct, 2020. Delivery of NS1 can be completed by Nov, 2020. Delivery of NS3 can be completed by March, 2021.

10.8 Confidentiality

This proposal contains information that is proprietary to ABB Inc.

11 Attachments

1. Field Service Rate Sheet
2. Detailed Bill of Material

ABB US Service Standard Rate Sheet – 2020

Primary Work Hours

The following labor rates are applicable during Primary Working Hours (PWH) defined as an 8-hour period beginning between 7:00 A.M. and 10:00 A.M. Monday through Friday, excluding national and ABB recognized holidays. The primary work hours include a one half-hour non-paid lunch period and two 15-minute breaks during the day.

Base Service Labor Rates

Technology	Service Type	Hourly Rate
Drives and Motors	Field Services	\$315
Open Control systems (OCS)	Field Services	\$306
	Process Application Engineering Services	\$345
Paper Quality Control Systems & Web Imaging Systems (QCS &WIS)	Field Services	\$306
	Sensor Specialist Services	\$342
	Systems Engineering Services	\$342
	Process Application Engineering Services	\$345
	Lorentzen & Wettre Engineering Services	\$326
	Lorentzen & Wettre Specialist Service	\$370
Power Generation Specialist	Turbine Control Systems Services	\$335
	Flame Scanner Services	\$335
	Power Plant Tuning	\$335
All	Project Management Services	\$331
	Process Control Tuning Services	\$339
	Regional Technical Advisor, Network & Security Services	\$345
	Process Optimization Services	\$367

Overtime Hours

For billing purposes ABB Inc. defines overtime as those hours worked outside the Primary Working Hours or in excess of eight (8) hours in one day. The standard charges for overtime are defined as follows:

- All work performed outside the PWH or over 8 hours in one day is charged at one and one half times the labor rate (Base Service Labor Rate X 1.5).
- All work performed on Saturday is charged at one and one half times the labor rate (Base Service Labor Rate X 1.5).
- All work performed on Sunday is charged at two times the labor rate (Base Service Labor Rate X 2).
- All work performed on national or an ABB holiday is charged at three times the labor rate (Base Service Labor Rate X 3).

Field Engineer Stand-By

- Engineer Stand-By support occurs when a customer requests an engineer to perform “stand-by” duty where that engineer is specifically reserved for that Customer and cannot be dispatched to another Customer job site. The customer reserving the engineer in stand-by readiness mode shall be charged for Stand-By service.
- Field Engineer Stand-By Service is charged at 4 PWH per day. If the “reserved” Field Engineer is called to this site, then 2 PWH will be credited to the customer. Overtime hours, travel expenses, travel time and other conditions of service per this rate sheet shall apply.

Telephone Support\$400.00 per hour

- A minimum of one (1) hour is charged per request.
- Additional charges are in one-hour increments beyond the first one (1) hour period.

Travel Costs

- Travel expenses are charged at 58 cents / mile or actual public transportation costs plus 10%.
- Living expenses are charged at actual costs incurred plus 10%.
- Completed Travel Time, to and from the Customer Site, will be charged at rates listed under this rate sheet.

Conditions of Service

- Service provided per this rate sheet is approved by the customer in the form of a purchase order or written authorization for additional hours prior to dispatching field personal to site.
- Other chargeable time will be invoiced which may include additional PWH and/or overtime spent at the customer’s facility, round trip travel to and from site, time spent preparing written service reports, and time for other customer requested activities.
- A minimum of four (4) hours is charged for any service call to a client’s facility.
- ABB Inc. General Terms and Conditions of Sales apply.
- All orders are subject to credit approval by ABB.
- The standard delivery lead-time for parts and materials is eight weeks from acceptance of order.
- All information contained herein is proprietary data of ABB Inc. and that no disclosure, reproduction or use by third parties may be made without written permission of ABB.
- Customer approves the use of their company names in ABB newsletters, press releases, proposals, experience lists, and resumes (for proposal purposes) of our employees.

