

Welcome to the JEA Awards Meeting

You have been joined to the meeting with your **audio muted** by default.

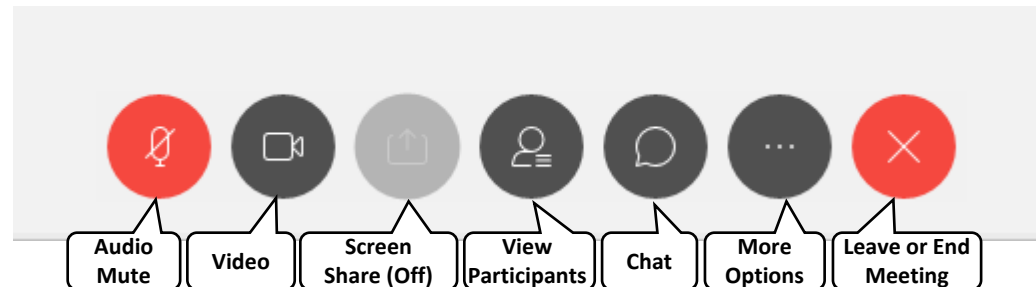
We will unmute your lines during the public comment time and provide opportunity for you to speak.

During the meeting, interested persons can also email **Cecil Camacho** at camac@jea.com to submit public comments to be read during the meeting regarding any matter on the agenda for consideration.

Public comments by e-mail must be received no later than 9:00 a.m. to be read during the public comment portion of the meeting.

Please contact **Cecil Camacho** by telephone at **(904) 568-7271** or by email at camac@jea.com if you experience any technical difficulties during the meeting.

Below is a summary of the meeting controls you will see at the bottom of your screen.



AWARDS COMMITTEE AGENDA

DATE: Thursday, February 3, 2022

TIME: 10:00 A.M.

PLACE: JEA, Customer Center, Bid Office, 1st Floor, 21 West Church Street, Jacksonville, FL
32202 OR
WebEx/Teleconference
WebEx Meeting Number (access code): 160 199 4252
WebEx Password: pxP6CqUSt63

Public Comments:

Awards:

1. Approval of the minutes from the last meeting (01/27/2022).
2. Request approval to award a change order to J.B. Coxwell Contracting, Inc., for construction services for COJ Hart Expressway Modification: Bay Street to Talleyrand Avenue, in the amount of \$132,339.78 for a new not-to-exceed amount of \$522,591.17, subject to the availability of lawfully appropriated funds.
3. Request approval to award a contract to Orlando Freightliner (\$1,001,043.00), Cumberland International Trucks of Florida, LLC (\$810,096.17), and Kenworth of Jacksonville Inc. (\$460,888.00), for the purchase of eleven (11) vehicles within the vehicles for JEA's FY22 and FY23 heavy duty fleet capital requirements, for a total not-to-exceed amount of \$2,272,027.17, subject to the availability of lawfully appropriated funds.
4. Request approval to award a contract to PowerPlus Cleaning Systems for a NGS N01 CFB HRA Impulse Cleaning System in the amount of \$434,283.00, subject to the availability of lawfully appropriated funds.
5. Request approval to award a contract to the developer, Mattamy Jacksonville, LLC for the construction of the reclaimed water main and sewer force main by Dirtworks Jax for the Rivertown Parcel 47 project in the amount of \$1,369,819.08, subject to the availability of lawfully appropriated funds.
6. Request approval to award a change order to Constantine Engineering, LLC. for additional engineering for the Lofton Oaks Water Treatment Plant Improvements Project in the amount of \$73,474.56, for a new not-to-exceed amount of \$641,142.81, subject to the availability of lawfully appropriated funds.
7. Request approval to award a contract to Time Manufacturing Company (\$1,807,661.00) and Altec Industries, Inc. (\$2,854,202.00), for the purchase of twenty-one (21) vehicles for JEA's FY23 aerial duty fleet capital requirements, for a total not-to-exceed amount of \$4,661,863.00, subject to the availability of lawfully appropriated funds.

Informational Items: N/A

Open Discussion: N/A

Public Notice: N/A

General Business: N/A

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

02-03-2022 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 01/27/2022 meeting.
2	Change Order	Vu	N/A	\$132,339.78	J.B. Coxwell Contracting, Inc.	Project Completion (Expected: August 2022)	<p><u>COJ Hart Expressway Modification: Bay Street to Talleyrand Avenue</u></p> <p>Originally approved by Awards Committee on 01/30/2020 in the amount of \$390,251.39 to J.B. Coxwell Contracting, Inc. A copy of the original award is attached as backup.</p> <p>This award request is for a change order to the construction contract of J.B. Coxwell Contracting, Inc. for COJ Hart Expressway Modification: Bay Street to Talleyrand Avenue project. After the project was awarded, unforeseen contaminated soils were discovered and needed to be removed and replaced in order to install the mains. Additionally, new tie in points to larger mains were needed. JEA crews also found an active gravity sewer manhole that needs to be kept in service and raised to meet the new grade. The change order quotes and summary are attached as backup. Contracted unit price items were used by the contractor to create his quote where applicable.</p> <p>Request approval to award a change order to J.B. Coxwell Contracting, Inc., for construction services for COJ Hart Expressway Modification: Bay Street to Talleyrand Avenue, in the amount of \$132,339.78 for a new not-to-exceed amount of \$522,591.17.</p>
3	Invitation to Negotiate (ITN) 6 respondents	McElroy	\$2,054,000.00	\$810,096.17 \$460,888.00 \$1,001,043.00	Cumberland International Trucks of Florida, LLC Kenworth of Jacksonville Inc. Orlando Freightliner	Project Completion	<p><u>JEA Heavy Duty Vehicle Procurement Acquisition</u></p> <p>The purpose of this Invitation to Negotiate (the "ITN") was to solicit pricing for the purchase of eleven (11) heavy duty vehicles for JEA's FY22 and FY23 requirements. This purchase is for planned and budgeted replacement of JEA's Fleet Water (Water Replacement – 1 units) and Electric (Electric Replacement – 8 units) assets along with expansion units for JEA's Fleet Water (Water Expansion - 2 Units) associated with the Fleet Capital Procurement Plan.</p> <p>The solicitation was processed as an ITN given the complexity of the work found within the solicitation, as this was a fleet capital solicitation that</p>

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						<p>involved complex technical requirements. The basis of award is to the contract to the highest ranked Respondent for each heavy duty vehicle groupings included in this solicitation. After the Best and Final Offers (BAFO) were submitted, Orlando Freightliner, Cumberland International Trucks, and Orlando Freightliner were deemed the lowest cost responsible and responsive Respondents for the heavy duty vehicle groupings included in this solicitation.</p> <p>When comparing JEA's past pricing to the proposed winning supplier, JEA's new pricing will on average be 1.4%, or \$20,297.15 higher on Groupings 2, 3, and 4 based on current market conditions. This percentage was determined by taking the last price paid and comparing those prices to the quoted unit prices found within this solicitation. We have excluded groupings 1 due to the item has not been purchased since 2009 along with excluding grouping 5 as it has never been purchased before and the closest item was a considerably different 38 Ton Crane in 2008.</p> <p>Request approval to award a contract to Orlando Freightliner (\$1,001,043.00), Cumberland International Trucks of Florida, LLC (\$810,096.17), and Kenworth of Jacksonville Inc. (\$460,888.00), for the purchase of eleven (11) vehicles within the vehicles for JEA's FY22 and FY23 heavy duty fleet capital requirements, for a total not-to-exceed amount of \$2,272,027.17, subject to the availability of lawfully appropriated funds.</p>
4	Single Source	Erixton	\$434,283.00	\$434,283.00	PowerPlus Cleaning Systems	<p style="text-align: center;">Project Completion (installation complete 3/30/2022)</p> <p><u>NGS - N01 CFB HRA Impulse Cleaning System</u></p> <p>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.</p> <p>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</p>

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						<p>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.</p> <p>Request approval to award a contract to PowerPlus Cleaning Systems for a NGS N01 CFB HRA Impulse Cleaning System in the amount of \$434,283.00, subject to the availability of lawfully appropriated funds.</p>
5	Miscellaneous	Vu	\$1,337,620.00	\$1,369,819.08	<p>Mattamy Jacksonville, LLC/Dirtworks Jax</p>	<p style="text-align: center;">Project Completion (Estimated: September 2022)</p> <p><u>2020-2839 Rivertown Parcel 47</u></p> <p>The Rivertown Parcel 47 project is part of the Rivertown Developer Utility Service Agreement dated December 22, 2004, which outlines that certain JEA system improvements are reimbursable to the Developer. Per Exhibit D of the Agreement, JEA will reimburse the Developer, Mattamy Jacksonville LLC, for the improvements associated with the Rivertown Parcel 47 Project. This project 2,000 LF of 12-inch water main, 2,050 LF of 12-inch reclaim water main, 2,800 LF of 4-inch sewer force main, and a duplex lift station with pony pump.</p> <p>The developer requested bids for all the utility work and the project was awarded based upon the lowest lump sum total. Mattamy Jacksonville, LLC publicly bid the project and received two Bids. All of the Bidders to Mattamy Jacksonville, LLC are listed above, with Dirtworks Jax being the lowest Bidder. The bid is approximately 2.4% more than JEA's estimate and deemed reasonable.</p> <p>Request approval to award a contract to the developer, Mattamy Jacksonville, LLC for the construction of the reclaimed water main and sewer force main by Dirtworks Jax for the Rivertown Parcel 47 project in the amount of \$1,369,819.08.</p>

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6	Change Order	Vu	\$75,000.00	\$73,474.56	Constantine Engineering, LLC.	Project Completion (Expected: July 2023)	<p><u>Engineering Services for the Lofton Oaks Water Treatment Plant (WTP) Improvements Project</u></p> <p>Originally approved by Awards Committee on 06/21/2018 in the amount of \$342,800.00 to Constantine Engineering Inc. On 11/30/2018 an administrative change order was approved in the amount of \$19,675.00 for well quality verification and a pump replacement evaluation. On 03/28/2019, a change order was approved by the Awards Committee in the amount of \$114,096.25 for additional design directed by JEA to increase redundancy and resiliency at the plant. On 05/19/2019, an administrative change order was approved in the amount of \$14,120.00 for additional landscape design as the result of requirements from the Nassau County permit department. Lastly, on 09/03/2020, the Awards Committee approved a change order for additional design work related to permitting and services during construction. Copies of the previous awards are attached for reference.</p> <p>The project was put on hold from December 2020 until now, due to capital budget concerns. However, the project has been re-started due to the increased growth in Yulee/Nassau County. This change order request is to update the design documents, specifications, permits, and bid documents from the 2020 JEA standards to the 2022 JEA standards. The previously negotiated hourly rates were increased by the Consumer Price Index (CPI) to develop the rates used in this amendment.</p> <p>Request approval to award a change order to Constantine Engineering, LLC. for additional engineering for the Lofton Oaks Water Treatment Plant Improvements Project in the amount of \$73,474.56, for a new not-to-exceed amount of \$641,142.81.</p>
7	Invitation to Negotiate (ITN) 3 respondents	McElroy	\$4,623,000.00	\$2,854,202.00 \$1,807,661.00	Altec Industries, Inc. Time Manufacturing Company	Project Completion	<p><u>JEA Aerial Duty Vehicle Procurement Acquisition</u></p> <p>The purpose of this Invitation to Negotiate (the "ITN") was to solicit pricing for the purchase of twenty-one (21) aerial duty vehicles for JEA's FY23 requirements. This purchase is</p>

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						<p>for planned and budgeted replacement of (20 units) JEA’s Energy assets and JEA’s Fleet Expansion plan (1 unit) associated with the Fleet Capital Procurement Plan.</p> <p>The solicitation was processed as an ITN given the complexity of the work found within the solicitation, as this was a fleet capital solicitation that involved complex technical requirements along with ever evolving supply chain issues. The basis of award is to the contract to the highest ranked Respondent for each aerial duty vehicle groupings included in this solicitation. After the Best and Final Offers (BAFO) were submitted, Altec Industries, Inc. and Time Manufacturing Company were deemed the lowest cost responsible and responsive Respondents for the six (6) aerial duty vehicle groupings.</p> <p>Supply Chain disruptions have plagued the automobile industry in 2021 and is continued to progress through 2022 and possibly 2023. JEA has tried to adapt to the market to ensure supply of assets, and one such adaption is that while traditionally price increases are not afforded to bidders during the BAFO round, this was an accommodation allowed to all bidders as long as it was unplanned price increases from subs. We would also allow future change orders where documented increases could be passed through to the suppliers and in turn to JEA from their subs, as long as documentation was provided that these were unavoidable by reasonable measure. This decision was based on the feedback during the ITN sessions, and is in line with other general conversations outside of this bid, that each vendor has seen and expects to continue to see volatility in pricing in their supply base. As such, Time Manufacturing did increase pricing by approximately five percent (5%) based on cab & chassis vendor price adjustments occurring during the bid.</p> <p>We did see BAFO price decreases from Altec Industries, Inc. and Ring Power by approximately three percent (3%) and six percent (6%) respectively. By calculating both the BAFO reductions and BAFO increases, an overall BAFO decrease was realized of \$26,331.00.</p>
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							<p>When comparing JEA’s past pricing to the proposed winning supplier for each respective grouping, JEA’s new pricing will be 17.6%, or \$689,293.00 higher based on current market conditions for Vehicle Groupings 1, 2, 3, 5, and 6 which were awarded in January 2021 for the FY22 purchases and Group 4 last buy was FY21 purchases. This percentage was determined by taking the last price paid and comparing those prices to the quoted unit prices of this solicitation.</p> <p>Request approval to award a contract to Time Manufacturing Company (\$1,807,661.00) and Altec Industries, Inc. (\$2,854,202.00), for the purchase of twenty-one (21) vehicles for JEA’s FY23 aerial duty fleet capital requirements, for a total not-to-exceed amount of \$4,661,863.00, subject to the availability of lawfully appropriated funds.</p>
Total Award				\$8,943,806.59			

JEA AWARDS COMMITTEE

JANUARY 27, 2022 MEETING MINUTES

The JEA procurement Awards Committee met on January 27, 2022, in person with a WebEx option.

WebEx Meeting Number (access code): 160 199 4252

WebEx Password: pxP6CqUSt63

Members in attendance were Jenny McCollum as Chief Procurement Officer, Stephen Datz as Chairperson, Hai Vu as Vice Chairperson (on site), Laure Whitmer as Budget Representative, Rebecca Lavie as Office of General Counsel Representative; with Laura Dutton, Joe Orfano (on site), and Todd Skinner (on site for Ricky Erixton). Unless otherwise indicated, all attendees were via WebEx.

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

Public Comments:

Chair Datz 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:

1. Approval of the minutes from the last meeting (01/20/2022). Chair Datz verbally presented the Committee Members the proposed January 20, 2022 minutes as amended.

MOTION: Hai Vu made a motion to approve the January 20, 2022 minutes (Award Item 1). The motion was seconded by Joe Orfano and approved unanimously by the Awards Committee (5-0).

The Committee Members reviewed and discussed the following Awards Items 2 - 6:

2. Request approval to award a contract to Engineered Spray Solutions LLC for Sanitary Sewer Manhole Structural Rehabilitation and Repair in the amount of \$2,100,000.00, subject to the availability of lawfully appropriated funds.

MOTION: Laura Dutton made a motion to approve Award Item 2 as presented in the committee packet. The motion was seconded by Hai Vu and approved unanimously by the Awards Committee (5-0).

3. Request approval to award a contract to Verizon Wireless for wireless device usage in the amount of \$5,921,963.44, subject to the availability of lawfully appropriated funds.

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

4. Request approval to award a contract increase to Cooper Power Systems LLC for Network Protectors in the amount of \$3,516,255.30, for a new total not-to-exceed amount of \$5,118,673.30, subject to the availability of lawfully appropriated funds.

MOTION: Hai Vu made a motion to approve Award Item 4 as presented in the committee packet. The motion was seconded by Todd Skinner and approved unanimously by the Awards Committee (5-0).

5. 1410523446 – Request approval to award a contract to Milton J. Wood Fire Protection, Inc. for BBGS and KGS CO2 Fire Protection System Upgrades in the amount of \$878,625.00, subject to the availability of lawfully appropriated funds.

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

6. Request approval to award a contract to the developer, Mattamy Jacksonville, LLC for the construction of the reclaimed water main and sewer force main by T.G. Utility Company, Inc. for the Rivertown Parcel 29 project in the amount of \$592,848.00, subject to the availability of lawfully appropriated funds.

MOTION: Hai Vu made a motion to approve Award Item 6 as presented in the committee packet. The motion was seconded by Todd Skinner and approved unanimously by the Awards Committee (5-0).

Informational Item:

No informational items were presented to the Awards Committee.

Ratifications:

No ratifications were presented to the Awards Committee

Public Comments:

No additional public comment speaking period was taken.

Adjournment:

Chair Datz adjourned the meeting at 10:33 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/



Formal Bid and Award System

Award #2 February 3, 2022

Type of Award Request: CHANGE ORDER
Request #: 359
Requestor Name: Robiou, Leandro A.
Requestor Phone: (904) 233-5191
Project Title: COJ Hart Expressway Modification: Bay Street to Talleyrand Avenue
Project Number: 8006090
Project Location: JEA
Funds: Capital
Budget Estimate: N/A

Scope of Work:

Construction of approx. 1,136 feet of 16-inch Ductile Iron Pipe (DIP) CL350, 903 feet of 16-inch PVC DR18, 705 feet of 12-inch PVC DR18, 53 feet of 8-inch PVC DR18, and 81 feet of 6-inch PVC DR18 water main by open-cut method in the Gator Bowl Boulevard corridor with connections to the existing JEA water system at each terminus. Install 2 each fire hydrants. Relocate and renew water services and connections.

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

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
J. B. COXWELL CONTRACTING, INC.	J. David Coxwell	tracyk@jbcowell.com	6741 Lloyd Road West Jacksonville, FL 32254	(904) 786-1120	\$132,339.78

Amount of Original Award: \$390,251.39
Date of Original Award: 01/30/2020
Change Order Amount: \$132,339.78
New Not-To-Exceed Amount: \$522,591.17
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 01/30/2020
End Date (mm/dd/yyyy): Project Completion (Expected: August 2022)
JSEB Requirement: N/A – Project was bid by City of Jacksonville (COJ)

Background/Recommendations:

Originally approved by Awards Committee on 01/30/2020 in the amount of \$390,251.39 to J.B. Coxwell Contracting, Inc. A copy of the original award is attached as backup.

This award request is for a change order to the construction contract of J.B. Coxwell Contracting, Inc. for COJ Hart Expressway Modification: Bay Street to Talleyrand Avenue project. After the project was awarded, unforeseen contaminated soils were discovered and needed to be removed and replaced in order to install the mains. Additionally, new tie in points to larger mains were needed. JEA crews also found an active gravity sewer manhole that needs to be kept in service and raised to meet the new grade. The change order quotes and summary are attached as backup. Contracted unit price items were used by the contractor to create his quote where applicable.

Request approval to award a change order to J.B. Coxwell Contracting, Inc., for construction services for COJ Hart Expressway Modification: Bay Street to Talleyrand Avenue, in the amount of \$132,339.78 for a new not-to-exceed amount of \$522,591.17, subject to the availability of lawfully appropriated funds.

Manager: Sulayman, Mickhael S, Mgr W/WW Project Management
Director: Conner, Sean M., Dir W/WW Project Engineering & Construction
VP: Vu, Hai X., VP Water Wastewater Systems

APPROVALS:

Chairman, Awards Committee **Date**

Budget Representative **Date**



Formal Bid and Award System

Award #4 January 30, 2020

Type of Award Request: MISCELLANEOUS
Requestor Name: Paula, Richard
Requestor Phone: (904) 665-6985
Project Title: COJ Hart Expressway Modification: Bay Street to Talleyrand Avenue
Project Number: 8006090
Project Location: JEA
Funds: Capital
Award Estimate: \$774,789.00

Scope of Work:

Construction of approx. 1,136 feet of 16-inch DIP CL350, 903 feet of 16-inch PVC DR18, 705 feet of 12-inch PVC DR18, 53 feet of 8-inch PVC DR18, and 81 feet of 6-inch PVC DR18 water main by open-cut method in the Gator Bowl Boulevard corridor with connections to the existing JEA water system at each terminus. Install 2 each fire hydrants. Relocate and renew water services and connections.

Purchasing Agent: King, David

Is this a ratification?: NO

If yes, explain:

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
J. B. COXWELL CONTRACTING, INC.	J. David Coxwell	6741 Lloyd Road West Jacksonville, FL 32254	(904) 786-1120	\$390,251.39

Amount for entire term of Contract/PO: \$390,251.39

Award Amount for remainder of this FY: \$390,251.39

Length of Contract/PO Term: Project Completion

Begin Date (mm/dd/yyyy): 01/31/2020

End Date (mm/dd/yyyy): Project Completion

JSEB Requirement: N/A – Project was bid by City of Jacksonville

BIDDERS:

Name	Amount (JEA Portion)
J. B. COXWELL CONTRACTING	\$390,251.39
JOHNSON BROS CORPORATION, A SOUTHLAND COMPANY	\$512,905.00

SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC.	\$740,331.00
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Background/Recommendations:

This is a joint project with the City of Jacksonville (COJ), as allowed by City Charter, Section 21.04. COJ has a project for modifications to the Hart Expressway and along Gator Bowl Boulevard. These modifications will result in the removal of the Hart Expressway overpass and the reconfiguration and renaming of Gator Bowl Boulevard to Bay Street. The modifications to the roadway affords JEA the opportunity to begin the needed secondary water feed by connecting the 16 inch water main along Gator Bowl Boulevard (to be renamed Bay Street) to the existing Talleyrand 12 inch water main. Currently the 12 inch water main on Talleyrand Ave is a combination of PVC and Cast Iron (CI) pipe which is connected to a 12 inch water main which circles the stadium. The stadium water main loops around the stadium under the pedestrian areas immediately surrounding the stadium, then under parking areas and eventually connects to the 16 inch main on Gator Bowl Boulevard. Connecting the Talleyrand and Bay Street water mains directly will provide a water main backbone along a more accessible route, which will provide long-term reliability to the water supply network. As this project will be completed in conjunction with the COJ roadway project, the projects limits must remain within COJ project limits. Future projects will connect to the end of this project at Talleyrand and ultimately connect to a future draw and fill water plant.

The JEA portion of the bid consists of:

- Part B - Bid Items 292-320: \$121,427.37
 - Part C - Bid Items 321-336: \$268,824.02
- Total: \$390,251.39

J. B. Coxwell was the lowest bidder for both Part B and Part C of the project bid workbook. COJ received bids on January 15, 2020, and intends to expedite award of their portion of the work in order to meet Federal Highway Administration schedule requirements.

Request approval to award a contract to J. B. Coxwell Contracting, Inc. for the COJ Hart Expressway Modification: Bay St to Talleyrand Ave project, in the amount of \$390,251.39, subject to the availability of lawfully appropriated funds.


Manager: Sulayman, Mickhael S. - Mgr Joint Agency Projects
Director: Conner, Sean M. - Dir, WWW Grid Project Eng & Construction
VP: Calhoun, Deryle I. - VP/GM Water Wastewater Systems

APPROVALS:

 1/30/2020

Chairman, Awards Committee

Date

 1/30/2020

Manager, Capital Budget Planning

Date

PROJECT NO. 2019-XXXX

BID NO.: CF-0043-20

BID DATE: January 15, 2020
2:00 P.M.

TO: THE CITY OF JACKSONVILLE, FLORIDA

FROM: J.B. Coxwell Contracting, Inc.

In accordance with the Invitation to Bid to construct **Urban Core Riverfront Revitalization and Complete Streets: Hart Bridge Expressway & Talleyrand Connector** for the City of Jacksonville, Florida, subject to the Drawings, Specifications, Standard Specifications and Details, Addenda thereto, if any, all of which are made a part of this Proposal, the undersigned proposes to construct **Urban Core Riverfront Revitalization and Complete Streets: Hart Bridge Expressway & Talleyrand Connector** for the Total Bid as follows:

TOTAL PART A BASE BID \$ 25,456,249.15 (Numerals) (Total of Page 3-10)

Twenty Five Million Four Hundred Fifty Six Thousand
Two Hundred Forty Nine Dollars and Fifteen Cents (Written) (Total of Page 3-10)

TOTAL PART B BASE BID \$ 121,427.37 (Numerals) (Total of Page 3-11)

One Hundred Twenty One Thousand Four Hundred Twenty
Seven Dollars and Thirty Seven Cents (Written) (Total of Page 3-11)

TOTAL PART C BASE BID \$ 268,824.02 (Numerals) (Total of Page 3-11)

Two Hundred Sixty Eight Thousand Eight Hundred
Twenty Four Dollars and Two Cents (Written) (Total of Page 3-11)

SUM TOTAL PARTS A + B + C BASE BIDS \$ 25,846,500.54 (Numerals)

Twenty Five Million Eight Hundred Forty Six Thousand Five Hundred Dollars
and Fifty Four Cents (Written)

A. PROPOSAL SCHEDULE

A Bidder must provide a price on each item listed within each Part. All entries in the entire Proposal must be made clearly in ink. Prices bid must be written in figures. Bidder must insert extended prices obtained by multiplying the proposed quantities times the unit prices. In case of errors, unit prices will govern. The corrected extended prices and corrected Base Bids will be used to determine the lowest qualified Bid. Proposals in which the prices obviously are unbalanced will be rejected.

Item No.	FDOT Pay Item	COJ / JEA Item	Description	Quantity	Unit	Unit Cost	Total Item Cost
ROADWAY							
1	101 1	-	Mobilization	1	LS	\$ 2,302,625.00	\$ 2,302,625.00
2	102 1	-	Maintenance of Traffic	1	LS	\$ 200,700.00	\$ 200,700.00
3	102 14	-	Traffic Control Officer	2,250	HR	\$ 68.25	\$ 153,562.50
4	102 107 1	-	Temp. Signalization and Maint. of Intersection	3,300	ED	\$ 15.75	\$ 51,975.00
5	102 104	-	Temp. Traffic Detection	3,300	ED	\$ 5.25	\$ 17,325.00
6	102 2 1	-	Special Detour 1	1	LS	\$ 145,000.00	\$ 145,000.00
7	102 2 2	-	Special Detour 2	1	LS	\$ 105,500.00	\$ 105,500.00
8	102 2 3	-	Special Detour 3	1	LS	\$ 9,300.00	\$ 9,300.00
9	102 3	-	Commercial Material for Temporary Driveway Maint.	60	CY	\$ 53.00	\$ 3,180.00
10	102 4 1	-	Pedestrian Special Detour 1	1	LS	\$ 4,300.00	\$ 4,300.00
11	102 4 2	-	Pedestrian Special Detour 2	1	LS	\$ 1,600.00	\$ 1,600.00
12	102 4 3	-	Pedestrian Special Detour 3	1	LS	\$ 1,770.00	\$ 1,770.00
13	102 60	-	Work Zone Sign	43,891	ED	\$ 0.21	\$ 9,217.11
14	102 61	-	Business Sign	28	ED	\$ 26.25	\$ 735.00
15	102 62	-	Barrier Mounted Work Zone Sign	5,072	ED	\$ 0.21	\$ 1,065.12
16	102 71 13	-	Temp. Low Profile Barrier	3,764	LF	\$ 32.55	\$ 122,518.20
17	102 71 16	-	Temp. Barrier Wall	665	LF	\$ 16.80	\$ 11,172.00
18	102 71 23	-	Temp. Low Profile Barrier (Relocate)	4,653	LF	\$ 9.45	\$ 43,970.85
19	102 74 1	-	Channelizing Device	164,670	ED	\$ 0.11	\$ 18,113.70
20	102 74 2	-	Type III Barricade	26,040	ED	\$ 0.21	\$ 5,468.40
21	102 74 7	-	Ped. LCD	3,121	LF	\$ 3.15	\$ 9,831.15
22	102 76	-	Advanced Warning Arrow Panel	870	ED	\$ 5.25	\$ 4,567.50
23	102 78	-	Temporary RPM	849	EA	\$ 3.68	\$ 3,124.32
24	102 89 1	-	Temp Crash Cushion	1	LO	\$ 2,200.00	\$ 2,200.00
25	102 911 1	-	Pav't Markings - Removable Tape - White 6"	522	LF	\$ 2.63	\$ 1,372.86
26	102 911 2	-	Pav't Markings - Removable Tape - White Skip 6"	110	LF	\$ 1.31	\$ 144.10
27	102 912 2	-	Pav't Markings - Removable Tape - Yellow 6"	1,761	LF	\$ 2.63	\$ 4,631.43
28	102 99	-	Portable Changeable Message Sign	1,440	ED	\$ 10.50	\$ 15,120.00
29	104 1	-	Artificial Coverings	2,946	SY	\$ 1.71	\$ 5,037.66
30	104 10 3	-	Sediment Barrier	8,478	LF	\$ 3.19	\$ 27,044.82
31	104 11	-	Floating Turbidity Barrier	842	LF	\$ 26.30	\$ 22,144.60
32	104 15	-	Soil Tracking Prevention Device	2	EA	\$ 4,111.88	\$ 8,223.76
33	104 18	-	Inlet Protection System	77	EA	\$ 68.25	\$ 5,255.25
34	107 1	-	Litter Removal	221.80	AC	\$ 36.31	\$ 8,053.56
35	107 2	-	Mowing	108.41	AC	\$ 73.97	\$ 8,019.09
36	108 1	-	Monitor Existing Structures	1	LS	\$ 11,000.00	\$ 11,000.00
37	108 2	-	Monitor Existing Structures - Vibration Monitoring	1	LS	\$ 54,000.00	\$ 54,000.00
38	110 1 1	-	Clearing and Grubbing	13.72	AC	\$ 11,000.00	\$ 150,920.00
39	110 2 2	-	Selective Clearing and Grubbing, Trees Remain	0.129	AC	\$ 318,860.00	\$ 41,132.94
40	110 4 10	-	Removal of Existing Concrete	20,177	SY	\$ 7.41	\$ 149,511.57
41	120 1	-	Regular Excavation	5,275	CY	\$ 15.00	\$ 79,125.00
42	120 4	-	Subsoil Excavation	28,006	CY	\$ 16.00	\$ 448,096.00
43	120 6	-	Embankment	100,487	CY	\$ 14.00	\$ 1,406,818.00
44	121 70 5	-	Flowable Fill	489	CY	\$ 137.00	\$ 66,993.00
45	160 4	-	Type B Stabilization	38,948	SY	\$ 4.12	\$ 160,465.76
46	285 704	-	Optional Base Group 4	6,104	SY	\$ 20.26	\$ 123,667.04
47	285 709	-	Optional Base Group 9 (Type B-12.5 Only)	16,079	SY	\$ 35.70	\$ 574,020.30
48	285 710	-	Optional Base Group 10	14,780	SY	\$ 22.97	\$ 339,496.60
49	327 70 6	-	Milling Exist. Asph. Pavt. 1 1/2" Avg. Depth	16,852	SY	\$ 2.09	\$ 35,220.68
50	334 1 12	-	Superpave Asphaltic Conc., Traffic B	502.5	TN	\$ 113.40	\$ 56,983.50
51	334 1 13	-	Superpave Asph. Conc., Traf. C. (Overbuild)	1,198.7	TN	\$ 109.20	\$ 130,898.04
52	334 1 13	-	Superpave Asph. Conc., Traf. C.	3,928.5	TN	\$ 98.70	\$ 387,742.95
53	337 7 83	-	Asph. Conc. FC, Traffic C, FC-12.5, PG76 22	3,762.1	TN	\$ 116.55	\$ 438,472.76
54	339 1	-	Misc. Asphalt Pavement	66.8	TN	\$ 153.83	\$ 10,275.84
55	400 0 11	-	Concrete Class NS, Gravity Wall	141	CY	\$ 797.00	\$ 112,377.00
56	425 1201	-	Curb Inlets, Type 9, P-Bot, <10'	1	EA	\$ 2,665.00	\$ 2,665.00
57	425 1481	-	Curb Inlets, Type 8, P-Bot, <10'	2	EA	\$ 3,010.00	\$ 6,020.00
58	425 1781	-	Median Barrier Inlets, Single, <10'	10	EA	\$ 8,320.00	\$ 83,200.00
59	425 1782	-	Median Barrier Inlets, Single, >10'	2	EA	\$ 15,485.00	\$ 30,970.00
60	425 1891	-	Barrier Wall Inlets <10'	4	EA	\$ 4,450.00	\$ 17,800.00
61	425 1892	-	Barrier Wall Inlets >10'	4	EA	\$ 10,000.00	\$ 40,000.00
62	425 1910	-	Curb Inlets, Flume	1	EA	\$ 2,450.00	\$ 2,450.00

Item No.	FDOT Pay Item	COJ / JEA Item	Description	Quantity	Unit	Unit Cost	Total Item Cost
63	425 4	-	Inlet Adjust	1	EA	\$ 775.00	\$ 775.00
64	425 5	-	Manhole Adjust	7	EA	\$ 850.00	\$ 5,950.00
65	425 6	-	Valve Boxes, Adjust (Valve & Meter Boxes)	31	EA	\$ 385.00	\$ 11,935.00
66	425 5 1	-	Manhole, Adjust, Utilities	27	EA	\$ 835.00	\$ 22,545.00
66A	430 175 115	-	Pipe Culvert, Optional Material, Round 15"	20	LF	\$ 170.00	\$ 3,400.00
67	430 175 118	-	Pipe Culvert, Optional Material, Round 18"	5,335	LF	\$ 71.50	\$ 381,452.50
68	430 175 124	-	Pipe Culvert, Optional Material, Round 24"	802	LF	\$ 104.00	\$ 83,408.00
69	430 175 130	-	Pipe Culvert, Optional Material, Round 30"	172	LF	\$ 196.00	\$ 33,712.00
70	430 175 142	-	Pipe Culvert, Optional Material, Round 42"	82	LF	\$ 198.00	\$ 16,236.00
71	430 175 148	-	Pipe Culvert, Optional Material, Round 48"	225	LF	\$ 233.00	\$ 52,425.00
72	430 175 215	-	Pipe Culvert, Optional Material, Elliptical 12" x 18"	12	LF	\$ 475.00	\$ 5,700.00
73	430 175 218	-	Pipe Culvert, Optional Material, Elliptical 14" x 23"	38	LF	\$ 132.00	\$ 5,016.00
74	430 611 133	-	U-Type Concrete Endwall, 30"	1	EA	\$ 2,575.00	\$ 2,575.00
75	430 963 01	-	PVC Pipe for Back of Sidewalk, 4"	110	LF	\$ 26.00	\$ 2,860.00
76	430 982125	-	Crossdrain Mitered End Section, 18"	1	EA	\$ 1,060.00	\$ 1,060.00
77	430 982133	-	Crossdrain Mitered End Section, 42"	1	EA	\$ 3,385.00	\$ 3,385.00
78	440 1 20	-	Underdrain, Type II (COJ Type 1)	3,984	LF	\$ 30.00	\$ 119,520.00
79	515 1 1	-	Steel Pipe Handrail	135	LF	\$ 120.44	\$ 16,259.40
80	515 22 11	-	Pedestrian/Bicycle Railing, Steel, 42" Type 1	220	LF	\$ 131.25	\$ 28,875.00
81	519 78	-	Bollards	28	EA	\$ 1,135.00	\$ 31,780.00
82	520 1 7	-	Concrete Curb & Gutter, Type E	2,258	LF	\$ 16.22	\$ 36,624.76
83	520 5 11	-	Traffic Separator, Concrete, Type 1, 4' Wide	213	LF	\$ 48.11	\$ 10,247.43
84	520 5 41	-	Traffic Separator Conc. - Type IV, 4' Wide	238	LF	\$ 46.47	\$ 11,059.86
85	520 70	-	Concrete Traffic Separator, Special Variable Width	230	SY	\$ 41.01	\$ 9,432.30
86	521 1 11	-	Median Barrier Wall - 38" Height	832	LF	\$ 193.63	\$ 161,100.16
87	521 1 14	-	Median Barrier - 44" Height Variable Section Width	261	LF	\$ 802.20	\$ 209,374.20
88	521 72 40	-	Shoulder Concrete Barrier	375	LF	\$ 288.75	\$ 108,281.25
89	521 72 60	-	Shoulder Barrier Wall - 38" Wall Shielding Barrier	450	LF	\$ 345.45	\$ 155,452.50
90	522 2	-	Concrete Sidewalk & Driveways - 6" Thick	12,502	SY	\$ 41.32	\$ 516,582.64
91	527 2	-	Detectable Warnings	901	SF	\$ 45.94	\$ 41,391.94
92	536 1 0	-	Guardrail TL-2	275	LF	\$ 131.25	\$ 36,093.75
93	536 85 20	-	Guardrail End Treatment - Trailing Anchorage	4	EA	\$ 1,100.00	\$ 4,400.00
94	550 10222	-	Fencing, Type B, 5.1' - 6.0', w/ Vinyl Coating	759	LF	\$ 32.76	\$ 24,864.84
95	550 60 236	-	Fence Gate, Type B, Sliding Cantilever, 30' Opening	1	EA	\$ 4,053.00	\$ 4,053.00
96	570 1 2	-	Performance Turf, Sod	29,457	SY	\$ 3.52	\$ 103,688.64
97	630 2 11	-	Utility Conduit, F&I, 9 6" Ducts	1,045	LF	\$ 6.30	\$ 6,583.50
98	630 2 16	-	Conduit, F&I, Embedded Conc. Barriers	9,117	LF	\$ 14.70	\$ 134,019.90
99	635 3 13	-	Junction Box, F&I, Embedded	38	EA	\$ 446.25	\$ 16,957.50
100	710 111 23	-	Pav't Markings - 12" White	2,559	LF	\$ 1.31	\$ 3,352.29
101	710 111 24	-	Pav't Markings - 18" White	1,772	LF	\$ 1.89	\$ 3,349.08
102	710 111 25	-	Pav't Markings - 24" White	4,091	LF	\$ 2.10	\$ 8,591.10
103	710 111 31	-	Pav't Markings - 6" White Skip	2.04	GM	\$ 446.25	\$ 910.35
104	710 111 60	-	Pav't Markings - White Message/Symbol	49	EA	\$ 57.75	\$ 2,829.75
105	710 111 70	-	Pav't Markings - White Arrows	151	EA	\$ 36.75	\$ 5,549.25
106	710 11101	-	Pav't Markings - 6" White	11.10	GM	\$ 892.50	\$ 9,906.75
107	710 112 01	-	Pav't Markings - 6" Yellow	7.21	GM	\$ 892.50	\$ 6,434.93
108	710 112 24	-	Pav't Markings - 18" Yellow	1,557	LF	\$ 1.89	\$ 2,942.73
109	710 112 31	-	Pav't Markings - 6" Yellow Skip	0.03	GM	\$ 472.67	\$ 14.18
110	-	COJ 102	Site Preparation	1.00	LS	\$ 392,500.00	\$ 392,500.00
111	-	COJ 131	Concrete Curb & Gutter, City Standard	10,578	LF	\$ 17.96	\$ 189,980.88
112	-	COJ 131	Valley Gutter - Concrete	1,292	LF	\$ 52.62	\$ 67,985.04
113	-	COJ 131	Header Curb - Concrete	547	LF	\$ 26.60	\$ 14,550.20
114	-	COJ 202	Curb Inlets <10'	55	EA	\$ 3,507.74	\$ 192,925.70
115	-	COJ 202	Curb Inlets >10'	1	EA	\$ 4,973.85	\$ 4,973.85
116	-	COJ 202	Curb Inlets, Round, <10'	13	EA	\$ 3,660.43	\$ 47,585.59
117	-	COJ 202	Curb Inlets, Type J, <10'	1	EA	\$ 5,491.52	\$ 5,491.52
118	-	COJ 202	Curb Inlets, Double, <10'	3	EA	\$ 6,284.77	\$ 18,854.31
119	-	COJ 202	Curb Inlets, Partial, <10'	1	EA	\$ 3,985.63	\$ 3,985.63
120	-	COJ 202	Manholes, Type J <10'	15	EA	\$ 4,661.72	\$ 69,925.80
121	-	COJ 202	Manholes, Type J >10'	1	EA	\$ 7,191.90	\$ 7,191.90
122	-	COJ 202	Manholes, Type J Partial, <10'	2	EA	\$ 1,809.11	\$ 3,618.22
123	-	COJ 202	Ditch Bottom Inlets, Type B <10'	1	EA	\$ 6,293.62	\$ 6,293.62
124	-	COJ 202	Ditch Bottom Inlets, Type E <10'	10	EA	\$ 2,423.95	\$ 24,239.50

Item No.	FDOT Pay Item	COJ / JEA Item	Description	Quantity	Unit	Unit Cost	Total Item Cost
125	-	COJ 202	Ditch Bottom Inlets, Type E Partial <10'	1	EA	\$ 4,378.71	\$ 4,378.71
126	-	-	Cast Iron Tree Grate & Frame	8	EA	\$ 3,290.00	\$ 26,320.00
STRUCTURES							
127	110 3	-	Removal of Existing Structures/Bridges (248,640 SF)	1	LS	\$ 1,562,225.00	\$ 1,562,225.00
128	400 0 11	-	Concrete Class N5, Gravity Wall	6.7	CY	\$ 2,310.00	\$ 15,477.00
129	400 2 10	-	Concrete Class II, Approach Slabs	150	CY	\$ 525.00	\$ 78,750.00
130	400 4 4	-	Concrete Class IV, Superstructure	398.8	CY	\$ 997.50	\$ 397,803.00
131	400 4 5	-	Concrete Class IV, Substructure	222.2	CY	\$ 997.50	\$ 221,644.50
132	400 4 8	-	Concrete Class IV, Bulkhead	110.9	CY	\$ 1,890.00	\$ 209,601.00
133	400 4 25	-	Concrete Class IV, Mass-Substructure	229.9	CY	\$ 892.50	\$ 205,185.75
134	400 9	-	Bridge Deck Grooving & Planing, 8.5" & >	1,336	SY	\$ 11.55	\$ 15,430.80
135	400 147	-	Composite Neoprene Pads	8.0	CF	\$ 3,307.50	\$ 26,460.00
136	415 1 4	-	Reinforcing Steel, Superstructure	84,726	LB	\$ 1.10	\$ 93,198.60
137	415 1 5	-	Reinforcing Steel, Substructure	74,209	LB	\$ 1.10	\$ 81,629.90
138	415 1 8	-	Reinforcing Steel, Bulkhead	9,568	LB	\$ 1.10	\$ 10,524.80
139	415 1 9	-	Reinforcing Steel, Approach Slabs	28,686	LB	\$ 1.10	\$ 31,554.60
140	450 1 1	-	Prestressed Beams: AASHTO Type II	429	LF	\$ 341.25	\$ 146,396.25
141	450 2 72	-	Prestressed Beams: Florida-I Beam 72"	804	LF	\$ 472.50	\$ 379,890.00
142	455 34 5	-	Prestressed Concrete Piling, 24" Sq. (Driven Plumb)	1,624	LF	\$ 168.00	\$ 272,832.00
143	455 35 4	-	Steel Piling, HP 12 X 53	624	LF	\$ 107.10	\$ 66,830.40
144	455 35 7	-	Steel Piling, HP 14 X 102	752	LF	\$ 126.00	\$ 94,752.00
145	455 35 14	-	Steel Piling, HP 16 X 162	329	LF	\$ 183.75	\$ 60,453.75
146	455 133 2	-	Sheet Piling Steel, Temporary - Critical	2,252	SF	\$ 39.90	\$ 89,854.80
147	455 133 3	-	Sheet Piling Steel, Furnish & Install Permanent	13,535	SF	\$ 29.40	\$ 397,929.00
148	455 143 5	-	Test Piles-Prestressed Concrete, 24" Sq.	265	LF	\$ 315.00	\$ 83,475.00
149	455-144-4	-	Test Piles - Steel, HP 12 x 53	60	LF	\$ 210.00	\$ 12,600.00
150	455-144-7	-	Test Piles - Steel, HP 14 x 102	116	LF	\$ 225.75	\$ 26,187.00
151	455-144-9	-	Test Piles - Steel, HP 16 x 162	56	LF	\$ 315.00	\$ 17,640.00
152	458 1 11	-	Bridge Deck Expansion Joint, New Const. F&I, Poured Joint w Backer Rod	253	LF	\$ 52.50	\$ 13,282.50
153	459 71	-	Polyethylene Sheeting on Concrete Piling	281	SY	\$ 7.35	\$ 2,065.35
154	460 2 2	-	Structural Steel, Low Alloy	26,073	LB	\$ 16.80	\$ 438,026.40
155	506 2	-	Bridge Drain Pipe	112	LF	\$ 157.50	\$ 17,640.00
156	506 3	-	Bridge Drains	2	EA	\$ 6,667.50	\$ 13,335.00
157	521 5 12	-	Concrete Traffic Railing, 36" Median Single Slope	262	LF	\$ 210.00	\$ 55,020.00
158	521 5 13	-	Concrete Traffic Railing, 36" Single Slope	355	LF	\$ 157.50	\$ 55,912.50
159	521 5 14	-	Concrete Traffic Railing, 42" Single Slope	169	LF	\$ 176.40	\$ 29,811.60
160	521 6 32	-	Concrete Parapet, Retaining Wall System Mounted	210	LF	\$ 495.09	\$ 103,968.90
161	521 8 7	-	Concrete Barrier, With Junction Slab, 36" Single Slope	901	LF	\$ 370.01	\$ 333,379.01
162	521 8 8	-	Concrete Barrier, With Junction Slab, 42" Single Slope	1,333	LF	\$ 480.36	\$ 640,319.88
163	548 12	-	Retaining Wall System, Permanent, Excluding Barrier	49,022	SF	\$ 51.37	\$ 2,518,260.14
164	561 1	-	Coating Existing Structural Steel (85.1 TN)	1	LS	\$ 293,851.77	\$ 293,851.77
SIGNING AND PAVEMENT MARKINGS							
165	700 1 11	-	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	47	AS	\$ 410.55	\$ 19,295.85
166	700 1 12	-	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	28	AS	\$ 1,527.75	\$ 42,777.00
167	700 1 13	-	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	4	AS	\$ 1,362.90	\$ 5,451.60
168	700 1 14	-	SINGLE POST SIGN, F&I GROUND MOUNT, 31+ SF	1	AS	\$ 2,028.60	\$ 2,028.60
169	700 1 21	-	SINGLE POST SIGN, F&I BARRIER MOUNT, UP TO 12 SF	1	AS	\$ 1,806.00	\$ 1,806.00
170	700 1 22	-	SINGLE POST SIGN, F&I BARRIER MOUNT, 12 20 SF	1	AS	\$ 2,050.65	\$ 2,050.65
171	700 1 31	-	SINGLE POST SIGN, F&I BRIDGE MOUNT, UP TO 12 SF	6	AS	\$ 1,993.95	\$ 11,963.70
172	700 1 32	-	SINGLE POST SIGN, F&I BRIDGE MOUNT, 12 20 SF	2	AS	\$ 2,195.55	\$ 4,391.10
173	700 1 33	-	SINGLE POST SIGN, F&I BRIDGE MOUNT, 21 30 SF	1	AS	\$ 2,634.45	\$ 2,634.45
174	700 1 50	-	SINGLE POST SIGN, RELOCATE	8	AS	\$ 228.90	\$ 1,831.20
175	700 1 60	-	SINGLE POST SIGN, REMOVE	32	AS	\$ 21.00	\$ 672.00
176	700 1 74	-	SINGLE POST SIGN, F&I CUSTOM, 31+ SF	1	AS	\$ 4,416.30	\$ 4,416.30
177	700 2 12	-	MULTI-POST SIGN, F&I GROUND MOUNT, 12 20 SF	2	AS	\$ 4,486.65	\$ 8,973.30
178	700 2 14	-	MULTI-POST SIGN, F&I GROUND MOUNT, 31 50 SF	1	AS	\$ 6,031.20	\$ 6,031.20
179	700 2 50	-	MULTI-POST SIGN, RELOCATE	2	AS	\$ 1,031.10	\$ 2,062.20
180	700 2 60	-	MULTI-POST SIGN, REMOVE	2	AS	\$ 157.50	\$ 315.00
181	700 3 205	-	SIGN PANEL, F&I OVERHEAD MOUNT, 51 100 SF	4	EA	\$ 4,425.75	\$ 17,703.00
182	700 3 206	-	SIGN PANEL, F&I OVERHEAD MOUNT, 101 200 SF	10	EA	\$ 7,400.40	\$ 74,004.00
183	700 3 207	-	SIGN PANEL, F&I OVERHEAD MOUNT, 201 300 SF	1	EA	\$ 6,054.30	\$ 6,054.30