2020 Holiday Schedule

Wednesday, Jan. 1 - New Year’s Day	Wednesday, Nov. 11 – Veterans Day
Monday, Jan. 20 – Martin Luther King Jr. Day	Thursday, Nov. 26 –Thanksgiving Day
Monday, Feb. 17 – Presidents Day	Friday, Nov. 27 – Day After Thanksgiving
Monday, May 25 - Memorial Day	Thursday, Dec. 24 – Day Before Christmas
Friday, July 3 – Independence Day observed	Friday, Dec. 25 – Christmas Day
Monday Sept. 7 - Labor Day	



Jacksonville Electric Authority
S+ Upgrade
ABO-200417-1 - Equipment List

QTY	PART NUMBER	DESCRIPTION
SPLUS CONSOLE 1		
S+ OPERATIONS SYSTEM ARCHITECHTURE		
1	8VZZ000777S0100	S+ OPERATIONS 3.2 - BASE
1	8VZZ000777L0110	SERVER-CLIENT LICENSING
S+ OPERATIONS SERVER SERVICES		
4	8VZZ000777L0130	REAL-TIME SERVERS
1	8VZZ000777L0140	HISTORIAN SERVER
S+ OPERATIONS CONNECTIVITIES		
1	8VZZ000777L0180	HR CONNECT
S+ OPERATIONS REALTIME SERVER TAGS		
3	8VZZ000777L0420	10000 REDUNDANT TAGS PACK
S+ OPERATIONS HISTORIC DATA HANDLING/INFORMATION MANAGEMENT		
1	8VZZ000777L0620	10000 RLT LOGS PACK
S+ OPERATIONS OPERATOR CLIENTS		
9	8VZZ000777L0640	1 OPERATOR CLIENT PACKAGE
1	8VZZ000777L0650	10 OPERATOR CLIENT PACKAGE
1	8VZZ000777L0730	1 FULL OFFICE CLIENT PACKAGE
S+ OPERATIONS ALARM ANALYSIS		
1	8VZZ000777L0950	ALARM PORTAL BASIC
S+ SYSTEM MEDIA		
1	8VZZ000052Z0005	SYMPHONY PLUS PRODUCT PACKAGE 10/2018
1	2VAA006772R1	USB KEY FOR WIN 8.1/2012 AND LATER
SPLUS CONSOLE 2		
S+ OPERATIONS SYSTEM ARCHITECHTURE		
1	8VZZ000777S0100	S+ OPERATIONS 3.2 - BASE
1	8VZZ000777L0110	SERVER-CLIENT LICENSING
S+ OPERATIONS SERVER SERVICES		
4	8VZZ000777L0130	REAL-TIME SERVERS
1	8VZZ000777L0140	HISTORIAN SERVER
S+ OPERATIONS CONNECTIVITIES		
1	8VZZ000777L0180	HR CONNECT
S+ OPERATIONS REALTIME SERVER TAGS		
3	8VZZ000777L0420	10000 REDUNDANT TAGS PACK
S+ OPERATIONS HISTORIC DATA HANDLING/INFORMATION MANAGEMENT		
3	8VZZ000777L0620	10000 RLT LOGS PACK
S+ OPERATIONS OPERATOR CLIENTS		
8	8VZZ000777L0640	1 OPERATOR CLIENT PACKAGE
1	8VZZ000777L0650	10 OPERATOR CLIENT PACKAGE
S+ OPERATIONS ALARM ANALYSIS		
1	8VZZ000777L0950	ALARM PORTAL BASIC
S+ ENGINEERING BASE LICENSE		
1	8VZZ000771S0100	S+ ENGINEERING 2.2 BASE
S+ ENGINEERING CLIENT SUPPORT		
8	8VZZ000771L0120	ADDITIONAL CLIENT SUPPORT
S+ SYSTEM MEDIA		
1	8VZZ000052Z0005	SYMPHONY PLUS PRODUCT PACKAGE 10/2018
1	2VAA006772R1	USB KEY FOR WIN 8.1/2012 AND LATER
SPLUS CONSOLE 3		
S+ OPERATIONS SYSTEM ARCHITECHTURE		
1	8VZZ000777S0100	S+ OPERATIONS 3.2 - BASE
1	8VZZ000777L0110	SERVER-CLIENT LICENSING
S+ OPERATIONS SERVER SERVICES		
2	8VZZ000777L0130	REAL-TIME SERVERS
1	8VZZ000777L0140	HISTORIAN SERVER
S+ OPERATIONS CONNECTIVITIES		
1	8VZZ000777L0180	HR CONNECT
S+ OPERATIONS REALTIME SERVER TAGS		
1	8VZZ000777L0420	10000 REDUNDANT TAGS PACK