Item No.	FDDT Pay Item	COJ / JEA Item	Description	Quantity	Unit	Unit Cost	Total Item Cost
184	700 3 502	-	SIGN PANEL, RELOCATE, 12 20 SF	1	EA	\$ 336.00	\$ 336.00
185	700 3 601	-	SIGN PANEL, REMOVE, UP TO 12 SF	30	EA	\$ 15.75	\$ 472.50
186	700 3 602	-	SIGN PANEL, REMOVE, 12 20 SF	1	EA	\$ 31.50	\$ 31.50
187	700 3 605	-	SIGN PANEL, REMOVE, 51 100 SF	2	EA	\$ 157.50	\$ 315.00
188	700 3 606	-	SIGN PANEL, REMOVE, 101 200 SF	9	EA	\$ 262.50	\$ 2,362.50
189	700 3 625	-	SIGN PANEL, REMOVE, 51 100 SF WITH LIGHTING	1	EA	\$ 367.50	\$ 367.50
190	700 3 626	-	SIGN PANEL, REMOVE, 101 200 SF WITH LIGHTING	1	EA	\$ 525.00	\$ 525.00
191	700 4 114	-	OVERHEAD STATIC SIGN STRUCTURE, F&I, CANTILEVER, 41 50 FT	2	EA	\$ 95,544.75	\$ 191,089.50
192	700 4 620	-	OVERHEAD STATIC SIGN STRUCTURE, REMOVE SPAN	1	EA	\$ 6,195.00	\$ 6,195.00
193	700 11 600	-	ELECTRONIC DISPLAY SIGN, REMOVE - GROUND MOUNT	4	AS	\$ 472.50	\$ 1,890.00
194	700 12 22	-	SIGN BEACON, F&I GROUND MOUNT - SOLAR POWERED, TWO BEACONS	2	AS	\$ 6,121.50	\$ 12,243.00
195	700 13 15	-	RETROREFLECTIVE SIGN STRIP - FURNISH AND INSTALL, 5'	8	EA	\$ 89.25	\$ 714.00
196	705 10 1	-	OBJECT MARKER, TYPE 1	5	EA	\$ 183.75	\$ 918.75
197	705 11 1	-	DELINEATOR, FLEXIBLE TUBULAR	9	EA	\$ 89.25	\$ 803.25
198	710 11 290	-	PAINTED PAVEMENT MARKINGS, STD, YELLOW, ISLAND NOSE	74	SF	\$ 5.25	\$ 388.50
199	710 90	-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	1	LS	\$ 23,625.00	\$ 23,625.00
200	711 11 103	-	THERMO, STD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	0.031	GM	\$ 15,750.00	\$ 488.25
201	711 11 123	-	THERMO, STD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	2,453	LF	\$ 2.10	\$ 5,151.30
202	711 11 124	-	THERMO, STD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	1,565	LF	\$ 2.89	\$ 4,522.85
203	711 11 125	-	THERMO, STD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	785	LF	\$ 3.41	\$ 2,676.85
204	711 11 141	-	THERMO, STD, WHITE, 2 4 DOTTED GUIDELINE/ 6 10 GAP EXTENSION, 6"	0.193	GM	\$ 1,890.00	\$ 364.77
205	711 11 160	-	THERMO, STD, WHITE, MESSAGE OR SYMBOL	36	EA	\$ 105.00	\$ 3,780.00
206	711 11 170	-	THERMO, STD, WHITE, ARROW	84	EA	\$ 63.00	\$ 5,292.00
207	711 11 224	-	THERMO, STD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	1,987	LF	\$ 2.89	\$ 5,742.43
208	711 11 241	-	THERMO, STD, YELLOW, 2 4 DOTTED GUIDELINE /6 10 DOTTED EXTENSION LINE, 6"	0.081	GM	\$ 1,890.00	\$ 153.09
209	711 14 125	-	THERMO, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	1655	LF	\$ 12.08	\$ 19,992.40
210	711 16 101	-	THERMO, STD-OTHER SURFACES, WHITE, SOLID, 6"	3.393	GM	\$ 3,990.00	\$ 13,538.07
211	711 16 102	-	THERMO, STD-OTHER SURFACES, WHITE, SOLID, 8"	0.279	GM	\$ 5,460.00	\$ 1,523.34
212	711 16 131	-	THERMO, STD-OTHER SURFACES, WHITE, SKIP, 6", 10 30 SKIP OR 3 9 LANE DROP	1.395	GM	\$ 1,890.00	\$ 2,636.55
213	711 16 133	-	THERMO, STD-OTHER SURFACES, WHITE, SKIP, 12" - APPROACH TO TOLL PLAZA OR 3 9 LANE DROP	0.037	GM	\$ 4,375.95	\$ 161.91
214	711 16 201	-	THERMO, STD-OTHER SURFACES, YELLOW, SOLID, 6"	2.219	GM	\$ 3,990.00	\$ 8,853.81
215	713 103 101	-	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	0.183	GM	\$ 26,250.00	\$ 4,803.75
216	713 103 131	-	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	0.117	GM	\$ 13,125.04	\$ 1,535.63
217	713 103 201	-	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	0.184	GM	\$ 26,250.00	\$ 4,830.00
218	713 103 331	-	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	0.117	GM	\$ 13,125.04	\$ 1,535.63
SIGNALIZATION							
219	630 2 11	-	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	961	LF	\$ 8.40	\$ 8,072.40
220	630 2 12	-	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	5,640	LF	\$ 31.50	\$ 177,660.00
221	632 7 1	-	SIGNAL CABLE - NEW OR RECON INTERSECTION, F&I	7	PI	\$ 4,200.00	\$ 29,400.00
222	632 7 6	-	SIGNAL CABLE, REMOVE-INTERSECTION	10	PI	\$ 525.00	\$ 5,250.00
223	633 1 121	-	FIBER OPTIC CABLE, F&I, UNDERGROUND, 2 12 FIBERS	67	LF	\$ 2.63	\$ 176.21
224	633 1 122	-	FIBER OPTIC CABLE, F&I, UNDERGROUND, 13 48 FIBERS	2,056	LF	\$ 2.63	\$ 5,407.28
225	633 1 123	-	FIBER OPTIC CABLE, F&I, UNDERGROUND, 49 96 FIBERS	5,665	LF	\$ 2.89	\$ 16,371.85
226	633 2 31	-	FIBER OPTIC CONNECTION, INSTALL, SPLICE	396	EA	\$ 42.00	\$ 16,632.00

Item No.	FDOT Pay Item	COJ / JEA Item	Description	Quantity	Unit	Unit Cost	Total Item Cost
227	633 2 32	-	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	432	EA	\$ 78.75	\$ 34,020.00
228	633 3 11	-	FIBER OPTIC CONNECTION HDWR, F&I, SPLICE ENCLOSURE	9	EA	\$ 840.00	\$ 7,560.00
229	633 3 12	-	FIBER OPTIC CONNECTION HDWR, F&I, SPLICE TRAY	33	EA	\$ 63.00	\$ 2,079.00
230	633 3 14	-	FIBER OPTIC CONN HDWR, F&I, BUFFER TUBE FAN OUT KIT	33	EA	\$ 78.75	\$ 2,598.75
231	633 3 16	-	FIBER OPTIC CONN HDWR, F&I, PATCH PANEL-FIELD TERM	18	EA	\$ 2,520.00	\$ 45,360.00
232	633 8 6	-	MULTI-CONDUCTOR COMMUNICATION CABLE, REMOVE	5,220	LF	\$ 0.26	\$ 1,357.20
233	635 2 11	-	PULL & SPLICE BOX, F&I, 13"x24" COVER SIZE	43	EA	\$ 351.75	\$ 15,125.25
234	635 2 12	-	PULL & SPLICE BOX, F&I, 24"x36" COVER SIZE	13	EA	\$ 997.50	\$ 12,967.50
235	635 2 30	-	PULL & SPLICE BOX, INSTALL	4	EA	\$ 262.50	\$ 1,050.00
236	639 1 123	-	ELECTRICAL POWER SERVICE, F&I, UG, METER NOT REQ	7	AS	\$ 3,150.00	\$ 22,050.00
237	639 1 620	-	ELECTRICAL POWER SERVICE, REMOVE UNDERGROUND	8	AS	\$ 157.50	\$ 1,260.00
238	639 2 1	-	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	1,869	LF	\$ 4.20	\$ 7,849.80
239	639 2 6	-	ELECTRICAL SERVICE WIRE, REMOVE	1,775	LF	\$ 0.32	\$ 568.00
240	641 2 12	-	PRESTRESSED CNC POLE, F&I, TYPE P-II SERVICE POLE	7	EA	\$ 1,050.00	\$ 7,350.00
241	646 1 11	-	ALUMINUM SIGNALS POLE, PEDESTAL	18	EA	\$ 1,995.00	\$ 35,910.00
242	646 1 60	-	ALUMINUM SIGNALS POLE, REMOVE	2	EA	\$ 210.00	\$ 420.00
243	649 21 3	-	STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 40'	2	EA	\$ 44,625.00	\$ 89,250.00
244	649 21 6	-	STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 50'	4	EA	\$ 49,875.00	\$ 199,500.00
245	649 21 10	-	STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 60'	2	EA	\$ 59,850.00	\$ 119,700.00
246	649 21 15	-	STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 70'	1	EA	\$ 67,725.00	\$ 67,725.00
247	649 21 17	-	STEEL MAST ARM ASSEMBLY, F&I, DOUBLE ARM 70'-40'	1	EA	\$ 72,450.00	\$ 72,450.00
248	649 21 24	-	STEEL MAST ARM ASSEMBLY, F&I, DOUBLE ARM 78'-50'	1	EA	\$ 85,050.00	\$ 85,050.00
249	649 21 27	-	STEEL MAST ARM ASSEMBLY, F&I, DOUBLE ARM 78'-78'	1	EA	\$ 92,400.00	\$ 92,400.00
250	649 26 5	-	STEEL MAST ARM ASS, REM, DEEP FDN-BOLT ON ATTACH	14	EA	\$ 12,075.00	\$ 169,050.00
251	650 1 11	-	VEH TRAFFIC SIGNAL, F&I ALUMINUM, SECTION, 1 WAY	2	AS	\$ 630.00	\$ 1,260.00
252	650 1 14	-	VEH TRAFFIC SIGNAL, F&I ALUMINUM, 3 SECTION, 1 WAY	39	AS	\$ 997.50	\$ 38,902.50
253	653 1 11	-	PEDESTRIAN SIGNAL, F&I LED COUNTDOWN, 1 WAY	18	AS	\$ 630.00	\$ 11,340.00
254	660 3 11	-	VEHICLE DETECTION SYSTEM-MICRO, F&I CABINET EQUIP	7	EA	\$ 4,200.00	\$ 29,400.00
255	660 3 12	-	VEHICLE DETECTION SYSTEM-MICRO, F&I ABO EQUIP	18	EA	\$ 7,035.00	\$ 126,630.00
256	660 6 121	-	VEHICLE DETECTION SYSTEM-AVI, BT, F&I, CABINET EQUIP	7	EA	\$ 4,725.00	\$ 33,075.00
257	660 6 122	-	VEHICLE DETECTION SYSTEM-AVI, BT, F&I, ABO EQUIP	7	EA	\$ 4,200.00	\$ 29,400.00
258	665 1 11	-	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	18	EA	\$ 210.00	\$ 3,780.00
259	670 5 110	-	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	7	AS	\$ 28,350.00	\$ 198,450.00
260	670 5 600	-	TRAF CNTL ASSEM, REMOVE CONTROLLER WITH CABINET	11	AS	\$ 367.50	\$ 4,042.50
261	682 1 133	-	ITS CCTV CAMERA, F&I, DOME ENCL - NP, IP, HIGH DEF	5	EA	\$ 8,925.00	\$ 44,625.00
262	684 1 1	-	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	7	EA	\$ 3,465.00	\$ 24,255.00
263	684 5 1	-	MEDIA CONVERTER, FURNISH & INSTALL	2	EA	\$ 1,155.00	\$ 2,310.00
264	685 1 11	-	UNINTERRUPTIBLE POWER SUPPLY, F&I, LINE INTERACTIVE	7	EA	\$ 5,250.00	\$ 36,750.00
265	700 3 201	-	SIGN PANEL, F&I OVERHEAD MOUNT, UP TO 12 SF	20	EA	\$ 630.00	\$ 12,600.00
266	700 5 22	-	INTERNAL ILLUM SIGN, F&I, OM, 12 18 SF, DOUBLE-SIDED	8	EA	\$ 3,150.00	\$ 25,200.00
267	700 11 391	-	ELE DIS SIGN, F&I OM- AC-P, BLANK OUT SIGN, UP TO 12 SF	1	AS	\$ 5,460.00	\$ 5,460.00
LIGHTING							
268	630 2 11	-	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	5,260	LF	\$ 7.88	\$ 41,448.80
269	630 2 12	-	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	4,461	LF	\$ 29.40	\$ 131,153.40
270	635 2 11	-	PULL & SPLICE BOX, F&I, 13"x24" COVER SIZE	6	EA	\$ 367.50	\$ 2,205.00
271	715 1 15	-	LIGHTING CONDUCTORS, F&I, NO.1/0 - 3/0 (0 to 000)	8,679	LF	\$ 2.63	\$ 22,825.77
272	715 1 60	-	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	4,806	LF	\$ 0.26	\$ 1,249.56

Item No.	FDOT Pay Item	COJ / JEA Item	Description	Quantity	Unit	Unit Cost	Total Item Cost
273	715 4 21	-	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE SPECIAL FOUNDATION, 30' MOUNTING HEIGHT	17	EA	\$ 7,665.00	\$ 130,305.00
274	715 4 70	-	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	34	EA	\$ 682.50	\$ 23,205.00
275	715 7 11	-	LOAD CENTER, F&I, SECONDARY VOLTAGE	4	EA	\$ 19,950.00	\$ 79,800.00
276	715 11 211	-	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD	4	EA	\$ 1,785.00	\$ 7,140.00
277	715 11 500	-	LUMINAIRE, REMOVE	12	EA	\$ 183.75	\$ 2,205.00
278	715 500 1	-	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	21	EA	\$ 472.50	\$ 9,922.50
279	-	JEA LDA01*14	ALUMINUM POLE W/SINGLE DECORATIVE ACORN 100W LED FIXTURE	1	EA	\$ 11,550.00	\$ 11,550.00
280	-	JEA LDDA01	LED DOUBLE DECORATIVE ACORN PEDESTRIAN LIGHT	90	EA	\$ 11,550.00	\$ 1,039,500.00
281	-	JEA L1601T	115 WATT, LED, 27' ALUMINUM POLE, SINGLE COBRA FIXTURE/WALL MOUNTED	2	EA	\$ 5,250.00	\$ 10,500.00
282	-	JEA L1601DT	115 WATT, LED, 27' ALUMINUM POLE, DOUBLE COBRA FIXTURE/WALL MOUNTED	4	EA	\$ 6,090.00	\$ 24,360.00
283	-	JEA LDA01*RETRO	LUMINAIRE RETRO-FIT KIT TO LED	13	EA	\$ 2,415.00	\$ 31,395.00
284	-	JEA ANCBASE6	LIGHT POLE ANCHOR BASE FOR JEA PLATE LDDA01 AND LDA01*14	91	EA	\$ 1,995.00	\$ 181,545.00
285	-	JEA ANCBASE2	LIGHT POLE ANCHOR BASE FOR 30' POLE JEA PLATES POLAL010 AND STLLE005	12	EA	\$ 2,205.00	\$ 26,460.00
286	-	JEA BOX SP 002	BOX, SPLICE, HEAVY DUTY CONCRETE, (HS-20-LOAD), INSIDE 16"WX24"LX24"D, COVER READS ELECTRIC	111	EA	\$ 1,050.00	\$ 116,550.00
287	-	JEA STLLE 005	LUMINAIRE, 144W LED, SHOEBOX, 120 VAC	12	EA	\$ 1,575.00	\$ 18,900.00
288	-	JEA POLAL010	POLE, ROUND ALUMINUM, 35' IN LENGTH, BASE SLOTTED FOR 4-1" ANCHOR BOLTS, FOR SHOEBOX LUMINAIRE	12	EA	\$ 3,675.00	\$ 44,100.00
289	-	JEA L201R	115W LED FIXTURE, WITHOUT BRACKET	8	EA	\$ 2,310.00	\$ 18,480.00
290	-	JEA COD EP 004	ELBOW, PVC, CONDUIT, 1", 90-DEGREE, 36" SWEEP-RADIUS, SCH 40	117	EA	\$ 12.60	\$ 1,474.20
291	-	JEA COD PC 020	CONDUIT, PVC, 1" W/COUPLING ATTACHED OR ONE BELLED END	515	LF	\$ 10.50	\$ 5,407.50

TOTAL PART A BID (ITEM NOS. 1-291)

\$ 25,456,249.15

Item No.	FDOT Pay Item	COJ / JEA Item	Description	Quantity	Unit	Unit Cost	Total Item Cost
POTABLE WATER							
292	-	801.XIII.1	6" PVC DR-18	81	LF	\$ 50.20	\$ 4,066.20
293	-	801.XIII.2	6"x12" Tee - DI MJ	1	EA	\$ 913.66	\$ 913.66
294	-	801.XIV.3	6" Gate Valve and Box - DI MJ	1	EA	\$ 1,108.47	\$ 1,108.47
295	-	801.XIII.1	8" PVC DR-18	53	LF	\$ 76.07	\$ 4,031.71
296	-	801.III.2.4	Cut and Remove 8" Pipe	8	LF	\$ 64.94	\$ 519.52
297	-	801.III.2.2	Cut Cap 8" Pipe	3	EA	\$ 413.01	\$ 1,239.03
298	-	801.XIV.7	8" Solid Sleeve Connection	2	EA	\$ 400.97	\$ 801.94
299	-	801.XIII.2	8" 45 Degree Bend - DI MJ	4	EA	\$ 430.10	\$ 1,720.40
300	-	801.XIV.3	8" Gate Valve and Box - DI MJ	2	EA	\$ 1,527.57	\$ 3,055.14
301	-	801.XIII.2	8"x12" Reducer - DI MJ	1	EA	\$ 542.12	\$ 542.12
302	-	801.XIII.2	8"x12" Tee - DI MJ	1	EA	\$ 953.75	\$ 953.75
303	-	801.XIII.1	12" PVC DR-18	704	LF	\$ 40.07	\$ 28,209.28
304	-	801.XIII.1	12" DIP CL350	142	LF	\$ 83.10	\$ 11,800.20
305	-	801.XIV.7	12" Solid Sleeve Connection - DI MJ	1	EA	\$ 570.67	\$ 570.67
306	-	801.XIII.2	12" 11 1/4 Degree Bend - DI MJ	1	EA	\$ 717.74	\$ 717.74
307	-	801.XIII.2	12" 45 Degree Bend - DI MJ	6	EA	\$ 746.68	\$ 4,480.08
308	-	801.XIII.2	12"x12" Tee - DI MJ	1	EA	\$ 1,148.66	\$ 1,148.66
309	-	801.XIV.3	12" Gate Valve and Box - DI MJ	3	EA	\$ 2,718.15	\$ 8,154.45
310	-	801.XIV.1	Fire Hydrant - DI MJ	2	EA	\$ 3,206.89	\$ 6,413.78
311	-	801.XIII.12	Temporary Sample Taps	3	EA	\$ 324.98	\$ 974.94
312	-	801.III.2.3	Grout Fill 8" Water Main	615	LF	\$ 4.74	\$ 2,915.10
313	-	801.III.3	Fire Hydrant Removal	2	LS	\$ 1,095.31	\$ 2,190.62
314	-	801.XIII.6	12" Pipe Joint Restraints	42	EA	\$ 498.33	\$ 20,929.86
315	-	801.XIII.6	6" Pipe Joint Restraints	4	EA	\$ 91.21	\$ 364.84
316	-	801.XIII.6	8" Pipe Joint Restraints	3	EA	\$ 124.60	\$ 373.80
317	-	801.XIII.1	16" PVC DR-18	41	LF	\$ 142.25	\$ 5,832.25
318	-	801.XIII.2	16" 45 Degree Bend - DI MJ	4	EA	\$ 1,354.71	\$ 5,418.84
319	-	801.III.2.4	Cut and Remove 16" PVC WM	18	LF	\$ 49.98	\$ 899.64
320	-	801.XIV.7	16" Solid Sleeve Connection - DI MJ	1	EA	\$ 1,080.68	\$ 1,080.68

TOTAL PART B BID (ITEM NOS. 292-320)

\$ 121,427.37

Item No.	FDOT Pay Item	COJ / JEA Item	Description	Quantity	Unit	Unit Cost	Total Item Cost
POTABLE WATER							
321	-	801.XIV.7	12" Solid Sleeve Connection - DI MJ	2	EA	\$ 570.69	\$ 1,141.38
322	-	801.XIII.2	12"X12" Tee - DI MJ	2	EA	\$ 1,148.61	\$ 2,297.22
323	-	801.XIV.3	12" Gate Valve and Box - DI MJ	3	EA	\$ 2,718.15	\$ 8,154.45
324	-	801.XIII.2	12"X16" Reducer - DI MJ	2	EA	\$ 990.85	\$ 1,981.70
325	-	801.XIII.1	16" DIP CL350	1,067	LF	\$ 90.88	\$ 96,968.96
326	-	801.XIII.1	16" PVC DR-18	903	LF	\$ 61.41	\$ 55,453.23
327	-	801.XIV.7	16" Solid Sleeve Connection - DI MJ	1	EA	\$ 1,080.68	\$ 1,080.68
328	-	801.XIII.2	16" 11 1/4 Degree Bend - DI MJ	4	EA	\$ 1,358.16	\$ 5,432.64
329	-	801.XIII.2	16" 22 1/2 Degree Bend - DI MJ	2	EA	\$ 1,287.34	\$ 2,574.68
330	-	801.XIII.2	16" 45 Degree Bend - DI MJ	22	EA	\$ 1,354.71	\$ 29,803.62
331	-	801.XIII.2	16" 90 Degree Bend - DI MJ	4	EA	\$ 1,491.46	\$ 5,965.84
332	-	801.XIII.2	16"X16" Tee - DI MJ	2	EA	\$ 2,135.73	\$ 4,271.46
333	-	801.XIV.3	16" Gate Valve and Box - DI MJ	3	EA	\$ 6,218.87	\$ 18,656.61
334	-	801.XIII.12	Temporary Sample Taps	5	EA	\$ 324.99	\$ 1,624.95
335	-	801.XIII.6	16" Pipe Joint Restraints	35	EA	\$ 751.88	\$ 26,315.80
336	-	801.IV.5	Specified Imported Roadway Embankment for Bedding/Backfill	560	CY	\$ 12.68	\$ 7,100.80

TOTAL PART C BID (ITEM NOS. 321-336)

\$ 268,824.02

B. BASIS OF AWARD

The project will be awarded to the lowest responsive, responsible Bidder, unless the CITY rejects all bids. The sum total of the PART A, PART B, and PART C bids will be used to determine the lowest bidder, contingent on the availability of funds within the project's approved budget. The CITY has the right to reject any or all bids, with cause.

C. REVISIONS OF BID PROPOSAL FORM

Request for revision of the Bid Proposal Form must be made to the ENGINEER at least three (3) days prior to date of opening of Bids. Revision of the Bid Proposal by the Bidder will void the Bid.

D. CONTRACT EXPIRATION DATE

The Contract expiration date shall be established as follows:

The notice to proceed date plus ten (10) calendar days for mobilization, plus the construction time established in the Proposal, plus time extensions pursuant to valid change orders (which shall establish the construction completion date), plus 120 days to assure a contract exists beyond the scheduled construction completion date in order to comply with Executive Order Number 13-05.

E. BID CHANGES

No changes in the amount of Bids appearing on the outside of Bids will be considered. Only the amounts shown on bidding documents inside the envelope will be considered. All changes, corrections and erasures must be initialed by the person signing the bid.

F. CONSTRUCTION COMPLETION

The CONTRACTOR shall begin work within ten (10) calendar days, including Sundays and holidays, after the date of written notice from the owner to begin work, and shall complete PART A, PART B, and PART C of the Base Bid work within 720 calendar days including Sundays and holidays, after the expiration of such ten (10) day notice. If the Bidder determines that "off-hours" work is anticipated to complete the project within such allotted times, a schedule therefore shall be attached to this proposal as required by Section 20.3.4 of the General Conditions.

G. BID SECURITY

A Certified Check on _____ (or) Cashier's Check on _____ (or) Bid Bond properly executed by the undersigned and by qualified surety in the sum of 5% of bid representing not less than five percent (5%) of the total amount of the PART A Base Bid, made payable to the Tax Collector, City of Jacksonville, Florida, which the undersigned Bidder hereby deposits as a guarantee of good faith and which it agrees to forfeit to the CITY of Jacksonville, not as a penalty, but as fixed and liquidated damages in the event it fails to enter into Contract, or fail to furnish the contract bond required in accordance with the Special Conditions within ten (10) days after receipt of the contract.

Additionally, a Certified Check on _____
(or) Cashier's Check on _____ (or) Bid
Bond properly executed by the undersigned and by qualified surety in
the sum of 5% of bid representing not less than five
percent (5%) of the total amount of the PART B Base Bid, made payable
to the Tax Collector, City of Jacksonville, Florida, which the
undersigned Bidder hereby deposits as a guarantee of good faith and
which it agrees to forfeit to the CITY of Jacksonville, not as a
penalty, but as fixed and liquidated damages in the event it fails to
enter into Contract, or fail to furnish the contract bond required in
accordance with the Special Conditions within ten (10) days after
receipt of the contract.

Additionally, a Certified Check on _____
(or) Cashier's Check on _____ (or) Bid
Bond properly executed by the undersigned and by qualified surety in
the sum of 5% of bid representing not less than five
percent (5%) of the total amount of the PART C Base Bid, made payable
to the Tax Collector, City of Jacksonville, Florida, which the
undersigned Bidder hereby deposits as a guarantee of good faith and
which it agrees to forfeit to the CITY of Jacksonville, not as a
penalty, but as fixed and liquidated damages in the event it fails to
enter into Contract, or fail to furnish the contract bond required in
accordance with the Special Conditions within ten (10) days after
receipt of the contract.

H. SUBMITTAL STATEMENT

The undersigned Bidder certifies that this proposal is made in good faith, without collusion or connection with any other entity bidding on this work.

The undersigned Bidder has examined and read (cover to cover) all Drawings, Specifications, General and Special Conditions, and other Contract Documents, and all Addenda thereto; and is acquainted with and fully understands the extent and character of the work covered by this Proposal and the specified requirements, for the proposed work.

The undersigned Bidder certifies that no officer or agent of the CITY will directly or indirectly benefit from this bid.

The undersigned Bidder states that this Proposal is made in conformity with the Contract Documents, and agrees that in case of any discrepancy or differences between its Proposal and the Contract Documents, the provisions of the latter shall prevail.

The undersigned Bidder certifies that it has carefully examined the foregoing Proposal after the same was completed and has verified every item placed thereon; and agrees to indemnify, defend and save harmless the CITY against any cost, damage or expense which may be incurred or caused by any error in the Bidder's preparation of same.

The undersigned Bidder states that all applicable taxes are included in the unit prices or Lump Sum Bid and acknowledges this project is not

exempt from the State or Local Sales or Use taxes, and payment of such taxes is the responsibility of the Bidder.

The undersigned Bidder certifies that it has reviewed the provisions of the Jacksonville Ethics Code contained in Chapter 602, Jacksonville Ordinance Code, and the provisions of the purchasing Code contained in Chapter 126, Jacksonville Ordinance Code.

The undersigned Bidder agrees to keep its bid in effect for 120 calendar days after the Bid Opening date to allow the CITY time to award the bid, should it be awarded, and time to prepare and execute the contract (or issue the purchase). This time period begins at the time bids are opened and ends upon the issuance of Notice to Proceed (NTP) by the CITY. The bid prices shall remain in effect throughout the life of the Contract. Failure of the CITY to issue NTP within the specified time period shall allow Bidder to withdraw its Bid and terminate its contract without penalty or forfeiture of Bid Bonds. Failure of the CITY to issue NTP within the specified time period shall not entitle Bidder to an adjustment of its Bid prices, unless mutually agreeable by the CITY.

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The undersigned Bidder certifies, under penalty of perjury and contract rescission, that it has all required licenses to perform the work required to fulfill the terms of the contract resulting from a successful bid. Furthermore, the undersigned Bidder affirms that all subcontractors requiring to be licensed are listed in Appendix "C" and are properly licensed to perform work on their respective portions of this project. The successful bidder will be required to sign an affidavit in accordance with the above provision prior to award of the project.

J. David Coxwell
PRESIDENT
V. Wayne Williford
SECRETARY
V. Wayne Williford
TREASURER

If Corporation, Affix
Corporate Seal

J.B. Coxwell Contracting, Inc.
NAME OF BIDDER
Harold L. Clark Vice President
SIGNATURE AND TITLE
904-786-1120
BUSINESS TELEPHONE
904-786-1120
EMERGENCY TELEPHONE
6741 Lloyd Road West
BUSINESS ADDRESS
Jacksonville
CITY
Florida, 32254
STATE AND ZIP CODE

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SECTION 10
CITY OF JACKSONVILLE, FLORIDA

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned,
J. B. Coxwell Contracting, Inc., 6741 Lloyd Road West, Jacksonville, FL 32254 as
Principal and Western Surety Company, 151 N. Franklin Street, Chicago, IL 60606 as
Surety, are hereby held and firmly bound unto the City of
Jacksonville, Florida, in the sum of Five percent of the amount of the bid
dollars (\$ 5% of the bid amount) as liquidated damages for payment of
which, well and truly to be made, we hereby jointly and severally
bind ourselves, our heirs, executors, administrators, successors
and assigns.

The Conditions of the above obligation are such that whereas
the Principal has submitted to the City of Jacksonville, Florida,
a certain Proposal attached hereto and hereby made part hereof, to
enter into a Contract Agreement in writing, for construction of
Urban Core Riverfront Revitalization and Complete Streets: Hart
Bridge Expressway & Talleyrand Connector - CF -0043-20.

NOW THEREFORE,

- (a) If said Proposal shall be rejected or withdrawn as provided in the Instructions to Bidders attached hereto or, in the alternative,
- (b) If said Proposal shall be accepted and the Principal shall sign and deliver a formal contract document in the form of the Contract Agreement attached hereto (properly completed in accordance with said Proposal) and shall furnish the specified Bonds required by Section 12 of the Contract Documents in the amount equal to one hundred percent (100%) of the base bid within ten (10) consecutive days after the receipt of said contract,

thence this obligation shall be void, otherwise, it shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder in no event shall exceed the amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by an extension of the time within which

such Proposal may be accepted, and said Surety does hereby waive notice of any such extension.

The sum herein stated shall be due and payable to the City of Jacksonville, Florida, and the "Surety" herein agrees to pay said sum immediately upon demand of said City of Jacksonville, Florida in good and lawful money of United States of America; as liquidated damages for failure thereof of said "Principal".

IN WITNESS WHEREOF, the said J. B. Coxwell Contracting, Inc., as "Principal" herein, has caused these presents to be signed in its name by its Vice President and attested by its Secretary/Treasurer under its corporate seal, and the said Western Surety Company as "Surety" herein, has caused these presents to be signed in its name by its Attorney-In-Fact and attested by its Witness under its corporate seal, this 15th day of January A.D., 2020.



J. B. Coxwell Contracting, Inc. (SEAL)

AS PRINCIPAL

ATTEST:

U Wand Whiting
Its Secretary/Treasurer

Western Surety Company

Its Attorney-In-Fact

By Francis T. O'Reardon
AS SURETY

Francis T. O'Reardon, Attorney-In-Fact and Florida Licensed Resident Agent

Signed, Sealed and Delivered in the presence of:

Laura Krajczewski Witness
Kanani Cordero Witness

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Deidre Ann Sullivan, Joseph D Johnson Jr, Francis T O'Reardon, Brett A Ragland, Joseph D Johnson III, Kanani Cordero, Individually

of Orlando, FL, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 9th day of November, 2015.



WESTERN SURETY COMPANY

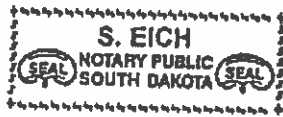
Paul T. Bruflat
Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 9th day of November, 2015, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

February 12, 2021



S. Eich
S. Eich, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 15th day of January, 2020.



WESTERN SURETY COMPANY

L. Nelson
L. Nelson, Assistant Secretary

APPENDIX A - QUANTITIES

It is understood that the quantities set forth in the Proposal Form are calculated estimates, and that payment will be made only upon the actual quantities of work complete in place, measured as defined in the Contract Documents. It is the Bidder's responsibility to verify the scope and quantity of work included in lump sum bid items. No Adjustment in a lump sum bid price will be allowed for errors in quantity tabulations unless there is a change in the defined scope of work after receipt of the bids.

It is anticipated that the quantities set forth in the Bid Proposal Form are reasonable and will not be exceeded. During the bid process, any Bidder finding a discrepancy larger than 10% of the estimated quantity shall bring the discrepancy to the attention of the ENGINEER. The quantity estimated will be checked and if found in error, an addendum will be published and distributed to all Bidders. Notwithstanding the foregoing, however, if during construction any quantity is exceeded, the overrun must be approved by the ENGINEER prior to proceeding with work to incorporate the item in the construction. No change order for this additional work will be required other than a final change order for the amount installed, except when any one pay item is exceeded by more than 20% of the quantity listed or when the total amount of all overruns exceeds \$50,000. If any one of said quantities is adjusted greater than twenty percent (20%), then the unit price is subject to negotiation.

It is expressly understood and agreed that the foregoing Total Bid(s) is/are the basis for establishing the amount of the Bid Security and is not to be construed to be a Lump Sum Proposal.

APPENDIX B - OFF-HOURS WORK

Off-hours work as provided in Section 20.3.4 of the General Conditions is () or is not (X) anticipated. (Attach schedule of off-hours work if anticipated.)

APPENDIX C - LIST OF ALL SUBCONTRACTORS AND SHOP FABRICATORS

For all bids, the Bidder expressly agrees that:

1. In accordance with section 2.16.1, hereof, as part of its bid submission in response to this solicitation, each bidder must complete the following Schedule of Licensed Subcontractors by providing the company name, license number, and phone number of the subcontractor(s) it intends to utilize to perform the scopes of work listed below that are applicable to the project in question (attach additional sheets if necessary).

SCHEDULE OF LICENSED SUBCONTRACTORS

Scope of Work	* Self-Perform / License No.	Subcontractor's Company Name	License No.	Phone No.
Underground Utility	CUC053986			904-786-1120
Electrical		American Lighting	ECA000279	904-886-4300
Plumbing	N/A			
Mechanical	N/A			
Sheet metal	N/A			
Roofing	N/A			

Structural Welding	N/A			
Carpentry	N/A			
Pool/Spa	N/A			
Irrigation Installation	N/A			
Non-structural Siding	N/A			
Water Treatment Equip.	N/A			
Natural Gas Specialty	N/A			
Non-electrical Signage		Safety Contractors	4167	904-355-6331

* To the extent applicable, bidders are required to indicate, as part of completing the above schedule, all scopes of work that they intend to self-perform and to provide their license numbers to evidence that they currently hold the required certifications, qualifications, or licensing necessary to self-perform the same (see § 489.131, Florida Statutes).

2. In accordance with section 2.16.2, hereof, bidder hereby furnishes the names, addresses and the scopes of work to be performed by the following listed subcontractors and/or shop fabricators, that are NOT required to be certified, qualified, or licensed in accordance with chapter 342, Jacksonville Ordinance Code and/or Chapter 489, Florida Statutes, for their respective scope(s) of work which shall: (i) list ALL subcontractors and shop fabricators for each of their respective scope(s) of work; and (ii) certify that each listed subcontractor and shop fabricator is financially responsible, properly licensed and insured, experienced and qualified to perform their respective scope(s) of work necessary to construct the project in question in a good and workmanlike manner. (Attach additional sheets if necessary)

SCHEDULE OF NON-LICENSED SUBCONTRACTORS & SHOP FABRICATORS

Scope of Work	Subcontractor's and/or Shop Fabricator		
	Company Name	Phone No.	Address
Bridge	Leware Construction	352-787-1616	925 Thomas Ave, 34748
Concrete Railing	Gosalia	813-443-0984	4607 N 46th St, 33610
MSE Wall	Bonn J	407-977-7666	2596 Curryville Rd, 32766
Asphalt	Duval Asphalt	904-296-2020	7544 Phillips Hwy, 32256
Striping	Emerald Coast	850-215-4875	1901 East Ave, 32405

3. In accordance with section 2.25.1, hereof, bidder hereby furnishes the following schedule of Major Items of Equipment to be furnished and installed. (Attach additional sheets if necessary)

SCHEDULE OF MAJOR ITEMS OF EQUIPMENT

Item	Manufacturer	Description
N/A		

APPENDIX D - ADDENDA ACKNOWLEDGMENT

Bidder acknowledges receipt of the following addendum:

Addendum No. 1	Date: <u>11/25/19</u>	Acknowledged By: <u>MJC</u>
Addendum No. 2	Date: <u>12/4/19</u>	Acknowledged By: <u>MJC</u>
Addendum No. 3	Date: <u>12/13/19</u>	Acknowledged By: <u>MJC</u>
Addendum No. 4	Date: <u>12/18/19</u>	Acknowledged By: <u>MJC</u>
No. 5	Date 12/20/19	Acknowledged by: <u>MJC</u>
No. 6	Date 1/8/2020	Acknowledged by: <u>MJC</u>
No. 7	Date 1/10/2020	Acknowledged by: <u>MJC</u>
No. 8	Date 1/13/2020	Acknowledged by: <u>MJC</u>
No. 9	Date 1/14/2020	Acknowledged by: <u>MJC</u>

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APPENDIX E - TRENCH SAFETY ACT ACKNOWLEDGMENT

If this project involves trench excavations which will exceed a depth of five (5) feet, pursuant to Chapter 90-96, Laws of Florida, the requirements of the Florida 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.

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

	Trench Safety Measure (Description)	Units of Measure (LF, SY)	Quantity	Unit Cost	Extended Cost
A.	Trench Box	LF	6,686	\$3.00	\$20,058.00
B.					
C.					
D.					
E.					
				TOTAL	\$20,058.00

Failure to complete the above may result in the bid being declared non-responsive.

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I hereby certify that no official or employee of the City of independent agency requiring the goods or services described in these specifications has a material financial interest in this company.

Garland F. Chick, Jr.
Signature

Garland F. Chick, Jr.
Name of Official (type or print)

J.B. Coxwell Contracting, Inc.
Company Name

6741 Lloyd Road West
Business Address

Jacksonville, FL 32254
City, State, Zip Code

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Appendix I

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LAP CERTIFICATION OF CURRENT CAPACITY

525-010-46
PROGRAM MANAGEMENT
12/02
Page 1 of 2

CONFIDENTIAL

For bids to be received on 1/15/2020
(Letting Date)

Fill in your FDOT Vendor Number
VF 593666875001
(Only applicable to FDOT pre-qualified contractors)

CERTIFICATE

I hereby certify that the amount of any proposal submitted by this bidder for the above letting does not exceed the amount of the Firm's CURRENT CAPACITY (maximum capacity rating less total uncompleted work).

The total uncompleted work as shown on
the "Status of Contracts on Hand" report (page 2) \$ 36,601,110.00

I further certify that the "Status of Contracts on Hand" report (page 2) was prepared as follows:

1. If the letting is before the 25th day of the month, the certificate and report reflect the uncompleted work as of the 15th day of the month, last preceding the month of the letting.
2. If the letting is after the 25th day of the month, the certificate and report reflects the uncompleted work in progress as of the 15th day of the month of the letting.
3. All new contracts (and subcontracts) awarded earlier than five days before the letting date are included in the report and charged against our total rating.

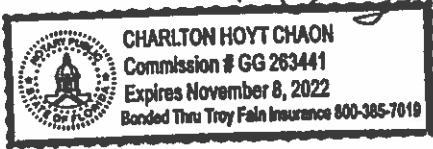
I certify that the information above is correct.

J.B. Coxwell Contracting, Inc.
NAME OF FIRM

Sworn to and subscribed this 15 day
of January, 20 20

By: Harold L. Wood
Vice President
Title

Charlton Hoyt Chaon



**FORM 4A- Acknowledgement/Commitment Form
Full and Fair Consideration of Ex-Offenders For
Awarded Contractor Direct Hiring**

The bidder agrees to cooperate with the City of Jacksonville in addressing the goal of increasing public safety, reducing recidivism and securing employment for ex-offenders by affixing its signature below and by submission of a bid response. The bidder need not actually employ an ex-offender at the time of submitting its bid, but agrees to comply with Section 4 if awarded the contract. **Failure to submit signed FORM 4A at the time of bid submission may be grounds for determining a bid submission as "non-responsive," resulting in rejection of non-responsive bid(s). The City reserves the right to reject any/all bids.**

Bidder, by signing below, agrees to fully comply with Section 4 of the Bid Specification and do the following during the contract award term:

- (1) Identify potential job opportunities under the project that may be available for Ex-Offenders after contract award;
- (2) Consider for job placement after contract award at least one otherwise qualified Ex-Offender, to the extent a job opportunity is available under the project and an otherwise qualified Ex-Offender has applied for such job;
- (3) Execute a notarized compliance tally report ("Compliance Report") at the time of submission of progress payment(s) on such Contractor's employment practices and experience during the project with respect to the hiring of Ex-Offenders that includes the following information:
(i) the number of Ex-Offenders hired and currently working, or an explanation as to why no Ex-Offenders have been hired; (ii) the number of Ex-Offenders interviewed for employment under the project; (iii) an explanation as to why any Ex-Offender who applied for employment was refused employment; (iv) whether the Contractor maintains an employment policy that Ex-Offenders will be given full and fair consideration in employment; (v) whether the Contractor indicates on recruitment literature that Ex-Offenders will be given full and fair consideration in employment by the Contractor; (vi) whether a job opening under the project was available during the reporting period; and (vii) a statement from the Contractor that the Contractor has contacted an Ex-Offender Program Provider no later than 30 days after the issuance of a notice to proceed under the project to obtain information regarding available Ex-Offenders for employment; and
- (4) Assist the City in addressing the goal of securing employment for Ex-Offenders by complying with the City's Procurement Rules Regarding Ex-Offenders, as may be amended.

After the award of contracts, failure of the awarded contractor to comply with this policy on providing full and fair consideration to ex-offenders for employment may result in the City exercising its remedies under Section 4.5.

J.B. Coxwell Contracting, Inc.

Name of Bidder

Urban Core Riverfront Revitalization and complete
streets: Hart Bridge Expressway and Talleyrand Connector
Bid: CF-0043-20

Project Name and Bid Number



Vice President

Authorized Signature and Title

Garland F. Chick, Jr.

Printed Name

1/15/2020

Date

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
INELIGIBILITY AND VOLUNTARY EXCLUSION-
LOWER TIER COVERED TRANSACTIONS FOR FEDERAL AID CONTRACTS**
(Compliance with 2 CFR Parts 180 and 1200)

375-030-32
PROCUREMENT
11/15

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Name of Consultant/Contractor: J.B. Coxwell Contracting, Inc.

By: *Harlowe L. Chatfield*

Date: 1/15/2020

Title: Vice President

Instructions for Certification

Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

**CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES
ON FEDERAL-AID CONTRACTS
(Compliance with 49CFR, Section 20.100 (b))**

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:


(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. (Standard Form-LLL can be obtained from the Florida Department of Transportation's Professional Services Administrator or Procurement Office.)

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

Name of Consultant:

By:  Date: 1/15/2020 Authorized Signature

Title: Vice President

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DISCLOSURE OF LOBBYING ACTIVITIES

375-030-34
 PROCUREMENT
 02/16

Is this form applicable to your firm?

YES NO

If no, then please complete section 4 below for "Prime"

1. Type of Federal Action: a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	2. Status of Federal Action: a. bid/offer/application b. initial award c. post-award	3. Report Type: a. initial filing b. material change For Material Change Only: Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)
4. Name and Address of Reporting Entity: <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known: J.B. Coxwell Contracting, Inc. 6741 Lloyd Road West Jacksonville, FL 32254 Congressional District, if known: 4c 4th		5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: _____ _____ Congressional District, if known: _____
6. Federal Department/Agency: _____ _____	7. Federal Program Name/Description: _____ _____ CFDA Number, if applicable: _____	
8. Federal Action Number, if known: _____	9. Award Amount, if known: \$ _____	
10. a. Name and Address of Lobbying Registrant (if individual, last name, first name, MI): _____ _____ _____	b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI): _____ _____ _____	
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature: <u>Garland F. Chick, Jr.</u> Print Name: <u>Garland F. Chick, Jr.</u> Title: <u>Vice President</u> Telephone No.: <u>904-786-1120</u> Date (mm/dd/yyyy): <u>01/15/2020</u>	
Federal Use Only:		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the fullname, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.

(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**NON-COLLUSION DECLARATION AND
COMPLIANCE WITH 49 CFR § 29**

575-060-13
RIGHT OF WAY
05/01
Page 1 of 3

ITEM/SEGMENT NO.: COJ Bid No.:CF-043-20
F.A.P. NO.: COJ Bid No.:CF-043-20, 443397-2-58-01
MANAGING DISTRICT: City of Jacksonville, FDOT Dist 2
PARCEL NO.: City Dev #: 6256.202
COUNTY OF: Duval
BID LETTING OF: City of Jacksonville, Florida

I, Garland F. Chick, Jr., hereby declare that I am
(NAME)
Vice President of J.B. Coxwell Contracting, Inc.
(TITLE) (FIRM)
of Jacksonville, Florida
(CITY AND STATE)

and that I am the person responsible within my firm for the final decision as to the price(s) and amount of this Bid on this State Project.

I further declare that:

1. The prices(s) and amount of this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition with any other contractor, bidder or potential bidder.
2. Neither the price(s) nor the amount of this bid have been disclosed to any other firm or person who is a bidder or potential bidder on this project, and will not be so disclosed prior to the bid opening.
3. No attempt has been made or will be made to solicit, cause or induce any other firm or person to refrain from bidding on this project, or to submit a bid higher than the bid of this firm, or any intentionally high or non-competitive bid or other form of complementary bid.
4. The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary bid.
5. My firm has not offered or entered into a subcontract or agreement regarding the purchase of materials or services from any firm or person, or offered, promised or paid cash or anything of value to any firm or person, whether in connection with this or any other project, in consideration for an agreement or promise by any firm or person to refrain from bidding or to submit a complementary bid on this project.
6. My firm has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any firm or person, and has not been promised or paid cash or anything of value by any firm or person, whether in connection with this or any other project, in consideration for my firm's submitting a complementary bid, or agreeing to do so, on this project.
7. I have made a diligent inquiry of all members, officers, employees, and agents of my firm with responsibilities relating to the preparation, approval or submission of my firm's bid on this project and have been advised by each of them that he or she has not participated in any communication, consultation, discussion, agreement, collusion, act or other conduct inconsistent with any of the statements and representations made in this Declaration.
8. As required by Section 337.165, Florida Statutes, the firm has fully informed the Department of Transportation in writing of all convictions of the firm, its affiliates (as defined in Section 337.165(l)(a), Florida Statutes), and all directors, officers, and employees of the firm and its affiliates for violation of state or federal antitrust laws with respect to a public contract or for violation of any state or federal law involving fraud, bribery, collusion, conspiracy or material misrepresentation with respect to a public contract. This includes disclosure of the names of current employees of the firm or affiliates who were convicted of contract crimes while in the employ of another company.

9. I certify that, except as noted below, neither my firm nor any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of Federal funds:

(a) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49 CFR §29.110(a), by any Federal department or agency;

(b) has within a three-year period preceding this certification been convicted of or had a civil judgment rendered against him or her for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, State or local government transaction or public contract; violation of Federal or State antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;

(c) is presently indicted for or otherwise criminally or civilly charged by a Federal, State or local governmental entity with commission of any of the offenses enumerated in paragraph 9(b) of this certification; and

(d) has within a three-year period preceding this certification had one or more Federal, State or local government public transactions terminated for cause or default.

10. I(We), certify that I(We), shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this contract by any Federal Agency unless authorized by the Department.

Where I am unable to declare or certify as to any of the statements contained in the above stated paragraphs numbered (1) through (10), I have provided an explanation in the "Exceptions" portion below or by attached separate sheet.

EXCEPTIONS:

(Any exception listed above will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted, indicate to whom it applies, initiating agency and dates of agency action. Providing false information may result in criminal prosecution and/or administrative sanctions.)

I declare under penalty of perjury that the foregoing is true and correct.

CONTRACTOR: (Seal)

BY: Garland F. Chick, Jr., Vice President
NAME AND TITLE PRINTED

WITNESS: [Signature]

BY: [Signature]
SIGNATURE

WITNESS: [Signature]

Executed on this 15th day of January, 2020

**FAILURE TO FULLY COMPLETE AND EXECUTE THIS DOCUMENT
MAY RESULT IN THE BID BEING DECLARED NONRESPONSIVE**

REQUIRED CONTRACT PROVISIONS

This certification applies to subcontractors, material suppliers, vendors and other lower tier participants.

- Appendix B of 49 CFR Part 29 -

Appendix B—Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transactions

Instructions for Certification

1. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to whom this proposal is submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this proposal that it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transactions

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.



ONE CITY. ONE JACKSONVILLE.

City of Jacksonville, Florida
Lenny Curry, Mayor

Procurement Division
www.coj.net

ADDENDUM NO. ONE (1)

BID NUMBER CF-0043-20

TITLE OF BID URBAN CORE RIVERFRONT REVITALIZATION AND COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR

OPENING TIME AND DATE 2:00 p.m., DECEMBER 27, 2019

THIS ADDENDUM IS ISSUED FOR THE INFORMATION OF BIDDERS ON THE ABOVE TITLED PROJECT AND WILL BE PART OF THE CONTRACT.


PURPOSE OF THIS ADDENDUM IS TO CORRECT BID OPEN DATE ON INVITATION TO BID:

The bid open date will be on December 27, 2019.

DATE November 25, 2019

BUYER Marilyn Laidler 

RECEIPT ACKNOWLEDGED BY RETURN OF SIGNED COPY WITH BID.


 Bidder's Signature
 Vice President
 Title
 J.B. Coxwell Contracting, Inc.
 Company
 1/15/2020
 Date



ONE CITY. ONE JACKSONVILLE.

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

ADDENDUM NO.	TWO (2)
BID NUMBER	CF-0043-20
TITLE OF BID	URBAN CORE RIVERFRONT REVITALIZATION AND COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR
OPENING TIME AND DATE	2:00 P.M.; December 27, 2019

THIS ADDENDUM IS ISSUED FOR THE INFORMATION OF SUBMITTERS ON THE ABOVE TITLED PROJECT AND WILL BE PART OF THE CONTRACT.

PURPOSE OF THIS ADDENDUM IS TO PROVIDE CLARIFICATIONS BASED ON COMMENTS RECEIVED:

If you have already purchased the bid documents for this project, the CAD files for this project are now available only on CD and may be picked up at the Ed Ball Building, 214 N. Hogan Street, Suite 105, or from the 3rd party site.

DATE: December 4, 2019

BUYER: MARILYN LAIDLER 

RECEIPT ACKNOWLEDGED BY RETURN OF SIGNED COPY WITH SUBMITTAL.

Harold I. Cho
Submitter's Signature

Vice President
Title

J.B. Coxwell Contracting, Inc.
Company

1/15/2020
Date



ONE CITY. ONE JACKSONVILLE.

City of Jacksonville, Florida
Lenny Curry, Mayor

Procurement Division
www.coj.net

ADDENDUM NO. THREE (3)

BID NUMBER CF-0043-20

TITLE OF BID URBAN CORE RIVERFRONT REVITALIZATION AND COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR

OPENING TIME AND DATE 2:00 p.m., JANUARY 15, 2020

THIS ADDENDUM IS ISSUED FOR THE INFORMATION OF BIDDERS ON THE ABOVE TITLED PROJECT AND WILL BE PART OF THE CONTRACT.

PURPOSE OF THIS ADDENDUM IS TO EXTEND BID OPEN DATE:


The bid open date has been changed from December 27, 2019 to Wednesday, January 15, 2020.

The deadline for all questions has been extended also until Friday, January 3, 2020.

DATE December 13, 2019

BUYER Marilyn Laidler 

RECEIPT ACKNOWLEDGED BY RETURN OF SIGNED COPY WITH BID.


Bidder's Signature
Vice President
Title
J.B. Coxwell Contracting, Inc.
Company
1/15/2020
Date



ONE CITY. ONE JACKSONVILLE.