S+ OPERATIONS HISTORIC DATA HANDLING/INFORMATION MANAGEMENT		
1	8VZZ000777L0620	10000 RLT LOGS PACK
S+ OPERATIONS OPERATOR CLIENTS		
7	8VZZ000777L0640	1 OPERATOR CLIENT PACKAGE
1	8VZZ000777L0650	10 OPERATOR CLIENT PACKAGE
S+ ENGINEERING BASE LICENSE		
1	8VZZ000771S0100	S+ ENGINEERING 2.2 BASE
S+ ENGINEERING CLIENT SUPPORT		
6	8VZZ000771L0120	ADDITIONAL CLIENT SUPPORT
S+ SYSTEM MEDIA		
1	8VZZ000052Z0005	SYMPHONY PLUS PRODUCT PACKAGE 10/2018
1	2VAA006772R1	USB KEY FOR WIN 8.1/2012 AND LATER
CLIENT/SERVER EQUIPMENT		
OPERATOR WORKSTATIONS		
8	CLIENT-PC	TOWER CLIENT PC - BUNDLE
SYSTEM SERVERS		
4	DCSSERVER-RACK	DCS RACK SYSTEM SERVER - BUNDLE
HISTORIAN SERVER		
2	HISSERVER-TOWER	HISTORY TOWER SYSTEM SERVER - BUNDLE
OPE LOCATION #2		
OPERATOR WORKSTATIONS		
9	CLIENT-PC	TOWER CLIENT PC - BUNDLE
ENGINEERING WORKSTATIONS		
9	CLIENT-PC	TOWER CLIENT PC - BUNDLE
SYSTEM SERVERS		
4	DCSSERVER-RACK	DCS RACK SYSTEM SERVER - BUNDLE
HISTORIAN SERVER		
2	HISSERVER-TOWER	HISTORY TOWER SYSTEM SERVER - BUNDLE
SPLUS ENGINEERING SERVER		
1	DCSSERVER-TOWER	DCS TOWER SYSTEM SERVER - BUNDLE
OPE LOCATION #3		
OPERATOR WORKSTATIONS		
8	CLIENT-PC	TOWER CLIENT PC - BUNDLE
ENGINEERING WORKSTATIONS		
7	CLIENT-PC	TOWER CLIENT PC - BUNDLE
SYSTEM SERVERS		
2	DCSSERVER-RACK	DCS RACK SYSTEM SERVER - BUNDLE
HISTORIAN SERVER		
2	HISSERVER-TOWER	HISTORY TOWER SYSTEM SERVER - BUNDLE
SPLUS ENGINEERING SERVER		
1	DCSSERVER-TOWER	DCS TOWER SYSTEM SERVER - BUNDLE

JEA Standardization Request / Approval Form

To: Standardization Committee
From: David Biruk

Date: 3/23/2016

In accordance with the JEA Purchasing Code and the Operational Procedure, I hereby request the following item(s)/parts/goods/service or specifications be approved as a standard: (List applicable name, Component tag #, manufacturer, model #, stock or non-stock item, etc.)

DESCRIPTION: ABB Symphony Harmony Infi90/Symphony Plus DCS Systems (ABB bought out Bailey who was the previous standard and the ABB equipment is backwards compatible with the Bailey Equipment)

Justification for Standardization:

Please check all that apply:

- The item requested must be obtained from the Original Equipment Manufacturer due to the criticality of the item or compatibility with existing equipment currently in operation or use within the JEA system.
- The item requested is only available from one source.
- This item is the most cost effective means to safely maintain the highest level of system availability & reliability
- The item purchase lead time/delivery is critical for continuous system operation .
- The item is used in large numbers through out the JEA system.
- The item requested will provide documented long reliable service life at a lower life cycle cost.
- The item requested has better availability and delivery time, which is necessary for the particular application.
- Other (Please explain) _____

Attach calculations/justification or other documentation for all items checked. The above guidelines are to provide a general rational for the Standardization process but in no way shall they be interpreted as limiting either its provisions or applications. Each individual committee holds the ultimate authority in determining justification for each item standardization.

Standardization Committee Approval

David C. Bledsoe

Date 3/23/16

Northside Generating Station: Control System Computers Standard

PREPARED FOR: JEA standards committee
PREPARED BY: David Biruk
DATE: 6/3/2011

1.0 Background

Our DCS control systems at Northside have their own computer networks that are separate from the JEA corporate network. The system consists of both DCS consoles and DCS servers. These DCS computers are maintained entirely by NGS personnel. These machines are required to be running 24 hours a day, 7 days a week at all time that the units are not in an outage and are expected to operate most of the time during an outage as well. It is important for plant reliability that any issues with these machines be resolved very quickly

Northside currently uses Dell computers for DCS servers and consoles. We maintain service contracts on these machines with Dell so we can get any parts or service needed directly from Dell with no purchasing delays. Our current maintenance agreements require Dell to respond within 4 hours to any server issues and within 24 hours to any console issue.