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
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ADDENDUM NO.	FOUR (4)
BID NUMBER	CF-0043-20
TITLE OF BID	URBAN CORE RIVERFRONT REVITALIZATION AND COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR
OPENING TIME AND DATE	2:00 P.M.; January 15 th , 2020

THIS ADDENDUM IS ISSUED FOR THE INFORMATION OF SUBMITTERS ON THE ABOVE TITLED PROJECT AND WILL BE PART OF THE CONTRACT.

PURPOSE OF THIS ADDENDUM IS TO PROVIDE CLARIFICATIONS BASED ON COMMENTS RECEIVED:

Revised or added documents:

Please see the questions and responses to date (Attachment A)

Please see the FDEP Permit for the JEA Water Line work (Attachment B)

Please see the revised Structure Plan Sheets (Attachment C)

Please see the revised Roadway Plan Sheets (Attachment D)

Please see the revised Division 1 of the Specifications (Attachment E)

CLARIFICATION: Any reference in the specifications to FDOT Division I Specification Sub-Section 8-7.3.2 is to be replaced with City of Jacksonville Division III Specification Sub-Section 20.8.

DATE: December 18, 2019

BUYER: MARILYN LAIDLER 

RECEIPT ACKNOWLEDGED BY RETURN OF SIGNED COPY WITH SUBMITTAL.



Submitter's Signature

Vice President

Title

J.B. Coxwell Contracting, Inc.
Company

1/15/2020

Date



City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
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ONE CITY. ONE JACKSONVILLE.

ADDENDUM NO.	FIVE (5)
BID NUMBER	CF-0043-20
TITLE OF BID	URBAN CORE RIVERFRONT REVITALIZATION AND COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR
OPENING TIME AND DATE	2:00 P.M.; January 15th, 2020

THIS ADDENDUM IS ISSUED FOR THE INFORMATION OF SUBMITTERS ON THE ABOVE TITLED PROJECT AND WILL BE PART OF THE CONTRACT.


PURPOSE OF THIS ADDENDUM IS TO PROVIDE CLARIFICATIONS BASED ON COMMENTS RECEIVED:

Revised or added documents:
Please see the questions and responses to date (Attachment A)

DATE: December 20, 2019

BUYER: MARILYN LAIDLER 

RECEIPT ACKNOWLEDGED BY RETURN OF SIGNED COPY WITH SUBMITTAL.



Submitter's Signature

 Vice President

Title

 J.B. Coxwell Contracting, Inc.

Company

 1/15/2020

Date



ONE CITY. ONE JACKSONVILLE.

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
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ADDENDUM NO.	<u>SIX (6)</u>
BID NUMBER	<u>CF-0043-20</u>
TITLE OF BID	<u>URBAN CORE RIVERFRONT REVITALIZATION AND COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR</u>
OPENING TIME AND DATE	<u>2:00 P.M.; January 15th, 2020</u>

THIS ADDENDUM IS ISSUED FOR THE INFORMATION OF SUBMITTERS ON THE ABOVE TITLED PROJECT AND WILL BE PART OF THE CONTRACT.

PURPOSE OF THIS ADDENDUM IS TO PROVIDE CLARIFICATIONS BASED ON COMMENTS RECEIVED:

Revised or added documents:
Please see the questions and responses to date (Attachment A)

DATE: January 8, 2020

BUYER: MARILYN LAIDLER 

RECEIPT ACKNOWLEDGED BY RETURN OF SIGNED COPY WITH SUBMITTAL.



Submitter's Signature

Vice President
Title

J.B. Coxwell Contracting, Inc.
Company

1/15/2020
Date



City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
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ONE CITY. ONE JACKSONVILLE.

ADDENDUM NO.	SEVEN (7)
BID NUMBER	CF-0043-20
TITLE OF BID	URBAN CORE RIVERFRONT REVITALIZATION AND COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR
OPENING TIME AND DATE	2:00 P.M.; January 15 th , 2020

THIS ADDENDUM IS ISSUED FOR THE INFORMATION OF SUBMITTERS ON THE ABOVE TITLED PROJECT AND WILL BE PART OF THE CONTRACT.

PURPOSE OF THIS ADDENDUM IS TO PROVIDE CLARIFICATIONS BASED ON COMMENTS RECEIVED:

Please see the questions and responses for this addendum (Attachment A).

DATE: January 10, 2020

BUYER: MARILYN LAIDLER

RECEIPT ACKNOWLEDGED BY RETURN OF SIGNED COPY WITH SUBMITTAL.

Harlan J. Chold
Submitter's Signature

Vice President
Title

J.B. Coxwell Contracting, Inc.
Company

1/15/2020
Date



ONE CITY. ONE JACKSONVILLE.

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

ADDENDUM NO.	SEVEN (8)
BID NUMBER	CF-0043-20
TITLE OF BID	URBAN CORE RIVERFRONT REVITALIZATION AND COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR
OPENING TIME AND DATE	2:00 P.M.; January 15th, 2020

THIS ADDENDUM IS ISSUED FOR THE INFORMATION OF SUBMITTERS ON THE ABOVE TITLED PROJECT AND WILL BE PART OF THE CONTRACT.

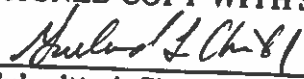
PURPOSE OF THIS ADDENDUM IS TO PROVIDE CLARIFICATIONS BASED ON COMMENTS RECEIVED:

Please see revised or added design criteria documents in the form of revised structures plan sheets, revised Section 3 of the specifications, and revised EXCEL Bid Schedule.

DATE: January 13, 2020

BUYER: MARILYN LAIDLER 

RECEIPT ACKNOWLEDGED BY RETURN OF SIGNED COPY WITH SUBMITTAL.


Submitter's Signature

Vice President
Title

J.B. Coxwell Contracting, Inc.
Company

1/15/2020
Date



ONE CITY. ONE JACKSONVILLE.

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
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ADDENDUM NO.	NINE (9)
BID NUMBER	CF-0043-20
TITLE OF BID	URBAN CORE RIVERFRONT REVITALIZATION AND COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR
OPENING TIME AND DATE	2:00 P.M.; January 15th, 2020

THIS ADDENDUM IS ISSUED FOR THE INFORMATION OF SUBMITTERS ON THE ABOVE TITLED PROJECT AND WILL BE PART OF THE CONTRACT.

PURPOSE OF THIS ADDENDUM IS TO PROVIDE CLARIFICATIONS BASED ON COMMENTS RECEIVED:

Question: Are asphalt curb pads to be included in the curb and gutter item(s) or OBG 9?

Response: Measurement and payment for asphalt curb pads should be included in the Pay Item for OBG-9. The quantities reflected in the bid form for OBG-9 include this area.

DATE: January 14, 2020

BUYER: MARILYN LAIDLER

RECEIPT ACKNOWLEDGED BY RETURN OF SIGNED COPY WITH SUBMITTAL.

Submitter's Signature

Vice President

Title

J.B. Coxwell Contracting, Inc.

Company

1/15/2020

Date

December 2, 2019

City of Jacksonville
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202

RE: **J. B. Coxwell Contracting, Inc.**
Jacksonville, Florida

To Whom It May Concern:

This is to advise that until further notice in writing to you, the undersigned agrees to provide Suretyship on behalf of J. B. Coxwell Contracting, Inc. covering \$250,000,000 single projects and \$1,045,000,000 aggregate on outstanding contracts. Western Surety Company is licensed to do business in the State of Florida, and has been in business since 1900. Western Surety Company has a current A. M. Best's rating of A: XIV.

We have enjoyed a twenty-five plus year relationship with J. B. Coxwell Contracting, Inc., and their performance of all work has always been excellent and we have never been called upon to complete or assist in the completion of any of their work.

If you should have any questions, or need any further information, please don't hesitate to contact our office.

Sincerely,

WESTERN SURETY COMPANY



Francis T. O'Reardon
Attorney-In-Fact

STATUS OF CONTRACTS ON-HAND

Give full information about all of your contracts, whether prime or subcontracts, whether in progress or awarded but not yet begun; and regardless of its location and with whom contracted.

1 CLASSES OF WORK	2 DOT PROJECTS AND LOCATION OF WORK YOU ARE PERFORMING	3 CONTRACT (OR SUBCONTRACT) AMOUNT	4 AMOUNT SUBLET TO OTHERS	5 BALANCE OF CONTRACT AMOUNT	6 UNCOMPLETED AMOUNT TO BE DONE BY APPLICANT	
					AS PRIME CONTRACTOR	AS SUBCONTRACTOR
Clear & Grub	1816 PGA Tour Global Home HQ	9,923,933.00	1,956,830.00	7,967,103.00	4,168,569.00	
Erosion Control	PGA Tour					
UG Utilities	13000 Sawgrass Village Circle					
Earthwork	Suite 16					
Sidewalk	Ponte Vedra Beach, FL 32082					
Curb & Gutter						
Design Build	1836 D/B Shiloh Mill	1,684,941.00	1,286,998.00	397,943.00	175,158.00	
Engineering	City of Jacksonville					
Sidewalk	117 W. Duval Street, Suite 375					
Curb & Gutter	Jacksonville, FL 32202					
Clear & Grub	1837 Cecil Megasite Entrance	5,557,814.00	1,633,275.00	3,924,539.00	971,996.00	
Earthwork	City of Jacksonville					
Dewater	117 W. Duval Street, Suite 375					
Sidewalk	Jacksonville, FL 32202					
Demolition						
UG Utilities						
Earthwork	1838 Mayo Roadway Ph1&3	2,163,131.00	285,204.00	1,877,927.00	1,120,504.00	
Sidewalk	Mayo Clinic					
UG Utilities	Mayo Clinic					
	4500 San Pablo Road					
	Jacksonville, FL 32224					
Excavation	1839 Ramona Blvd Widening	3,569,349.00	1,311,760.00	2,257,589.00	2,384,126.00	
Curb & Gutter	City of Jacksonville					
Sidewalk	117 W. Duval Street, Suite 375					
UG Utilities	Jacksonville, FL 32202					
Site Work	1901 COJ DB Norfolk Blvd	1,966,940.00	902,489.00	1,064,451.00	1,047,575.00	
earing & Grubbi	City of Jacksonville					
Curb & Gutter	117 W. Duval Street, Suite 375					
Sidewalk	Jacksonville, FL 32202					
Erosion Control						
Bridge Demo	1909 Lakewide Drive	2,185,126.00	761,019.00	1,424,107.00	1,236,684.00	

STATUS OF CONTRACTS ON-HAND

Give full information about all of your contracts, whether prime or subcontracts; whether in progress or awarded but not yet begun; and regardless of its location and with whom contracted.

1 CLASSES OF WORK	2 DOT PROJECTS AND LOCATION OF WORK YOU ARE PERFORMING	3 CONTRACT (OR SUBCONTRACT) AMOUNT	4 AMOUNT SUBLET TO OTHERS	5 BALANCE OF CONTRACT AMOUNT	6 UNCOMPLETED AMOUNT TO BE DONE BY APPLICANT	
					AS PRIME CONTRACTOR	AS SUBCONTRACTOR
Dewatering	City of Jacksonville					
Excavation	117 W. Duval Street, Suite 375					
Stabilization	Jacksonville, FL 32202					
Curb & Gutter						
Sidewalk						
UG Utilities						
UG Utilities	1911 Silverleaf Parcel 3	6,496,314.00	1,493,127.00	5,003,187.00	2,632,086.00	
Lift Station	Dream Finders Homes, LLC					
Stabilization	14701 Philips Highway					
Curb & Gutter	Jacksonville, FL 32256					
Earthwork						
UG Utilities	1912 Silverleaf Parcel 17	11,175,561.00	2,072,339.00	9,103,222.00	3,998,820.00	
Earthwork	Dream Finders Homes, LLC					
Dewatering	14701 Philips Highway					
Curb & Gutter	Jacksonville, FL 32256					
UG Utilities	1913 Silverleaf Parcel 18	3,675,256.00	1,351,276.00	2,323,980.00	1,085,096.00	
Earthwork	Dream Finders Homes, LLC					
Dewatering	14701 Philips Highway					
Curb & Gutter	Jacksonville, FL 32256					
		1,789,149.00	550,265.00			
Clear & Grubb	1918 Old Plan Road	2,275,498.00	742,078.00	1,533,420.00	315,952.00	
Earthwork	City of Jacksonville					
Seed & Mulch	117 W. Duval Street, Suite 375					
Striping	Jacksonville, FL 32202					
UG Utilities						
		1,336,100.00	118,632.00			
Erosion Cont	1921 NICU Baptis Entrance	2,843,182.00	1,870,433.00	972,749.00		220,951.00
Earthwork	DPR Construction					
Demolition	917 Childrens Way					
UG Utilities	Jacksonville, FL 32207					
Curb & Gutter						
Stabilization						
Striping & Sign						
		771,526.00	19,728.00			

STATUS OF CONTRACTS ON-HAND

Give full information about all of your contracts, whether prime or subcontracts, whether in progress or awarded but not yet begun; and regardless of its location and with whom contracted.

1 CLASSES OF WORK	2 DOT PROJECTS AND LOCATION OF WORK YOU ARE PERFORMING	3 CONTRACT (OR SUBCONTRACT) AMOUNT	4 AMOUNT SUBLET TO OTHERS	5 BALANCE OF CONTRACT AMOUNT	6 UNCOMPLETED AMOUNT TO BE DONE BY APPLICANT		7
					AS PRIME CONTRACTOR	AS SUBCONTRACTOR	
UG Utilities Demolition Curb & Gutter	1923 Walnut Street Gravity Sewer JEA PO Box 4910 Jacksonville, FL 32201	9,502,918.00	1,743,828.00	7,759,090.00	7,366,834.00		
		392,256.00					
Curb & Gutter Demolition UG Utilities	1927 Shircliff Way Watermain JEA PO Box 4910 Jacksonville, FL 32201	987,065.00	207,373.00	779,692.00	779,692.00		
Earthwork Erosion Control UG Utilities	1928 Forest St Pond City of Jacksonville 117 W. Duval Street, Suite 375 Jacksonville, FL 32202	828,359.00	160,772.00	667,587.00	340,161.00		
		333,664.00	6,238.00				
Earthwork Sidewalk Grassing	1930 San Pablo Turn Lane City of Jacksonville 117 W. Duval Street, Suite 375 Jacksonville, FL 32202	89,371.00	28,672.00	60,699.00	60,699.00		
Erosion Control Demolition Curb & Gutter UG Utilities Sidewalk	1932 J&J CUP Expansion CYMA Builders and Construction 725 Skippack Pike Suite 100 Blue Bell, PA 19422	856,250.00	90,211.00	766,039.00		777,636.00	
							11,597.00
Erosion Control Demolition Grassing	1933 Baptis Nassau Lift Station Baptist Health Properties 800 Prudential Drive	425,011.00	149,944.00	275,067.00	275,067.00		

STATUS OF CONTRACTS ON-HAND

Give full information about all of your contracts, whether prime or subcontracts; whether in progress or awarded but not yet begun, and regardless of its location and with whom contracted.

1	2	3	4	5	6	7
CLASSES OF WORK	DOT PROJECTS AND LOCATION OF WORK YOU ARE PERFORMING	CONTRACT (OR SUBCONTRACT) AMOUNT	AMOUNT SUBLET TO OTHERS	BALANCE OF CONTRACT AMOUNT	UNCOMPLETED AMOUNT TO BE DONE BY APPLICANT	
					AS PRIME CONTRACTOR	AS SUBCONTRACTOR
UT Utilities Lift Station	Jacksonville, FL					
			OTHER WORK	(Col. 5 Subtotal)	30,751,962.00	998,587.00
				Subtotals ALL WORK	35,602,523.00	998,587.00
				GRAND TOTAL	36,601,110.00	
					Total of Columns 6 and 7 Must Be Filled In and Must Agree with Related Attachment(s), if	

TITLE: URBAN CORE RIVERFRONT REVITALIZATION & COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR
BID NO.: CF-0043-20 (PW)
OPEN DATE: JANUARY 15, 2020 @ 2:00PM
BUYER: MARILYN LAIDLER
No. Invited: (6) No. Received (3) No Bids: (0)

JOHNSON BROS CORPORATION, A SOUTHLAND COMPANY

SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC

J.B. COXWELL CONTRACTING, INC.

ITEM	DESCRIPTION OF WORK	PAY ITEMS	EST.QTY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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PART A -ROADWAY

1	MOBILIZATION	FDOT PAY ITEM 101 1	1	LS	\$ 3,100,000.00	\$ 3,100,000.00	\$ 3,000,000.00	\$ 3,000,000.00	2302625	\$ 2,302,625.00
2	MAINTENANCE OF TRAFFIC	FDOT PAY ITEM 102 1	1	LS	\$ 750,000.00	\$ 750,000.00	\$ 300,000.00	\$ 300,000.00	\$ 200,700.00	\$ 200,700.00
3	TRAFFIC CONTROL OFFICER	FDOT PAY ITEM 102 14	2250	HR	\$ 55.00	\$ 123,750.00	\$ 69.00	\$ 155,250.00	\$ 68.25	\$ 153,562.50
4	TEMP. SIGNALIZATION AND MAINT. OF INTERSECTION	FDOT PAY ITEM 102 107 1	3300	ED	\$ 25.00	\$ 82,500.00	\$ 7.50	\$ 24,750.00	\$ 15.75	\$ 51,975.00
5	TEMP. TRAFFIC DETECTION	FDOT PAY ITEM 102 104	3300	ED	\$ 10.00	\$ 33,000.00	\$ 0.75	\$ 2,475.00	\$ 5.25	\$ 17,325.00
6	SPECIAL DETOUR 1	FDOT PAY ITEM 102 2 1	1	LS	\$ 300,000.00	\$ 300,000.00	\$ 940,000.00	\$ 940,000.00	\$ 145,000.00	\$ 145,000.00
7	SPECIAL DETOUR 2	FDOT PAY ITEM 102 2 2	1	LS	\$ 250,000.00	\$ 250,000.00	\$ 135,000.00	\$ 135,000.00	\$ 105,500.00	\$ 105,500.00
8	SPECIAL DETOUR 3	FDOT PAY ITEM 102 2 3	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 55,000.00	\$ 55,000.00	\$ 9,300.00	\$ 9,300.00
9	COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINT.	FDOT PAY ITEM 102 3	60	CY	\$ 500.00	\$ 30,000.00	\$ 75.00	\$ 4,500.00	\$ 53.00	\$ 3,180.00
10	PEDESTRIAN SPECIAL DETOUR 1	FDOT PAY ITEM 102 4 1	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 15,000.00	\$ 15,000.00	\$ 4,300.00	\$ 4,300.00
11	PEDESTRIAN SPECIAL DETOUR 2	FDOT PAY ITEM 102 4 2	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 4,500.00	\$ 4,500.00	\$ 1,600.00	\$ 1,600.00
12	PEDESTRIAN SPECIAL DETOUR 3	FDOT PAY ITEM 102 4 3	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 7,600.00	\$ 7,600.00	\$ 1,770.00	\$ 1,770.00
13	WORK ZONE SIGN	FDOT PAY ITEM 102 60	43891	ED	\$ 0.20	\$ 8,778.20	\$ 0.50	\$ 21,945.50	\$ 0.21	\$ 9,217.11
14	BUSINESS SIGN	FDOT PAY ITEM 102 61	28	ED	\$ 25.00	\$ 700.00	\$ 55.00	\$ 1,540.00	\$ 26.25	\$ 735.00
15	BARRIER MOUNTED WORK ZONE SIGN	FDOT PAY ITEM 102 62	5072	ED	\$ 0.20	\$ 1,014.40	\$ 1.00	\$ 5,072.00	\$ 0.21	\$ 1,065.12
16	TEMP. LOW PROFILE BARRIER	FDOT PAY ITEM 102 71 13	3764	LF	\$ 45.00	\$ 169,380.00	\$ 47.00	\$ 176,908.00	\$ 32.55	\$ 122,518.20
17	TEMP. BARRIER WALL	FDOT PAY ITEM 102 71 16	665	LF	\$ 30.00	\$ 19,950.00	\$ 27.00	\$ 17,955.00	\$ 16.80	\$ 11,172.00

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BID NO.	CF-0043-20 (PW)									
18	TEMP. LOW PROFILE BARRIER (RELOCATE)	FDOT PAY ITEM 102 71 23	4653	LF	\$ 7.50	\$ 34,897.50	\$ 8.00	\$ 37,224.00	\$ 9.45	\$ 43,970.85
19	CHANNELIZING DEVICE	FDOT PAY ITEM 102 74 1	164670	ED	\$ 0.10	\$ 16,467.00	\$ 0.15	\$ 24,700.50	\$ 0.11	\$ 18,113.70
20	TYPE III BARRICADE	FDOT PAY ITEM 102 74 2	26040	ED	\$ 0.20	\$ 5,208.00	\$ 1.00	\$ 26,040.00	\$ 0.21	\$ 5,468.40
21	PED. LCD	FDOT PAY ITEM 102 74 7	3121	LF	\$ 3.00	\$ 9,363.00	\$ 5.00	\$ 15,605.00	\$ 3.15	\$ 9,831.15
22	ADVANCED WARNING ARROW PANEL	FDOT PAY ITEM 102 76	870	ED	\$ 5.00	\$ 4,350.00	\$ 8.00	\$ 6,960.00	\$ 5.25	\$ 4,567.50
23	TEMPORARY RPM	FDOT PAY ITEM 102 78	849	EA	\$ 3.00	\$ 2,547.00	\$ 5.00	\$ 4,245.00	\$ 3.68	\$ 3,124.32
24	TEMP CRASH CUSHION	FDOT PAY ITEM 102 89 1	1	LO	\$ 800.00	\$ 800.00	\$ 900.00	\$ 900.00	\$ 2,200.00	\$ 2,200.00
25	PAVT MARKINGS- REMOVABLE TAPE- WHITE 6"	FDOT PAY ITEM 102 911 1	522	LF	\$ 2.00	\$ 1,044.00	\$ 3.00	\$ 1,566.00	\$ 2.63	\$ 1,372.86
26	PAVT MARKINGS- REMOVABLE TAPE- WHITE SKIP 6"	FDOT PAY ITEM 102 911 2	110	LF	\$ 2.00	\$ 220.00	\$ 3.00	\$ 330.00	\$ 1.31	\$ 144.10
27	PAVT MARKINGS- REMOVABLE TAPE- YELLOW 6"	FDOT PAY ITEM 102 912 2	1761	LF	\$ 2.00	\$ 3,522.00	\$ 3.00	\$ 5,283.00	\$ 2.63	\$ 4,631.43
28	PORTABLE CHANGEABLE MESSAGE SIGN	FDOT PAY ITEM 102 99	1440	ED	\$ 10.00	\$ 14,400.00	\$ 50.00	\$ 72,000.00	\$ 10.50	\$ 15,120.00
29	ARTIFICIAL COVERINGS	FDOT PAY ITEM 104 1	2946	SY	\$ 5.00	\$ 14,730.00	\$ 8.00	\$ 23,568.00	\$ 1.71	\$ 5,037.66
30	SEDIMENT BARRIER	FDOT PAY ITEM 104 10 3	8478	LF	\$ 1.50	\$ 12,717.00	\$ 5.00	\$ 42,390.00	\$ 3.19	\$ 27,044.82
31	FLOATING TURBIDITY BARRIER	FDOT PAY ITEM 104 11	842	LF	\$ 18.00	\$ 15,156.00	\$ 25.00	\$ 21,050.00	\$ 26.30	\$ 22,144.60
32	SOIL TRACKING PREVENTION DEVICE	FDOT PAY ITEM 104 15	2	EA	\$ 3,700.00	\$ 7,400.00	\$ 6,000.00	\$ 12,000.00	\$ 4,111.88	\$ 8,223.76
33	INLET PROTECTION SYSTEM	FDOT PAY ITEM 104 18	77	EA	\$ 180.00	\$ 13,860.00	\$ 115.00	\$ 8,855.00	\$ 68.25	\$ 5,255.25
34	LITTER REMOVAL	FDOT PAY ITEM 107 1	221.80	AC	\$ 14.00	\$ 3,105.20	\$ 30.00	\$ 6,654.00	\$ 36.31	\$ 8,053.56
35	MOWING	FDOT PAY ITEM 107 2	108.41	AC	\$ 35.00	\$ 3,794.35	\$ 30.00	\$ 3,252.30	\$ 73.97	\$ 8,019.09
36	MONITOR EXISTING STRUCTURES	FDOT PAY ITEM 108 1	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 13,450.00	\$ 13,450.00	\$ 11,000.00	\$ 11,000.00
37	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING	FDOT PAY ITEM 108 2	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 39,700.00	\$ 39,700.00	\$ 54,000.00	\$ 54,000.00
38	CLEARING AND GRUBBING	FDOT PAY ITEM 110 1 1	13.72	AC	\$ 15,000.00	\$ 205,800.00	\$ 59,590.00	\$ 817,574.80	\$ 11,000.00	\$ 150,920.00
39	SELECTIVE CLEARING AND GRUBBING, TREES REMAIN	FDOT PAY ITEM 110 2 2	0.129	AC	\$ 14,000.00	\$ 1,806.00	\$ 43,000.00	\$ 5,547.00	\$ 318,860.00	\$ 41,132.94
40	REMOVAL OF EXISTING CONCRETE	FDOT PAY ITEM 110 4 10	20177	SY	\$ 22.00	\$ 443,894.00	\$ 0.50	\$ 10,088.50	\$ 7.41	\$ 149,511.57

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41	REGULAR EXCAVATION	FDOT PAY ITEM 120 1	5275	CY	\$ 12.00	\$ 63,300.00	\$ 10.00	\$ 52,750.00	\$ 15.00	\$ 79,125.00
42	SUBSOIL EXCAVATION	FDOT PAY ITEM 120 4	28006	CY	\$ 25.00	\$ 700,150.00	\$ 30.00	\$ 840,180.00	\$ 16.00	\$ 448,096.00
43	EMBANKMENT	FDOT PAY ITEM 120 6	100487	CY	\$ 26.00	\$ 2,612,662.00	\$ 19.00	\$ 1,909,253.00	\$ 14.00	\$ 1,406,818.00
44	FLOWABLE FILL	FDOT PAY ITEM 121 70 5	489	CY	\$ 190.00	\$ 92,910.00	\$ 200.00	\$ 97,800.00	\$ 137.00	\$ 66,993.00
45	TYPE B STABILIZATION	FDOT PAY ITEM 160 4	38948	SY	\$ 12.00	\$ 467,376.00	\$ 6.50	\$ 253,162.00	\$ 4.12	\$ 160,465.76
46	OPTIONAL BASE GROUP 4	FDOT PAY ITEM 285 704	6104	SY	\$ 12.00	\$ 73,248.00	\$ 15.00	\$ 91,560.00	\$ 20.26	\$ 123,667.04
47	OPTIONAL BASE GROUP 9 (TYPE B-12.5 ONLY)	FDOT PAY ITEM 285 709	16079	SY	\$ 55.00	\$ 884,345.00	\$ 36.00	\$ 578,844.00	\$ 35.70	\$ 574,020.30
48	OPTIONAL BASE GROUP 10	FDOT PAY ITEM 285 710	14780	SY	\$ 30.00	\$ 443,400.00	\$ 18.00	\$ 266,040.00	\$ 22.97	\$ 339,496.60
49	MILLING EXIST. ASPH. PAVT. 1 1/2" AVG/DEPTH	FDOT PAY ITEM 327 70 6	16852	SY	\$ 3.00	\$ 50,556.00	\$ 2.00	\$ 33,704.00	\$ 2.09	\$ 35,220.68
50	SUPERPAVE ASPHALTIC CONC. TRAFFIC B	FDOT PAY ITEM 334 1 12	502.5	TN	\$ 140.00	\$ 70,350.00	\$ 110.00	\$ 55,275.00	\$ 113.40	\$ 56,983.50
51	SUPERPAVE ASPHALTIC CONC. TRAFFIC C (OVERBUILD)	FDOT PAY ITEM 334 1 13	1198.7	TN	\$ 140.00	\$ 167,818.00	\$ 115.00	\$ 137,850.50	\$ 109.20	\$ 130,898.04
52	SUPERPAVE ASPH. CONC. TRAF. C	FDOT PAY ITEM 334 1 13	3928.5	TN	\$ 140.00	\$ 549,990.00	\$ 96.00	\$ 377,136.00	\$ 98.70	\$ 387,742.95
53	ASPH. CONC. FC, TRAFFIC C, FC-12.5, PG76 22	FDOT PAY ITEM 337 7 83	3762.1	TN	\$ 150.00	\$ 564,315.00	\$ 114.00	\$ 428,879.40	\$ 116.55	\$ 438,472.76
54	MISC. ASPHALT PAVEMENT	FDOT PAY ITEM 339 1	66.8	TN	\$ 200.00	\$ 13,360.00	\$ 250.00	\$ 16,700.00	\$ 153.83	\$ 10,275.84
55	CONCRETE CLASS NS, GRAVITY WALL	FDOT PAY ITEM 400 011	141	CY	\$ 650.00	\$ 91,650.00	\$ 900.00	\$ 126,900.00	\$ 797.00	\$ 112,377.00
56	CURB INLETS, TYPE 9, P-BOT, <10'	FDOT PAY ITEM 425 1201	1	EA	\$ 4,600.00	\$ 4,600.00	\$ 13,950.00	\$ 13,950.00	\$ 2,665.00	\$ 2,665.00
57	CURB INLETS, TYPE 8, P-BOT, <10'	FDOT PAY ITEM 425 1481	2	EA	\$ 4,600.00	\$ 9,200.00	\$ 9,200.00	\$ 18,400.00	\$ 3,010.00	\$ 6,020.00
58	MEDIAN BARRIER INLETS, SINGLE, <10'	FDOT PAY ITEM 425 1781	10	EA	\$ 4,600.00	\$ 46,000.00	\$ 4,825.00	\$ 48,250.00	\$ 8,320.00	\$ 83,200.00
59	MEDIAN BARRIER INLETS, SINGLE, >10'	FDOT PAY ITEM 425 1782	2	EA	\$ 8,500.00	\$ 17,000.00	\$ 13,700.00	\$ 27,400.00	\$ 15,485.00	\$ 30,970.00
60	BARRIER WALL INLETS <10'	FDOT PAY ITEM 425 1891	4	EA	\$ 4,600.00	\$ 18,400.00	\$ 5,950.00	\$ 23,800.00	\$ 4,450.00	\$ 17,800.00
61	BARRIER WALL INLETS >10'	FDOT PAY ITEM 425 1892	4	EA	\$ 7,500.00	\$ 30,000.00	\$ 12,450.00	\$ 49,800.00	\$ 10,000.00	\$ 40,000.00
62	CURB INLETS, FLUME	FDOT PAY ITEM 425 1910	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 5,250.00	\$ 5,250.00	\$ 2,450.00	\$ 2,450.00
63	INLET ADJUST	FDOT PAY ITEM 425 4	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 3,750.00	\$ 3,750.00	\$ 775.00	\$ 775.00

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64	MANHOLE ADJUST	FDOT PAY ITEM 425 5	7	EA	\$ 1,200.00	\$ 8,400.00	\$ 1,800.00	\$ 12,600.00	\$ 850.00	\$ 5,950.00
65	VALVE BOXES, ADJUST (VALVE & METER BOXES)	FDOT PAY ITEM 425 6	31	EA	\$ 1,200.00	\$ 37,200.00	\$ 1,500.00	\$ 46,500.00	\$ 385.00	\$ 11,935.00
66	MANHOLE, ADJUST, UTILITIES	FDOT PAY ITEM 425 5 1	27	EA	\$ 750.00	\$ 20,250.00	\$ 2,800.00	\$ 75,600.00	\$ 835.00	\$ 22,545.00
66A	PIPE CULVERT, OPTIONAL MATERIAL, ROUND 15"	FDOT PAY ITEM 430 175 115	20	LF	\$ 125.00	\$ 2,500.00	\$ 630.00	\$ 12,600.00	\$ 170.00	\$ 3,400.00
67	PIPE CULVERT, OPTIONAL MATERIAL, ROUND 18"	FDOT PAY ITEM 430 175 118	5335	LF	\$ 65.00	\$ 346,775.00	\$ 119.00	\$ 634,865.00	\$ 71.50	\$ 381,452.50
68	PIPE CULVERT, OPTIONAL MATERIAL, ROUND 24"	FDOT PAY ITEM 430 175 124	802	LF	\$ 75.00	\$ 60,150.00	\$ 142.00	\$ 113,884.00	\$ 104.00	\$ 83,408.00
69	PIPE CULVERT, OPTIONAL MATERIAL, ROUND 30"	FDOT PAY ITEM 430 175 130	172	LF	\$ 105.00	\$ 18,060.00	\$ 239.00	\$ 41,108.00	\$ 196.00	\$ 33,712.00
70	PIPE CULVERT, OPTIONAL MATERIAL, ROUND 42"	FDOT PAY ITEM 430 175 142	82	LF	\$ 160.00	\$ 13,120.00	\$ 240.00	\$ 19,680.00	\$ 198.00	\$ 16,236.00
71	PIPE CULVERT, OPTIONAL MATERIAL, ROUND 48"	FDOT PAY ITEM 430 175 148	225	LF	\$ 225.00	\$ 50,625.00	\$ 226.00	\$ 50,850.00	\$ 233.00	\$ 52,425.00
72	PIPE CULVERT, OPTIONAL MATERIAL, ELLIPTICAL 12" X 18"	FDOT PAY ITEM 430 175 215	12	LF	\$ 140.00	\$ 1,680.00	\$ 550.00	\$ 6,600.00	\$ 475.00	\$ 5,700.00
73	PIPE CULVERT, OPTIONAL MATERIAL, ELLIPTICAL 14" X 23"	FDOT PAY ITEM 430 175 218	38	LF	\$ 150.00	\$ 5,700.00	\$ 129.00	\$ 4,902.00	\$ 132.00	\$ 5,016.00
74	U-TYPE CONCRETE ENDWALL, 30"	FDOT PAY ITEM 430 611 133	1	EA	\$ 4,500.00	\$ 4,500.00	\$ 8,200.00	\$ 8,200.00	\$ 2,575.00	\$ 2,575.00
75	PVC PIPE FOR BACK OF SIDEWALK, 4"	FDOT PAY ITEM 430 963 01	110	LF	\$ 35.00	\$ 3,850.00	\$ 45.00	\$ 4,950.00	\$ 26.00	\$ 2,860.00
76	CROSSDRAIN MITERED END SECTION, 18"	FDOT PAY ITEM 430 982125	1	EA	\$ 1,700.00	\$ 1,700.00	\$ 7,500.00	\$ 7,500.00	\$ 1,060.00	\$ 1,060.00
77	CROSSDRAIN MITERED END SECTION, 42"	FDOT PAY ITEM 430 982133	1	EA	\$ 2,600.00	\$ 2,600.00	\$ 10,450.00	\$ 10,450.00	\$ 3,385.00	\$ 3,385.00
78	UNDERDRAIN, TYPE II (COJ TYPE 1)	FDOT PAY ITEM 440 1 20	3984	LF	\$ 35.00	\$ 139,440.00	\$ 59.00	\$ 235,056.00	\$ 30.00	\$ 119,520.00
79	STEEL PIPE HANDRAIL	FDOT PAY ITEM 515 1 1	135	LF	\$ 100.00	\$ 13,500.00	\$ 63.00	\$ 8,505.00	\$ 120.44	\$ 16,259.40
80	PEDESTRIAN/BICYCLE RAILING, STEEL, 42" TYPE 1	FDOT PAY ITEM 515 22 11	220	LF	\$ 100.00	\$ 22,000.00	\$ 65.00	\$ 14,300.00	\$ 131.25	\$ 28,875.00
81	BOLLARDS	FDOT PAY ITEM 519 78	28	EA	\$ 350.00	\$ 9,800.00	\$ 1,900.00	\$ 53,200.00	\$ 1,135.00	\$ 31,780.00
82	CONCRETE CURB & GUTTER, TYPE E	FDOT PAY ITEM 520 1 7	2258	LF	\$ 25.00	\$ 56,450.00	\$ 30.00	\$ 67,740.00	\$ 16.22	\$ 36,624.76
83	TRAFFIC SEPARATOR, CONCRETE, TYPE 1, 4' WIDE	FDOT PAY ITEM 520 5 11	213	LF	\$ 40.00	\$ 8,520.00	\$ 78.00	\$ 16,614.00	\$ 48.11	\$ 10,247.43
84	TRAFFIC SEPARATOR, CONC.- TYPE IV, 4' WIDE	FDOT PAY ITEM 520 5 41	238	LF	\$ 40.00	\$ 9,520.00	\$ 88.00	\$ 20,944.00	\$ 46.47	\$ 11,059.86

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85	CONCRETE TRAFFIC SEPARATOR, SPECIAL VARIABLE WIDTH	FDOT PAY ITEM 520 70	230	SY	\$ 50.00	\$ 11,500.00	\$ 105.00	\$ 24,150.00	\$ 41.01	\$ 9,432.30
86	MEDIAN BARRIER WALL- 38" HEIGHT	FDOT PAY ITEM 521 11	832	LF	\$ 113.00	\$ 94,016.00	\$ 75.00	\$ 62,400.00	\$ 193.63	\$ 161,100.16
87	MEDIAN BARRIER- 44" HEIGHT VARIABLE SECTION WIDTH	FDOT PAY ITEM 521 1 14	261	LF	\$ 750.00	\$ 195,750.00	\$ 725.00	\$ 189,225.00	\$ 802.20	\$ 209,374.20
88	SHOULDER CONCRETE BARRIER	FDOT PAY ITEM 521 72 40	375	LF	\$ 270.00	\$ 101,250.00	\$ 340.00	\$ 127,500.00	\$ 288.75	\$ 108,281.25
89	SHOULDER BARRIER WALL- 38" WALL SHIELDING BARRIER	FDOT PAY ITEM 521 72 60	450	LF	\$ 320.00	\$ 144,000.00	\$ 118.00	\$ 53,100.00	\$ 345.45	\$ 155,452.50
90	CONCRETE SIDEWALK & DRIVEWAYS - 6" THICK	FDOT PAY ITEM 522 2	12502	LF	\$ 40.00	\$ 500,080.00	\$ 53.00	\$ 662,606.00	\$ 41.32	\$ 516,582.64
91	DETECTABLE WARNING	FDOT PAY ITEM 527 2	901	SF	\$ 30.00	\$ 27,030.00	\$ 33.00	\$ 29,733.00	\$ 45.94	\$ 41,391.94
92	GUARDRAIL TL-2	FDOT PAY ITEM 536 1 0	275	LF	\$ 20.00	\$ 5,500.00	\$ 19.00	\$ 5,225.00	\$ 131.25	\$ 36,093.75
93	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	FDOT PAY ITEM 536 85 20	4	EA	\$ 1,300.00	\$ 5,200.00	\$ 1,050.00	\$ 4,200.00	\$ 1,100.00	\$ 4,400.00
94	FENCING, TYPE B, 5.1'- 6.0', W/VINYL COATING	FDOT PAY ITEM 550 10222	759	LF	\$ 53.00	\$ 40,227.00	\$ 35.00	\$ 26,565.00	\$ 32.76	\$ 24,864.84
95	FENCE GATE, TYPE B, SLIDING CANTILEVER, 30' OPENING	FDOT PAY ITEM 550 60 236	1	EA	\$ 7,000.00	\$ 7,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,053.00	\$ 4,053.00
96	PERFORMANCE TURF, SOD	FDOT PAY ITEM 570 1 2	29457	SY	\$ 3.00	\$ 88,371.00	\$ 6.00	\$ 176,742.00	\$ 3.52	\$ 103,688.64
97	UTILITY CONDUIT, F&I, 9 6" DUCTS	FDOT PAY ITEM 630 2 11	1045	LF	\$ 15.00	\$ 15,675.00	\$ 169.00	\$ 176,605.00	\$ 6.30	\$ 6,583.50
98	CONDUIT, F&I, EMBEDDED CONC. BARRIERS	FDOT PAY ITEM 630 2 16	9117	LF	\$ 15.00	\$ 136,755.00	\$ 6.00	\$ 54,702.00	\$ 14.70	\$ 134,019.90
99	JUNCTION BOX, F&I, EMBEDDED	FDOT PAY ITEM 635 3 13	38	EA	\$ 445.00	\$ 16,910.00	\$ 395.00	\$ 15,010.00	\$ 446.25	\$ 16,957.50
100	PAVT MARKINGS- 12" WHITE	FDOT PAY ITEM 710 111 23	2559	LF	\$ 0.40	\$ 1,023.60	\$ 1.50	\$ 3,838.50	\$ 1.31	\$ 3,352.29
101	PAVT MARKINGS- 18" WHITE	FDOT PAY ITEM 710 111 24	1772	LF	\$ 0.60	\$ 1,063.20	\$ 2.00	\$ 3,544.00	\$ 1.89	\$ 3,349.08
102	PAVT MARKINGS- 24" WHITE	FDOT PAY ITEM 710 111 25	4091	LF	\$ 0.80	\$ 3,272.80	\$ 3.00	\$ 12,273.00	\$ 2.10	\$ 8,591.10
103	PAVT MARKINGS- 6" WHITE SKIP	FDOT PAY ITEM 710 111 31	2.04	GM	\$ 345.00	\$ 703.80	\$ 800.00	\$ 1,632.00	\$ 446.25	\$ 910.35
104	PAVT MARKINGS- WHITE MESSAGE/SYMBOL	FDOT PAY ITEM 710 111 60	49	EA	\$ 40.00	\$ 1,960.00	\$ 40.00	\$ 1,960.00	\$ 57.75	\$ 2,829.75

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105	PAVT MARKINGS- WHITE ARROWS	FDOT PAY ITEM 710 111 70	151	EA	\$ 30.00	\$ 4,530.00	\$ 30.00	\$ 4,530.00	\$ 36.75	\$ 5,549.25
106	PAVT MARKINGS- 6" WHITE	FDOT PAY ITEM 710 11101	11.10	GM	\$ 1,030.00	\$ 11,433.00	\$ 1,750.00	\$ 19,425.00	\$ 892.50	\$ 9,906.75
107	PAVT MARKINGS- 6" YELLOW	FDOT PAY ITEM 710 112 01	7.21	GM	\$ 1,030.00	\$ 7,426.30	\$ 1,750.00	\$ 12,617.50	\$ 892.50	\$ 6,434.93
108	PAVT MARKINGS- 18" YELLOW	FDOT PAY ITEM 710 112 24	1557	LF	\$ 0.60	\$ 934.20	\$ 2.00	\$ 3,114.00	\$ 1.89	\$ 2,942.73
109	PAVT MARKINGS- 6" YELLOW SKIP	FDOT PAY ITEM 710 112 31	0.03	GM	\$ 345.00	\$ 10.35	\$ 800.00	\$ 24.00	\$ 472.67	\$ 14.18
110	SITE PREPARATION	COJ 102	1.00	LS	\$ 250,000.00	\$ 250,000.00	\$ 1,764,762.82	\$ 1,764,762.82	\$ 392,500.00	\$ 392,500.00
111	CONCRETE CURB & GUTTER, CITY STANDARD	COJ 131	10578	LF	\$ 20.00	\$ 211,560.00	\$ 19.00	\$ 200,982.00	\$ 17.96	\$ 189,980.88
112	VALLEY GUTTER- CONCRETE	COJ 131	1292	LF	\$ 20.00	\$ 25,840.00	\$ 29.00	\$ 37,468.00	\$ 52.62	\$ 67,985.04
113	HEADER CURB- CONCRETE	COJ 131	547	LF	\$ 18.00	\$ 9,846.00	\$ 33.00	\$ 18,051.00	\$ 26.60	\$ 14,550.20
114	CURB INLETS <10'	COJ 202	55	EA	\$ 4,500.00	\$ 247,500.00	\$ 6,700.00	\$ 368,500.00	\$ 3,507.74	\$ 192,925.70
115	CURB INLETS >10'	COJ 202	1	EA	\$ 7,500.00	\$ 7,500.00	\$ 7,700.00	\$ 7,700.00	\$ 4,973.85	\$ 4,973.85
116	CURB INLETS, ROUND, <10'	COJ 202	13	EA	\$ 6,500.00	\$ 84,500.00	\$ 5,600.00	\$ 72,800.00	\$ 3,660.43	\$ 47,585.59
117	CURB INLETS, TYPE J, <10'	COJ 202	1	EA	\$ 8,500.00	\$ 8,500.00	\$ 7,150.00	\$ 7,150.00	\$ 5,491.52	\$ 5,491.52
118	CURB INLETS, DOUBLE, <10'	COJ 202	3	EA	\$ 7,500.00	\$ 22,500.00	\$ 11,550.00	\$ 34,650.00	\$ 6,284.77	\$ 18,854.31
119	CURB INLETS, PARTIAL, <10'	COJ 202	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 4,800.00	\$ 4,800.00	\$ 3,985.63	\$ 3,985.63
120	MANHOLES, TYPE J <10'	COJ 202	15	EA	\$ 8,500.00	\$ 127,500.00	\$ 5,950.00	\$ 89,250.00	\$ 4,661.72	\$ 69,925.80
121	MANHOLES, TYPE J >10'	COJ 202	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 8,200.00	\$ 8,200.00	\$ 7,191.90	\$ 7,191.90
122	MANHOLES, TYPE J PARTIAL, <10'	COJ 202	2	EA	\$ 6,500.00	\$ 13,000.00	\$ 5,950.00	\$ 11,900.00	\$ 1,809.11	\$ 3,618.22
123	DITCH BOTTOM INLETS, TYPE B <10'	COJ 202	1	EA	\$ 4,000.00	\$ 4,000.00	\$ 7,150.00	\$ 7,150.00	\$ 6,293.62	\$ 6,293.62
124	DITCH BOTTOM INLETS, TYPE E <10'	COJ 202	10	EA	\$ 4,000.00	\$ 40,000.00	\$ 5,130.00	\$ 51,300.00	\$ 2,423.95	\$ 24,239.50
125	DITCH BOTTOM INLETS, TYPE E PARTIAL <10'	COJ 202	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 6,100.00	\$ 6,100.00	\$ 4,378.71	\$ 4,378.71
126	CAST IRON TREE GRATE & FRAME		8	EA	\$ 1,200.00	\$ 9,600.00	\$ 2,300.00	\$ 18,400.00	\$ 3,290.00	\$ 26,320.00

STRUCTURES

TITLE:		URBAN CORE RIVERFRONT REVITALIZATION & COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR			JOHNSON BROS CORPORATION, A SOUTHLAND COMPANY		SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC		J.B. COXWELL CONTRACTING, INC.	
BID NO.	CF-0043-20 (PW)									
127	REMOVAL OF EXISTING STRUCTURES/BRIDGES (248,640 SF)	FDOT PAY ITEM 110 3	1	LS	\$ 3,562,000.00	\$ 3,562,000.00	\$ 3,540,000.00	\$ 3,540,000.00	\$ 1,562,225.00	\$ 1,562,225.00
128	CONCRETE CLASS NS, GRAVITY WALL	FDOT PAY ITEM 400 0 11	6.7	CY	\$ 650.00	\$ 4,355.00	\$ 1,200.00	\$ 8,040.00	\$ 2,310.00	\$ 15,477.00
129	CONCRETE CLASS II, APPROACH SLABS	FDOT PAY ITEM 400 2 10	150	CY	\$ 300.00	\$ 45,000.00	\$ 500.00	\$ 75,000.00	\$ 525.00	\$ 78,750.00
130	CONCRETE CLASS IV, SUPERSTRUCTURE	FDOT PAY ITEM 400 4 4	398.8	CY	\$ 775.00	\$ 309,070.00	\$ 750.00	\$ 299,100.00	\$ 997.50	\$ 397,803.00
131	CONCRETE CLASS IV, SUBSTRUCTURE	FDOT PAY ITEM 400 4 5	222.2	CY	\$ 980.00	\$ 217,756.00	\$ 800.00	\$ 177,760.00	\$ 997.50	\$ 221,644.50
132	CONCRETE CLASS IV, BULKHEAD	FDOT PAY ITEM 400 4 8	110.9	CY	\$ 1,425.00	\$ 158,032.50	\$ 1,000.00	\$ 110,900.00	\$ 1,890.00	\$ 209,601.00
133	CONCRETE CLASS IV, MASS-SUBSTRUCTURE	FDOT PAY ITEM 400 4 25	229.9	CY	\$ 1,450.00	\$ 333,355.00	\$ 900.00	\$ 206,910.00	\$ 892.50	\$ 205,185.75
134	BRIDGE DECK GROOVING & PLANNING, 0.5" & >	FDOT PAY ITEM 400 9	1336	SY	\$ 20.00	\$ 26,720.00	\$ 7.00	\$ 9,352.00	\$ 11.55	\$ 15,430.80
135	COMPOSITE NEOPRENE PADS	FDOT PAY ITEM 400 147	8.0	CF	\$ 1,200.00	\$ 9,600.00	\$ 2,500.00	\$ 20,000.00	\$ 3,307.50	\$ 26,460.00
136	REINFORCING STEEL, SUPERSTRUCTURE	FDOT PAY ITEM 415 1 14	84726	LB	\$ 1.00	\$ 84,726.00	\$ 0.85	\$ 72,017.10	\$ 1.10	\$ 93,198.60
137	REINFORCING STEEL, SUBSTRUCTURE	FDOT PAY ITEM 415 1 5	74209	LB	\$ 1.00	\$ 74,209.00	\$ 0.85	\$ 63,077.65	\$ 1.10	\$ 81,629.90
138	REINFORCING STEEL, BULKHEAD	FDOT PAY ITEM 415 1 8	9568	LB	\$ 1.00	\$ 9,568.00	\$ 0.85	\$ 8,132.80	\$ 1.10	\$ 10,524.80
139	REINFORCING STEEL, APPROACH SLABS	FDOT PAY ITEM 415 1 9	28686	LB	\$ 1.00	\$ 28,686.00	\$ 0.85	\$ 24,383.10	\$ 1.10	\$ 31,554.60
140	PRESTRESSED BEAMS: AASHTO TYPE II	FDOT PAY ITEM 450 1 1	429	LF	\$ 185.00	\$ 79,365.00	\$ 210.00	\$ 90,090.00	\$ 341.25	\$ 146,396.25
141	PRESTRESSED BEAMS: FLORIDA-I-BEAM 72"	FDOT PAY ITEM 450 2 72	804	LF	\$ 444.00	\$ 356,976.00	\$ 350.00	\$ 281,400.00	\$ 472.50	\$ 379,890.00
142	PRESTRESSED CONCRETE PILING, 24" SQ. (DRIVEN PLUMB)	FDOT PAY ITEM 455 34 5	1624	LF	\$ 150.00	\$ 243,600.00	\$ 144.00	\$ 233,856.00	\$ 168.00	\$ 272,832.00
143	STEEL PILING, HP 12 X 53	FDOT PAY ITEM 455 35 4	624	LF	\$ 110.00	\$ 68,640.00	\$ 122.00	\$ 76,128.00	\$ 107.10	\$ 66,830.40
144	STEEL PILING, HP 14 X 102	FDOT PAY ITEM 455 35 7	752	LF	\$ 150.00	\$ 112,800.00	\$ 140.00	\$ 105,280.00	\$ 126.00	\$ 94,752.00
145	STEEL PILING, HP 16 X 162	FDOT PAY ITEM 455 35 14	329	LF	\$ 230.00	\$ 75,670.00	\$ 269.00	\$ 88,501.00	\$ 183.75	\$ 60,453.75
146	SHEET PILING STEEL, TEMPORARY- CRITICAL	FDOT PAY ITEM 455 133 2	2252	SF	\$ 25.00	\$ 56,300.00	\$ 45.00	\$ 101,340.00	\$ 39.90	\$ 89,854.80
147	SHEET PILING STEEL, FURNISH & INSTALL PERMANENT	FDOT PAY ITEM 455 133 3	13535	LF	\$ 55.00	\$ 744,425.00	\$ 45.00	\$ 609,075.00	\$ 29.40	\$ 397,929.00
148	TEST PILES-PRESTRESSED CONCRETE, 24" SQ.	FDOT PAY ITEM 455 143 5	265	LF	\$ 200.00	\$ 53,000.00	\$ 632.00	\$ 167,480.00	\$ 315.00	\$ 83,475.00
149	TEST PILES- STEEL, HP 12 X 53	FDOT PAY ITEM 455-144-4	60	LF	\$ 160.00	\$ 9,600.00	\$ 988.00	\$ 59,280.00	\$ 210.00	\$ 12,600.00
150	TEST PILES- STEEL, HP 14 X 102	FDOT PAY ITEM 455-144-8	116	LF	\$ 280.00	\$ 32,480.00	\$ 579.00	\$ 67,164.00	\$ 225.75	\$ 26,187.00