2.0 Justification

Having all of our DCS computers the same brand allows us to go to one source for service and support. This also allows us to keep fewer spare parts on site. We have been using the Dell machines for years. They have been reliable and any issues they did have were addressed in a very timely manner. Because of the vital role these machines have to our plant operations reliability and timely support and service are very important and having a standard computer brand will ensure that timely support and service continues.

***Certification of Standard, Proprietary or
Original Equipment Manufacturer Item***

For Purchase Requisition No. _____

**3-207 Procurement of Standard, Proprietary and Original Equipment
Manufacturer Items.**

A contract may be awarded for supplies or services with limited competition when, under operational procedures, the chief purchasing officer or designee determines in writing that the supplies or services:

- (a) have been selected as a JEA standard in the course of a standards program or through the action of a standards committee (standard); or
- (b) must be a certain type, brand, make or manufacture (proprietary); or
- (c) must be obtained from the original equipment manufacturer or a distributor authorized by the original equipment manufacturer because of the criticality of the item or compatibility within the JEA system (original equipment manufacturer).

Category

The procurement item is (check the appropriate description):

Standard Proprietary Original Equipment Manufacturer

Certification

I the undersigned certify that the specific supplies, services or construction described in the above referenced purchase requisition are the only such supplies, services or construction that will fulfill the intended need for the following reasons: **On 3/23/2016 JEA Standardization Committee approved Harmony software manufactured by ABB for Distributed Control Systems (DCS) at NGS.**

Jamila Akayi

5-5-2020

Signature of appointed employee initiating the purchase request Date

This Certification shall be attached the purchase requisition when routed for approval.

Approval of the purchase requisition shall constitute affirmation of this Certification.

Informational Item – Testing of COVID-19 in Wastewater

Background:

Although it may come as a surprise, testing wastewater for infectious diseases like the polio viruses has been done for decades. The Coronavirus pandemic has certainly had an impact on the things for which we routinely test. JEA, along with other leading utilities in the country are beginning to monitor wastewater for coronavirus as an indication of trends in the community. We have reached out to leading university researchers and have started collecting samples.

We have contacted the University of Arizona, which is the only currently available specialized BLS-3 (Center for Global Infectious Disease Research housing Biosafety Level 3) laboratory available to analyze environmental samples. The University of Arizona Water & Energy Sustainable Technology Center (WEST) Sewage Surveillance for Coronavirus team is led by Dr. Charles Gerba, Ph.D. (environmental virologist with over 45 years of experience in risk assessment and survival of viruses in environmental matrices), Dr. Ian Pepper, Ph.D. (environmental microbiologist with over 45 years of experience in wastewater treatment, land application of biosolids and fate and transport of microbial pathogens) and Dr. Walter Betancourt, Ph.D. (environmental virologist with over 15 years of experience in methods for the recovery and molecular detection of human pathogenic viruses in environmental matrices).

The University of Arizona was selected as they are the only lab granted permission to avoid lockdown and continue analyzing environmental samples. They also have the quickest turnaround time providing results in less than a week. Other labs could be cheaper but they are subject to lockdown and it can take months to get results back. That would not help us with the intended purpose of monitoring the community.

Goal:

Our goal is that after testing samples for a number of weeks we will begin to see if the infection level in the community is doing down, plateaued or hopefully there isn't a resurgence. Two very important points to make is 1) this testing will not result in quantifying the number of people testing positive, only trends and 2) as with other viruses or bacteria, the wastewater treatment process, specifically the disinfection process using chlorine and/or ultraviolet light destroys the virus so there is no risk of infection to the community.

The JEA Southwest Water Reclamation Facility (WRF) influent wastewater was selected for testing based on a number of factors including that it serves mostly residential customers, which is socioeconomically diverse, providing the best representation of the greater Jacksonville area. We are collecting 24-hour composite samples on Wednesdays and Sundays (to capture difference between work week and weekend) as well as including a matrix spike every other week which will confirm the assays are running properly. Tests are \$350 per sample plus shipping costs and we should receive results in less than a week. Based on testing twice per week and one matrix spike every other week, sample costs are estimated to be \$3,500/month plus shipping. If we test for up to six months the cost would be ~\$21,000 plus shipping, which is why we have estimated a total cost of \$25,000. Depending on how results come back at Southwest WRF we may test for a shorter duration or may expand to other WRFs.

This item will be brought to the Awards Committee as an Emergency Procurement for ratification at a later date.