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BID NO.	CF-0043-20	(PW)								
151	TEST PILES-STEEL, HP 16 X 162	FDOT PAY ITEM 455-144-9	56	LF	\$ 295.00	\$ 18,520.00	\$ 635.00	\$ 35,560.00	\$ 315.00	\$ 17,640.00
152	BRIDGE DECK EXPANSION JOINT, NEW CONST. F&I, POURED JOINT W BACKER ROD	FDOT PAY ITEM 458 1 11	253	LF	\$ 20.00	\$ 5,060.00	\$ 42.00	\$ 10,626.00	\$ 52.50	\$ 13,282.50
153	POLYETHYLENE SHEETING ON CONCRETE PILING	FDOT PAY ITEM 459 71	281	SY	\$ 35.00	\$ 9,835.00	\$ 10.00	\$ 2,810.00	\$ 7.35	\$ 2,065.35
154	STRUCTURAL STEEL, LOW ALLOY	FDOT PAY ITEM 460 2 2	26073	LB	\$ 4.00	\$ 104,292.00	\$ 16.00	\$ 417,168.00	\$ 16.80	\$ 438,026.40
155	BRIDGE DRAIN PIPE	FDOT PAY ITEM 506 2	112	LF	\$ 180.00	\$ 20,160.00	\$ 125.00	\$ 14,000.00	\$ 157.50	\$ 17,640.00
156	BRIDGE DRAINS	FDOT PAY ITEM 506 3	2	EA	\$ 1,550.00	\$ 3,100.00	\$ 2,900.00	\$ 5,800.00	\$ 6,667.50	\$ 13,335.00
157	CONCRETE TRAFFIC RAILING, 36" MEDIAN SINGLE SLOPE	FDOT PAY ITEM 521 5 12	262	LF	\$ 100.00	\$ 26,200.00	\$ 165.00	\$ 43,230.00	\$ 210.00	\$ 55,020.00
158	CONCRETE TRAFFIC RAILING, 36" SINGLE SLOPE	FDOT PAY ITEM 521 5 13	355	LF	\$ 110.00	\$ 39,050.00	\$ 163.00	\$ 57,865.00	\$ 157.50	\$ 55,912.50
159	CONCRETE TRAFFIC RAILING, 42" SINGLE SLOPE	FDOT PAY ITEM 521 5 14	169	LF	\$ 120.00	\$ 20,280.00	\$ 203.00	\$ 34,307.00	\$ 176.40	\$ 29,811.60
160	CONCRETE PARAPET, RETAINING WALL SYSTEM MOUNTED W/SIDEWALK, 27" HEIGHT	FDOT PAY ITEM 521 6 32	210	LF	\$ 150.00	\$ 31,500.00	\$ 410.00	\$ 86,100.00	\$ 495.09	\$ 103,968.90
161	CONCRETE BARRIER, WITH JUNCTION SLAB, 36" SINGLE SLOPE	FDOT PAY ITEM 521 8 7	901	LF	\$ 200.00	\$ 180,200.00	\$ 275.00	\$ 247,775.00	\$ 370.01	\$ 333,379.01
162	CONCRETE BARRIER, WITH JUNCTION SLAB, 42" SINGLE SLOPE	FDOT PAY ITEM 521 8 8	1333	LF	\$ 225.00	\$ 299,925.00	\$ 330.00	\$ 439,890.00	\$ 480.36	\$ 640,319.88
163	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	FDOT PAY ITEM 548 12	49022	SF	\$ 40.00	\$ 1,960,880.00	\$ 34.00	\$ 1,666,748.00	\$ 51.37	\$ 2,518,260.14
164	COATING EXISTING STRUCTURAL STEEL (85.1 TM)	FDOT PAY ITEM 561 1	1	LS	\$ 90,000.00	\$ 90,000.00	\$ 260,000.00	\$ 260,000.00	\$ 293,851.77	\$ 293,851.77
SIGNING AND PAVEMENT MARKINGS										
165	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	FDOT PAY ITEM 700 1 11	47	AS	\$ 348.00	\$ 16,356.00	\$ 391.00	\$ 18,377.00	\$ 410.55	\$ 19,295.85
166	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	FDOT PAY ITEM 700 1 12	28	AS	\$ 1,190.00	\$ 33,320.00	\$ 1,455.00	\$ 40,740.00	\$ 1,527.75	\$ 42,777.00
167	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	FDOT PAY ITEM 700 1 13	4	AS	\$ 1,528.00	\$ 6,112.00	\$ 1,298.00	\$ 5,192.00	\$ 1,362.90	\$ 5,451.60
168	SINGLE POST SIGN, F&I GROUND MOUNT, 31+ SF	FDOT PAY ITEM 700 1 14	1	AS	\$ 2,269.00	\$ 2,269.00	\$ 1,932.00	\$ 1,932.00	\$ 2,028.60	\$ 2,028.60
169	SINGLE POST SIGN, F&I BARRIER MOUNT, UP TO 12 SF	FDOT PAY ITEM 700 1 21	1	AS	\$ 1,555.00	\$ 1,555.00	\$ 1,720.00	\$ 1,720.00	\$ 1,806.00	\$ 1,806.00
170	SINGLE POST SIGN, F&I BARRIER MOUNT, 12 20 SF	FDOT PAY ITEM 700 1 22	1	AS	\$ 1,867.00	\$ 1,867.00	\$ 1,953.00	\$ 1,953.00	\$ 2,050.65	\$ 2,050.65
171	SINGLE POST SIGN, F&I BRIDGE MOUNT, UP TO 12 SF	FDOT PAY ITEM 700 1 31	6	AS	\$ 2,220.00	\$ 13,320.00	\$ 1,899.00	\$ 11,394.00	\$ 1,993.95	\$ 11,963.70
172	SINGLE POST SIGN, F&I BRIDGE MOUNT, 12 20 SF	FDOT PAY ITEM 700 1 32	2	AS	\$ 1,925.00	\$ 3,850.00	\$ 2,091.00	\$ 4,182.00	\$ 2,195.55	\$ 4,391.10

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BID NO.	CF-0043-20 (PW)									
173	SINGLE POST SIGN, F&I BRIDGE MOUNT, 21 30 SF	FDOT PAY ITEM 700 1 33	1	AS	\$ 2,500.00	\$ 2,500.00	\$ 2,509.00	\$ 2,509.00	\$ 2,634.45	\$ 2,634.45
174	SINGLE POST SIGN, RELOCATE	FDOT PAY ITEM 700 1 50	8	AS	\$ 250.00	\$ 2,000.00	\$ 218.00	\$ 1,744.00	\$ 228.90	\$ 1,831.20
175	SINGLE POST SIGN, REMOVE	FDOT PAY ITEM 700 1 60	32	AS	\$ 28.00	\$ 896.00	\$ 20.00	\$ 640.00	\$ 21.00	\$ 672.00
176	SINGLE POST SIGN, F&I CUSTOM, 31+ SF	FDOT PAY ITEM 700 1 74	1	AS	\$ 2,700.00	\$ 2,700.00	\$ 4,206.00	\$ 4,206.00	\$ 4,416.30	\$ 4,416.30
177	MULTI-POST SIGN, F&I GROUND MOUNT, 12 20 SF	FDOT PAY ITEM 700 2 12	2	AS	\$ 4,170.00	\$ 8,340.00	\$ 4,273.00	\$ 8,546.00	\$ 4,486.65	\$ 8,973.30
178	MULTI-POST SIGN, F&I GROUND MOUNT, 31 50 SF	FDOT PAY ITEM 700 2 14	1	AS	\$ 4,700.00	\$ 4,700.00	\$ 5,744.00	\$ 5,744.00	\$ 6,031.20	\$ 6,031.20
179	MULTI-POST SIGN, RELOCATE	FDOT PAY ITEM 700 2 50	2	AS	\$ 4,365.00	\$ 8,730.00	\$ 982.00	\$ 1,964.00	\$ 1,031.10	\$ 2,062.20
180	MULTI-POST SIGN, REMOVE	FDOT PAY ITEM 700 2 60	2	AS	\$ 785.00	\$ 1,570.00	\$ 150.00	\$ 300.00	\$ 157.50	\$ 315.00
181	SIGN PANEL, F&I OVERHEAD MOUNT, 51 100 SF	FDOT PAY ITEM 700 3 205	4	EA	\$ 3,300.00	\$ 13,200.00	\$ 4,215.00	\$ 16,860.00	\$ 4,425.75	\$ 17,703.00
182	SIGN PANEL, F&I OVERHEAD MOUNT, 101 200 SF	FDOT PAY ITEM 700 3 206	10	EA	\$ 5,300.00	\$ 53,000.00	\$ 7,048.00	\$ 70,480.00	\$ 7,400.40	\$ 74,004.00
183	SIGN PANEL, F&I OVERHEAD MOUNT, 201 300 SF	FDOT PAY ITEM 700 3 207	1	EA	\$ 8,000.00	\$ 8,000.00	\$ 5,766.00	\$ 5,766.00	\$ 6,054.30	\$ 6,054.30
184	SIGN PANEL, RELOCATE, 12 20 SF	FDOT PAY ITEM 700 3 502	1	EA	\$ 765.00	\$ 765.00	\$ 320.00	\$ 320.00	\$ 336.00	\$ 336.00
185	SIGN PANEL, REMOVE, UP TO 12 SF	FDOT PAY ITEM 700 3 601	30	EA	\$ 50.00	\$ 1,500.00	\$ 15.00	\$ 450.00	\$ 15.75	\$ 472.50
186	SIGN PANEL, REMOVE, 12 20 SF	FDOT PAY ITEM 700 3 602	1	EA	\$ 110.00	\$ 110.00	\$ 30.00	\$ 30.00	\$ 31.50	\$ 31.50
187	SIGN PANEL, REMOVE, 51 100 SF	FDOT PAY ITEM 700 3 605	2	EA	\$ 620.00	\$ 1,240.00	\$ 150.00	\$ 300.00	\$ 157.50	\$ 315.00
188	SIGN PANEL, REMOVE, 101 200 SF	FDOT PAY ITEM 700 3 606	9	EA	\$ 600.00	\$ 5,400.00	\$ 250.00	\$ 2,250.00	\$ 262.50	\$ 2,362.50
189	SIGN PANEL, REMOVE, 51 100 SF WITH LIGHTING	FDOT PAY ITEM 700 3 625	1	EA	\$ 1,300.00	\$ 1,300.00	\$ 350.00	\$ 350.00	\$ 367.50	\$ 367.50
190	SIGN PANEL, REMOVE, 101 200 SF WITH LIGHTING	FDOT PAY ITEM 700 3 626	1	EA	\$ 1,300.00	\$ 1,300.00	\$ 500.00	\$ 500.00	\$ 525.00	\$ 525.00
191	OVERHEAD STATIC SIGN STRUCTURE, F&I, CANTILEVER, 41 50 FT	FDOT PAY ITEM 700 4 114	2	EA	\$ 95,000.00	\$ 190,000.00	\$ 90,995.00	\$ 181,990.00	\$ 95,544.75	\$ 191,089.50
192	OVERHEAD STATIC SIGN STRUCTURE, REMOVE SPAN	FDOT PAY ITEM 700 4 620	1	EA	\$ 12,000.00	\$ 12,000.00	\$ 5,900.00	\$ 5,900.00	\$ 6,195.00	\$ 6,195.00
193	ELECTRONIC DISPLAY SIGN, REMOVE- GROUND MOUNT	FDOT PAY ITEM 700 11 600	4	AS	\$ 1,000.00	\$ 4,000.00	\$ 450.00	\$ 1,800.00	\$ 472.50	\$ 1,890.00
194	SIGN BEACON, F&I GROUND MOUNT-SOLAR POWRED, TWO BEACONS	FDOT PAY ITEM 700 12 22	2	AS	\$ 7,500.00	\$ 15,000.00	\$ 5,830.00	\$ 11,660.00	\$ 6,121.50	\$ 12,243.00

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BID NO.	CF-0043-20	(PW)								
195	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	FDOT PAY ITEM 700 13 15	8	EA	\$ 200.00	\$ 1,600.00	\$ 85.00	\$ 680.00	\$ 89.25	\$ 714.00
196	OBJECT MARKER, TYPE I	FDOT PAY ITEM 705 10 1	5	EA	\$ 225.00	\$ 1,125.00	\$ 250.00	\$ 1,250.00	\$ 183.75	\$ 918.75
197	DELINEATOR, FLEXIBLE TUBULAR	FDOT PAY ITEM 705 11 1	9	EA	\$ 75.00	\$ 675.00	\$ 250.00	\$ 2,250.00	\$ 89.25	\$ 803.25
198	PAINTED PAVEMENT MARKINGS, STD, YELLOW, ISLAND NOSE	FDOT PAY ITEM 710 11 290	74	SF	\$ 2.00	\$ 148.00	\$ 10.00	\$ 740.00	\$ 5.25	\$ 388.50
199	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	FDOT PAY ITEM 710 90	1	LS	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 23,625.00	\$ 23,625.00
200	THERMO, STD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	FDOT PAY ITEM 711 11 103	0.031	GM	\$ 7,400.00	\$ 229.40	\$ 15,840.00	\$ 491.04	\$ 15,750.00	\$ 488.25
201	THERMO, STD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	FDOT PAY ITEM 711 11 123	2453	LF	\$ 1.50	\$ 3,679.50	\$ 3.00	\$ 7,359.00	\$ 2.10	\$ 5,151.30
202	THERMO, STD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	FDOT PAY ITEM 711 11 124	1565	LF	\$ 2.25	\$ 3,521.25	\$ 4.00	\$ 6,260.00	\$ 2.89	\$ 4,522.85
203	THERMO, STD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	FDOT PAY ITEM 711 11 125	785	LF	\$ 3.00	\$ 2,355.00	\$ 5.00	\$ 3,925.00	\$ 3.41	\$ 2,676.85
204	THERMO, STD, WHITE, 2 4 DOTTED GUIDELINE/ 6 10 GAP EXTENSION, 6"	FDOT PAY ITEM 711 11 141	0.193	GM	\$ 980.00	\$ 189.14	\$ 2,500.00	\$ 482.50	\$ 1,890.00	\$ 364.77
205	THERMO, STD, WHITE, MESSAGE OR SYMBOL	FDOT PAY ITEM 711 11 160	36	EA	\$ 55.00	\$ 1,980.00	\$ 125.00	\$ 4,500.00	\$ 105.00	\$ 3,780.00
206	THERMO, STD, WHITE, ARROW	FDOT PAY ITEM 711 11 170	84	EA	\$ 45.00	\$ 3,780.00	\$ 100.00	\$ 8,400.00	\$ 63.00	\$ 5,292.00
207	THERMO, STD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	FDOT PAY ITEM 711 11 224	1987	LF	\$ 2.25	\$ 4,470.75	\$ 4.00	\$ 7,948.00	\$ 2.89	\$ 5,742.43
208	THERMO, STD, YELLOW, 2 4 DOTTED GUIDELINE/ 6 10 DOTTED EXTENSION LINE, 6"	FDOT PAY ITEM 711 11 241	0.081	GM	\$ 920.00	\$ 74.52	\$ 2,500.00	\$ 202.50	\$ 1,890.00	\$ 153.09
209	THERMO, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	FDOT PAY ITEM 711 14 125	1655	LF	\$ 17.00	\$ 28,135.00	\$ 20.00	\$ 33,100.00	\$ 12.08	\$ 19,992.40
210	THERMO, STD-OTHER SURFACES, WHITE, SOLID, 6"	FDOT PAY ITEM 711 16 101	3.393	GM	\$ 4,400.00	\$ 14,929.20	\$ 5,280.00	\$ 17,915.04	\$ 3,990.00	\$ 13,538.07
211	THERMO, STD-OTHER SURFACES, WHITE, SOLID, 8"	FDOT PAY ITEM 711 16 102	0.279	GM	\$ 5,800.00	\$ 1,618.20	\$ 7,500.00	\$ 2,092.50	\$ 5,460.00	\$ 1,523.34
212	THERMO, STD-OTHER SURFACES, WHITE, SKIP, 6", 10 30 SKIP OR 3 9 LANE DROP	FDOT PAY ITEM 711 16 131	1.395	GM	\$ 1,100.00	\$ 1,534.50	\$ 2,500.00	\$ 3,487.50	\$ 1,890.00	\$ 2,636.55
213	THERMO, STD-OTHER SURFACES, WHITE, SKIP, 12" - APPROACH TO TOLL PLAZA	FDOT PAY ITEM 711 16 133	0.037	GM	\$ 1,775.00	\$ 65.68	\$ 5,000.00	\$ 185.00	\$ 4,375.95	\$ 161.91

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BID NO.	CF-0043-20	(PW)								
214	THERMO, STD-OTHER SURFACES, YELLOW, SOLID, 6"	FDOT PAY ITEM 711 16 201	2.219	GM	\$ 4,335.00	\$ 9,619.37	\$ 5,280.00	\$ 11,716.32	\$ 3,990.00	\$ 8,853.81
215	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	FDOT PAY ITEM 713 103 101	0.183	GM	\$ 27,200.00	\$ 4,977.60	\$ 25,000.00	\$ 4,575.00	\$ 26,250.00	\$ 4,803.75
216	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	FDOT PAY ITEM 713 103 131	0.117	GM	\$ 6,300.00	\$ 737.10	\$ 7,500.00	\$ 877.50	\$ 13,125.04	\$ 1,535.63
217	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	FDOT PAY ITEM 713 103 201	0.184	GM	\$ 27,100.00	\$ 4,986.40	\$ 25,000.00	\$ 4,600.00	\$ 26,250.00	\$ 4,830.00
218	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	FDOT PAY ITEM 713 103 331	0.117	GM	\$ 6,000.00	\$ 702.00	\$ 7,500.00	\$ 877.50	\$ 13,125.04	\$ 1,535.63
SIGNALIZATION										
219	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	FDOT PAY ITEM 630 2 11	961	LF	\$ 9.00	\$ 8,649.00	\$ 7.50	\$ 7,207.50	\$ 8.40	\$ 8,072.40
220	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	FDOT PAY ITEM 630 2 12	5640	LF	\$ 31.00	\$ 174,840.00	\$ 21.50	\$ 121,260.00	\$ 31.50	\$ 177,660.00
221	SIGNAL CABLE- NEW OR RECON INTERSECTION, F&I	FDOT PAY ITEM 632 7 1	7	PI	\$ 4,200.00	\$ 29,400.00	\$ 3,985.00	\$ 27,895.00	\$ 4,200.00	\$ 29,400.00
222	SIGNAL CABLE, REMOVE-INTERSECTION	FDOT PAY ITEM 632 7 6	10	PI	\$ 525.00	\$ 5,250.00	\$ 450.00	\$ 4,500.00	\$ 525.00	\$ 5,250.00
223	FIBER OPTIC CABLE, F&I, UNDERGROUND, 2 12	FDOT PAY ITEM 633 1 121	67	LF	\$ 3.00	\$ 201.00	\$ 3.00	\$ 201.00	\$ 2.63	\$ 176.21
224	FIBER OPTIC CABLE, F&I, UNDERGROUND, 13 48 FIBERS	FDOT PAY ITEM 633 1 122	2056	LF	\$ 3.00	\$ 6,168.00	\$ 3.50	\$ 7,196.00	\$ 2.63	\$ 5,407.28
225	FIBER OPTIC CABLE, F&I, UNDERGROUND, 49 96 FIBERS	FDOT PAY ITEM 633 1 123	5665	LF	\$ 3.00	\$ 16,995.00	\$ 3.00	\$ 16,995.00	\$ 2.89	\$ 16,371.85
226	FIBER OPTIC CONNECTION, INSTALL, SPLICE	FDOT PAY ITEM 633 2 31	396	EA	\$ 42.00	\$ 16,632.00	\$ 40.00	\$ 15,840.00	\$ 42.00	\$ 16,632.00
227	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	FDOT 633 2 32	432	EA	\$ 78.00	\$ 33,696.00	\$ 72.50	\$ 31,320.00	\$ 78.75	\$ 34,020.00
228	FIBER OPTIC CONNECTION HDWR, F&I, SPLICE ENCLOSURE	FDOT PAY ITEM 633 3 11	9	EA	\$ 840.00	\$ 7,560.00	\$ 815.00	\$ 7,335.00	\$ 840.00	\$ 7,560.00
229	FIBER OPTIC CONNECTION HDWR, F&I, SPLICE TRAY	FDOT PAY ITEM 633 3 12	33	EA	\$ 63.00	\$ 2,079.00	\$ 60.00	\$ 1,980.00	\$ 63.00	\$ 2,079.00
230	FIBER OPTIC CONN HDWR, F&I, BUFFER TUBE FAN OUT KIT	FDOT PAY ITEM 633 3 14	33	EA	\$ 78.00	\$ 2,574.00	\$ 75.00	\$ 2,475.00	\$ 78.75	\$ 2,598.75
231	FIBER OPTIC CONN HDWR, F&I, PATCH PANEL-FIELD TERM	FDOT PAY ITEM 633 3 16	18	EA	\$ 2,517.00	\$ 45,306.00	\$ 2,215.00	\$ 39,870.00	\$ 2,520.00	\$ 45,360.00
232	MULTI-CONDUCTOR COMMUNICATION CABLE, REMOVE	FDOT PAY ITEM 633 8 6	5220	LF	\$ 0.27	\$ 1,409.40	\$ 0.50	\$ 2,610.00	\$ 0.26	\$ 1,357.20

TITLE:		URBAN CORE RIVERFRONT REVITALIZATION & COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR			JOHNSON BROS CORPORATION, A SOUTHLAND COMPANY		SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC		J.B. COXWELL CONTRACTING, INC.	
BID NO.	CF-0043-20 (PW)									
233	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	FDOT PAY ITEM 635 2 11	43	EA	\$ 352.00	\$ 15,136.00	\$ 695.00	\$ 29,885.00	\$ 351.75	\$ 15,125.25
234	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	FDOT PAY ITEM 635 2 12	13	EA	\$ 997.00	\$ 12,961.00	\$ 1,295.00	\$ 16,835.00	\$ 997.50	\$ 12,967.50
235	PULL & SPLICE BOX, INSTALL	FDOT PAY ITEM 635 2 30	4	EA	\$ 262.00	\$ 1,048.00	\$ 595.00	\$ 2,380.00	\$ 262.50	\$ 1,050.00
236	ELECTRICAL POWER SERVICE, F&I, UG, METER NOT REQ	FDOT PAY ITEM 639 1 123	7	AS	\$ 3,146.00	\$ 22,022.00	\$ 1,395.00	\$ 9,765.00	\$ 3,150.00	\$ 22,050.00
237	ELECTRICAL POWER SERVICE, REMOVE UNDERGROUND	FDOT PAY ITEM 639 1 620	8	AS	\$ 157.00	\$ 1,256.00	\$ 1,395.00	\$ 11,160.00	\$ 157.50	\$ 1,260.00
238	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	FDOT PAY ITEM 639 2 1	1869	LF	\$ 4.20	\$ 7,849.80	\$ 3.65	\$ 6,821.85	\$ 4.20	\$ 7,849.80
239	ELECTRICAL SERVICE WIRE, REMOVE	FDOT PAY ITEM 639 2 6	1775	LF	\$ 0.32	\$ 568.00	\$ 0.50	\$ 887.50	\$ 0.32	\$ 568.00
240	PRESTRESSED CNC POLE, F&I, TYPE P-II SERVICE POLE	FDOT PAY ITEM 641 2 12	7	EA	\$ 1,100.00	\$ 7,700.00	\$ 1,150.00	\$ 8,050.00	\$ 1,050.00	\$ 7,350.00
241	ALUMINUM SIGNALS POLE, PEDESTAL	FDOT PAY ITEM 648 1 11	18	EA	\$ 2,000.00	\$ 36,000.00	\$ 1,295.00	\$ 23,310.00	\$ 1,995.00	\$ 35,910.00
242	ALUMINUM SIGNALS POLE, REMOVE	FDOT PAY ITEM 646 1 60	2	EA	\$ 210.00	\$ 420.00	\$ 150.00	\$ 300.00	\$ 210.00	\$ 420.00
243	STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 40'	FDOT PAY ITEM 649 21 3	2	EA	\$ 45,000.00	\$ 90,000.00	\$ 42,000.00	\$ 84,000.00	\$ 44,625.00	\$ 89,250.00
244	STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 50'	FDOT PAY ITEM 649 21 6	4	EA	\$ 50,000.00	\$ 200,000.00	\$ 40,000.00	\$ 160,000.00	\$ 49,875.00	\$ 199,500.00
245	STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 60'	FDOT PAY ITEM 649 21 10	2	EA	\$ 60,000.00	\$ 120,000.00	\$ 73,000.00	\$ 146,000.00	\$ 59,850.00	\$ 119,700.00
246	STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 70'	FDOT PAY ITEM 649 21 15	1	EA	\$ 70,000.00	\$ 70,000.00	\$ 48,500.00	\$ 48,500.00	\$ 67,725.00	\$ 67,725.00
247	STEEL MAST ARM ASSEMBLY, F&I, DOUBLE ARM 70'-40'	FDOT PAY ITEM 649 21 17	1	EA	\$ 75,000.00	\$ 75,000.00	\$ 60,500.00	\$ 60,500.00	\$ 72,450.00	\$ 72,450.00
248	STEEL MAST ARM ASSEMBLY, F&I, DOUBLE ARM 78'-50'	FDOT PAY ITEM 649 21 24	1	EA	\$ 85,000.00	\$ 85,000.00	\$ 74,000.00	\$ 74,000.00	\$ 85,050.00	\$ 85,050.00
249	STEEL MAST ARM ASSEMBLY, F&I, DOUBLE ARM 78'-78'	FDOT PAY ITEM 649 21 27	1	EA	\$ 95,000.00	\$ 95,000.00	\$ 105,000.00	\$ 105,000.00	\$ 92,400.00	\$ 92,400.00
250	STEEL MAST ARM ASSEMBLY, F&I, DEEP FDN-BOLT ON ATTACH	FDOT PAY ITEM 649 26 5	14	EA	\$ 12,200.00	\$ 170,800.00	\$ 8,520.00	\$ 119,280.00	\$ 12,075.00	\$ 169,050.00
251	VEH TRAFFIC SIGNAL, F&I ALUMINUM, SECTION 1 WAY	FDOT PAY ITEM 650 1 11	2	AS	\$ 630.00	\$ 1,260.00	\$ 752.00	\$ 1,504.00	\$ 630.00	\$ 1,260.00
252	VEH TRAFFIC SIGNAL, F&I ALUMINUM, 3 SECTION 1 WAY	FDOT PAY ITEM 650 1 14	39	AS	\$ 1,000.00	\$ 39,000.00	\$ 1,000.00	\$ 39,000.00	\$ 997.50	\$ 38,902.50
253	PEDESTRIAN SIGNAL, F&I LED COUNTDOWN, 1 WAY	FDOT PAY ITEM 653 1 11	18	AS	\$ 630.00	\$ 11,340.00	\$ 550.00	\$ 9,900.00	\$ 630.00	\$ 11,340.00

TITLE: URBAN CORE RIVERFRONT REVITALIZATION & COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR				JOHNSON BROS CORPORATION, A SOUTHLAND COMPANY				SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC		J.B. COXWELL CONTRACTING, INC.	
BID NO.	CF-0043-20	(PW)									
254	VEHICLE DETECTION SYSTEM-MICRO, F&I CABINET EQUIP	FDOT PAY ITEM 660 3 11	7	EA	\$ 4,200.00	\$ 29,400.00	\$ 5,250.00	\$ 36,750.00	\$ 4,200.00	\$ 29,400.00	
255	VEHICLE DETECTION SYSTEM-MICRO, F&I ABO EQUIP	FDOT PAY ITEM 660 3 12	18	EA	\$ 7,000.00	\$ 126,000.00	\$ 8,800.00	\$ 158,400.00	\$ 7,035.00	\$ 126,630.00	
256	VEHICLE DETECTION SYSTEM-AVI, BT, F&I, CABINET EQUIP	FDOT PAY ITEM 660 6 121	7	EA	\$ 4,725.00	\$ 33,075.00	\$ 675.00	\$ 4,725.00	\$ 4,725.00	\$ 33,075.00	
257	VEHICLE DETECTION SYSTEM-AVI, BT, F&I, ABO EQUIP	FDOT PAY ITEM 660 6 122	7	EA	\$ 4,200.00	\$ 29,400.00	\$ 8,275.00	\$ 57,925.00	\$ 4,200.00	\$ 29,400.00	
258	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	FDOT PAY ITEM 665 1 11	18	EA	\$ 210.00	\$ 3,780.00	\$ 270.00	\$ 4,860.00	\$ 210.00	\$ 3,780.00	
259	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	FDOT PAY ITEM 670 5 110	7	AS	\$ 28,400.00	\$ 198,800.00	\$ 28,000.00	\$ 196,000.00	\$ 28,350.00	\$ 198,450.00	
260	TRAF CNTL ASSEM, REMOVE CONTROLLER WITH CABINET	FDOT PAY ITEM 670 5 600	11	AS	\$ 370.00	\$ 4,070.00	\$ 450.00	\$ 4,950.00	\$ 367.50	\$ 4,042.50	
261	ITS CCTV CAMERA, F&I, DOME ENCL- NP, IP, HIGH DEF	FDOT PAY ITEM 682 1 133	5	EA	\$ 9,000.00	\$ 45,000.00	\$ 7,000.00	\$ 35,000.00	\$ 8,925.00	\$ 44,625.00	
262	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	FDOT PAY ITEM 684 1 1	7	EA	\$ 3,500.00	\$ 24,500.00	\$ 2,570.00	\$ 17,990.00	\$ 3,465.00	\$ 24,255.00	
263	MEDIA CONVERTER, FURNISH & INSTALL	FDOT PAY ITEM 684 5 1	2	EA	\$ 1,155.00	\$ 2,310.00	\$ 870.00	\$ 1,740.00	\$ 1,155.00	\$ 2,310.00	
264	UNINTERRUPTIBLE POWER SUPPLY, F&I, LINE INTERACTIVE	FDOT PAY ITEM 685 1 11	7	EA	\$ 5,245.00	\$ 36,715.00	\$ 3,950.00	\$ 27,650.00	\$ 5,250.00	\$ 36,750.00	
265	SIGN PANEL, F&I OVERHEAD MOUNT, UP TO 12 SF	FDOT PAY ITEM 700 2 201	20	EA	\$ 630.00	\$ 12,600.00	\$ 595.00	\$ 11,900.00	\$ 630.00	\$ 12,600.00	
266	INTERNAL ILLUM SIGN, F&I, OM, 12 18 SF, DOUBLE-SIDED	FDOT PAY ITEM 700 5 22	8	EA	\$ 3,150.00	\$ 25,200.00	\$ 3,900.00	\$ 31,200.00	\$ 3,150.00	\$ 25,200.00	
267	ELE DIS SIGN, F&I OM-AC-P, BLANK OUT SIGN, UP TO 12 SF	FDOT PAY ITEM 700 11 391	1	AS	\$ 5,455.00	\$ 5,455.00	\$ 3,660.00	\$ 3,660.00	\$ 5,460.00	\$ 5,460.00	
LIGHTING											
268	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	FDOT PAY ITEM 630 2 11	5260	LF	\$ 8.00	\$ 42,080.00	\$ 7.50	\$ 39,450.00	\$ 7.88	\$ 41,448.80	
269	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	FDOT PAY ITEM 630 2 12	4461	LF	\$ 30.00	\$ 133,830.00	\$ 21.50	\$ 95,911.50	\$ 29.40	\$ 131,153.40	
270	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	FDOT PAY ITEM 635 2 11	6	EA	\$ 370.00	\$ 2,220.00	\$ 795.00	\$ 4,770.00	\$ 367.50	\$ 2,205.00	
271	LIGHTING CONDUCTORS, F&I, NO.1/0 - 3/0 (0 TO 000)	FDOT PAY ITEM 715 1 15	8679	LF	\$ 2.65	\$ 22,999.35	\$ 4.00	\$ 34,716.00	\$ 2.63	\$ 22,825.77	
272	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTORS OWN	FDOT PAY ITEM 715 1 60	4806	LF	\$ 0.30	\$ 1,441.80	\$ 0.35	\$ 1,682.10	\$ 0.26	\$ 1,249.56	

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BID NO.	CF-0043-20	(PW)								
273	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDRARD POLE SPECIAL FOUNDATION, 30' MOUNTING HEIGHT	FDOT PAY ITEM 715 4 21	17	EA	\$ 7,700.00	\$ 130,900.00	\$ 7,875.00	\$ 133,875.00	\$ 7,665.00	\$ 130,305.00
274	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	FDOT PAY ITEM 715 4 70	34	EA	\$ 685.00	\$ 23,290.00	\$ 350.00	\$ 11,900.00	\$ 682.50	\$ 23,205.00
275	LOAD CENTER, F&I, SECONDARY VOLTAGE	FDOT PAY ITEM 715 7 11	4	EA	\$ 20,000.00	\$ 80,000.00	\$ 9,865.00	\$ 39,460.00	\$ 19,950.00	\$ 79,800.00
276	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD	FDOT PAY ITEM 715 11 211	4	EA	\$ 2,000.00	\$ 8,000.00	\$ 985.00	\$ 3,940.00	\$ 1,785.00	\$ 7,140.00
277	LUMINAIRE, REMOVE	FDOT PAY ITEM 715 11 500	12	EA	\$ 185.00	\$ 2,220.00	\$ 65.00	\$ 780.00	\$ 183.75	\$ 2,205.00
278	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	FDOT PAY ITEM 715 500 1	21	EA	\$ 475.00	\$ 9,975.00	\$ 395.00	\$ 8,295.00	\$ 472.50	\$ 9,922.50
279	ALUMINUM POLE W/SINGLE DECORATIVE ACORN 100W LED FIXTURE	JEA LDA01*14	1	EA	\$ 12,000.00	\$ 12,000.00	\$ 9,985.00	\$ 9,985.00	\$ 11,550.00	\$ 11,550.00
280	LED DOUBLE DECORATIVE ACORN PEDESTRIAN LIGHT	JEA LDDA01	90	EA	\$ 12,000.00	\$ 1,080,000.00	\$ 11,596.00	\$ 1,043,640.00	\$ 11,550.00	\$ 1,039,500.00
281	115 WATT, LED, 27' ALUMINUM POLE, SINGLE COBRA FIXTURE/WALL MOUNTED	JEA L1801T	2	EA	\$ 5,250.00	\$ 10,500.00	\$ 5,106.00	\$ 10,212.00	\$ 5,250.00	\$ 10,500.00
282	115 WATT, LED 27' ALUMINUM POLE, DOUBLE CORBA FIXTURE/WALL MOUNTED	JEA L1601DT	4	EA	\$ 6,100.00	\$ 24,400.00	\$ 5,537.00	\$ 22,148.00	\$ 6,090.00	\$ 24,360.00
283	LUMINAIRE RETRO-FIT KIT TO LED	JEA LDA01* RETRO	13	EA	\$ 2,425.00	\$ 31,525.00	\$ 750.00	\$ 9,750.00	\$ 2,415.00	\$ 31,395.00
284	LIGHT POLE ANCHOR BASE FOR JEA PLATE LDDA01 AND LAD01*4	JEA ANCBASE6	91	EA	\$ 2,000.00	\$ 182,000.00	\$ 1,000.00	\$ 91,000.00	\$ 1,995.00	\$ 181,545.00
285	LIGHT POLE ANCHOR BASE FOR 30' POLE JEA PLATES POLAL010 AND STLLE005	JEA ANCBASE2	12	EA	\$ 2,200.00	\$ 26,400.00	\$ 1,000.00	\$ 12,000.00	\$ 2,205.00	\$ 26,460.00
286	BOX, SPLICE, HEAVY DUTY CONCRETE, (HS-20-LOAD), INSIDE 16" X 24"LX24"D, COVER READS ELECTRIC	JEA BOX SP 002	111	EA	\$ 1,100.00	\$ 122,100.00	\$ 895.00	\$ 99,345.00	\$ 1,050.00	\$ 116,550.00
287	LUMINAIRE, 144W LED, SHOEBOX, 120 VAC	JEA STLLE 005	12	EA	\$ 1,575.00	\$ 18,900.00	\$ 2,496.00	\$ 29,952.00	\$ 1,575.00	\$ 18,900.00
288	POLE, ROUND ALUMINUM, 35' IN LENGTH, BASE SLOTTED FOR 4-1" ANCHOR BOLTS, FOR SHOEBOX LUMINAIRE	JEA POLAL010	12	EA	\$ 3,700.00	\$ 44,400.00	\$ 6,495.00	\$ 77,940.00	\$ 3,675.00	\$ 44,100.00
289	115W LED FIXTURE, WITHOUT BRACKET	JEA L201R	8	EA	\$ 2,310.00	\$ 18,480.00	\$ 595.00	\$ 4,760.00	\$ 2,310.00	\$ 18,480.00
290	ELBOW, PVC, CONDUIT, 1", 90-DEGREE, 36" SWEEP-RADIUS, SCH 40	JEA COD EP 004	117	EA	\$ 13.00	\$ 1,521.00	\$ 19.00	\$ 2,223.00	\$ 12.60	\$ 1,474.20
291	CONDUIT, PVC, 1" W/COUPLING ATTACHED OR ONE BELLED END	JEA COD PC 020	515	LF	\$ 11.00	\$ 5,665.00	\$ 5.00	\$ 2,575.00	\$ 10.50	\$ 5,407.50
TOTAL PART A BID (ITEM NOS. 1-291)					\$	30,336,731.35	\$	31,385,326.82	\$	25,456,249.15

TITLE:	URBAN CORE RIVERFRONT REVITALIZATION & COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR		JOHNSON BROS CORPORATION, A SOUTHLAND COMPANY	SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC	J.B. COXWELL CONTRACTING, INC.
BID NO.	CF-0043-20 (PW)				

PART B-POTABLE WATER

292	6" PVC DR-18	801.XIII.1	81	LF	\$ 20.00	\$ 1,620.00	\$ 116.00	\$ 9,396.00	\$ 50.20	\$ 4,066.20
293	6" X12" TEE- DI MJ	801.XIII.2	1	EA	\$ 450.00	\$ 450.00	\$ 191.00	\$ 191.00	\$ 913.66	\$ 913.66
294	6" GATE VALVE AND BOX- DI MJ	801.XIV.3	1	EA	\$ 950.00	\$ 950.00	\$ 1,210.00	\$ 1,210.00	\$ 1,108.47	\$ 1,108.47
295	8" PVC DR-18	801.XIII.1	53	LF	\$ 25.00	\$ 1,325.00	\$ 233.00	\$ 12,349.00	\$ 76.07	\$ 4,031.71
296	CUT AND REMOVE 8" PIPE	801.III.2.4	8	LF	\$ 100.00	\$ 800.00	\$ 266.00	\$ 2,128.00	\$ 64.94	\$ 519.52
297	CUT CAP 8" PIPE	801.III.2.2	3	EA	\$ 650.00	\$ 1,950.00	\$ 1,400.00	\$ 4,200.00	\$ 413.01	\$ 1,239.03
298	8" SOLID SLEEVE CONNECTION	801.XIV.7	2	EA	\$ 1,500.00	\$ 3,000.00	\$ 3,920.00	\$ 7,840.00	\$ 400.97	\$ 801.94
299	8" 45 DEGREE BEND- DI MJ	801.XIII.2	4	EA	\$ 450.00	\$ 1,800.00	\$ 1,071.00	\$ 4,284.00	\$ 430.10	\$ 1,720.40
300	8" GATE VALVE AND BOX- DI MJ	801.XIV.3	2	EA	\$ 1,250.00	\$ 2,500.00	\$ 1,895.00	\$ 3,790.00	\$ 1,527.57	\$ 3,055.14
301	8"X12" REDUCER- DI MJ	801.XIII.2	1	EA	\$ 450.00	\$ 450.00	\$ 890.00	\$ 890.00	\$ 542.12	\$ 542.12
302	8"X12" TEE- DI MJ	801.XIII.2	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 1,290.00	\$ 1,290.00	\$ 953.75	\$ 953.75
303	12" PVC DR-18	801.XIII.1	704	LF	\$ 30.00	\$ 21,120.00	\$ 111.00	\$ 78,144.00	\$ 40.07	\$ 28,209.28
304	12" DIP CL350	801.XIII.1	142	LF	\$ 45.00	\$ 6,390.00	\$ 206.00	\$ 29,252.00	\$ 83.10	\$ 11,800.20
305	12" SOLID SLEEVE CONNECTION- DI MJ	801.XIV.7	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 4,203.00	\$ 4,203.00	\$ 570.67	\$ 570.67
306	12" 11 1/4 DEGREE BEND- DI MJ	801.XIII.2	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 1,150.00	\$ 1,150.00	\$ 717.74	\$ 717.74
307	12" 45 DEGREE BEND- DI MJ	801.XIII.2	6	EA	\$ 2,000.00	\$ 12,000.00	\$ 1,433.00	\$ 8,598.00	\$ 746.68	\$ 4,480.08
308	12" X 12" TEE- DI MJ	801.XIII.1	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 1,511.00	\$ 1,511.00	\$ 1,148.66	\$ 1,148.66
309	12" GATE VALVE AND BOX- DI MJ	801.XIV.3	3	EA	\$ 3,500.00	\$ 10,500.00	\$ 2,849.00	\$ 8,547.00	\$ 2,718.15	\$ 8,154.45

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BID NO.	CF-0043-20	(PW)								
310	FIRE HYDRANT- DI MJ	801.XIV.1	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 3,313.00	\$ 6,626.00	\$ 3,206.89	\$ 6,413.78
311	TEMPORARY SAMPLE TAPS	801.XIII.12	3	EA	\$ 450.00	\$ 1,350.00	\$ 455.00	\$ 1,365.00	\$ 324.98	\$ 974.94
312	GROUT FILL 8" WATER MAIN	801.III.2.3	615	LF	\$ 5.00	\$ 3,075.00	\$ 30.00	\$ 18,450.00	\$ 4.74	\$ 2,915.10
313	FIRE HYDRANT REMOVAL	801.III.3	2	LS	\$ 250.00	\$ 500.00	\$ 1,025.00	\$ 2,050.00	\$ 1,095.31	\$ 2,190.62
314	12" PIPE JOINT RESTRAINTS	801.XIII.6	42	EA	\$ 450.00	\$ 18,900.00	\$ 294.00	\$ 12,348.00	\$ 498.33	\$ 20,929.86
315	6" PIPE JOINT RESTRAINTS	801.XIII.6	4	EA	\$ 150.00	\$ 600.00	\$ 180.00	\$ 720.00	\$ 91.21	\$ 364.84
316	8" PIPE JOINT RESTRAINTS	801.XIII.6	3	EA	\$ 250.00	\$ 750.00	\$ 213.00	\$ 639.00	\$ 124.60	\$ 373.80
317	16" PVCP DR-18	801.XIII.1	41	LF	\$ 100.00	\$ 4,100.00	\$ 190.00	\$ 7,790.00	\$ 142.25	\$ 5,832.25
318	16" 45 DEGREE BEND - DI MJ	801.XIII.2	4	EA	\$ 2,500.00	\$ 10,000.00	\$ 2,360.00	\$ 9,440.00	\$ 1,354.71	\$ 5,418.84
319	CUT AND REMOVE 16" PVC WM	801.III.2.4	18	LF	\$ 250.00	\$ 4,500.00	\$ 230.00	\$ 4,140.00	\$ 49.98	\$ 899.64
320	16" SOLID SLEEVE CONNECTION- DI MJ	801.XIV.7	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 4,965.00	\$ 4,965.00	\$ 1,080.68	\$ 1,080.68
TOTAL PART B BID (ITEM NOS. 292-320)					\$	123,630.00	\$	247,506.00	\$	121,427.37
PART C- POTABLE WATER										
321	12" SOLID SLEEVE CONNECTION- DI MJ	801.XIV.7	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 4,210.00	\$ 8,420.00	\$ 570.69	\$ 1,141.38
322	12" X12" TEE -DI MJ	801.XII.2	2	EA	\$ 2,500.00	\$ 5,000.00	\$ 1,535.00	\$ 3,070.00	\$ 1,148.61	\$ 2,297.22
323	12" GATE VALVE AND BOX- DI MJ	801.XIV.3	3	EA	\$ 3,500.00	\$ 10,500.00	\$ 2,850.00	\$ 8,550.00	\$ 2,718.15	\$ 8,154.45
324	12"X16" REDUCER- DI MJ	801.XIII.2	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 1,385.00	\$ 2,770.00	\$ 990.85	\$ 1,981.70
325	16" DIP CL350	801.XIII.1	1067	LF	\$ 125.00	\$ 133,375.00	\$ 169.00	\$ 180,323.00	\$ 90.88	\$ 96,968.96
326	16" PVCP DR-18	801.XIII.1	903	LF	\$ 100.00	\$ 90,300.00	\$ 128.00	\$ 115,584.00	\$ 61.41	\$ 55,453.23
327	16" SOLID SLEEVE CONNECTION- DI MJ	801.XIV.7	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 4,970.00	\$ 4,970.00	\$ 1,080.68	\$ 1,080.68

TITLE: URBAN CORE RIVERFRONT REVITALIZATION & COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR					JOHNSON BROS CORPORATION, A SOUTHLAND COMPANY		SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC		J.B. COXWELL CONTRACTING, INC.	
BID NO.	CF-0043-20 (PW)									
328	16" 11 1/4 DEGREE BEND- DI MJ	801.XIII.2	4	EA	\$ 2,500.00	\$ 10,000.00	\$ 1,755.00	\$ 7,020.00	\$ 1,358.16	\$ 5,432.64
329	16" 22 1/2 DEGREE BEND- DI MJ	801.XIII.2	2	EA	\$ 2,500.00	\$ 5,000.00	\$ 1,698.00	\$ 3,396.00	\$ 1,287.34	\$ 2,574.68
330	16" 45 DEGREE BEND - DI MJ	801.XIII.2	22	EA	\$ 2,500.00	\$ 55,000.00	\$ 2,294.00	\$ 50,468.00	\$ 1,354.71	\$ 29,803.62
331	16" 90 DEGREE BEND- DI MJ	801.XIII.2	4	EA	\$ 2,500.00	\$ 10,000.00	\$ 2,051.00	\$ 8,204.00	\$ 1,491.46	\$ 5,965.84
332	16"X16" TEE-DI MJ	801.XIII.2	2	EA	\$ 3,000.00	\$ 6,000.00	\$ 3,031.00	\$ 6,062.00	\$ 2,135.73	\$ 4,271.46
333	16" GATE VALVE AND BOX- DI MJ	801.XIV.3	3	EA	\$ 4,000.00	\$ 12,000.00	\$ 6,091.00	\$ 18,273.00	\$ 6,218.87	\$ 18,656.61
334	TEMPORARY SAMPLE TAPS	801.XIII.12	5	EA	\$ 450.00	\$ 2,250.00	\$ 443.00	\$ 2,215.00	\$ 324.99	\$ 1,624.95
335	16" PIPE JOINT RESTRAINTS	801.XIII.6	35	EA	\$ 550.00	\$ 19,250.00	\$ 500.00	\$ 17,500.00	\$ 751.88	\$ 26,315.80
336	SPECIFIED IMPORTED ROADWAY EMBANKMENT FOR BEDDING/BACKFILL	801.IV.5	560	CY	\$ 35.00	\$ 19,600.00	\$ 100.00	\$ 56,000.00	\$ 12.68	\$ 7,100.80
TOTAL PART C BID (ITEM NOS. 321-336)					\$ 389,275.00	\$ 492,825.00	\$ 268,824.02			
TOTAL BASE BID SUM PARTS A +B+C					\$ 30,849,636.35	\$ 32,125,657.82	\$ 25,846,500.54			
					PRICING CORRECTED	**PRICING CORRECTED**				
					NOT PRE-QUALIFIED WITH CITY IN THE HORIZONTAL CATEGORY PER ITB					
CONFLICT OF INTEREST:					YES	YES	YES			
BID BOND:					YES	YES	YES			
STATE FORMS:					YES	YES	YES			
LICENSED SUBS:					YES	YES	YES			
ADDENDUMS (1,2,3,4,5,6,7,8,9) ACKNOWLEDGED:					YES	YES	YES			

URBAN CORE RIVERFRONT REVITALIZATION & COMPLETE STREETS: HART BRIDGE EXPRESSWAY & TALLEYRAND CONNECTOR				JOHNSON BROS CORPORATION, A SOUTHLAND COMPANY		SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC		J.B. COXWELL CONTRACTING, INC.	
TITLE:									
BID NO. CF-0043-20 (PW)									

PART B-POTABLE WATER

292	6" PVC DR-18	801.XIII.1	81	LF	\$ 20.00	\$ 1,620.00	\$ 116.00	\$ 9,396.00	\$ 50.20	\$ 4,066.20
293	6" X12" TEE- DI MJ	801.XIII.2	1	EA	\$ 450.00	\$ 450.00	\$ 191.00	\$ 191.00	\$ 913.66	\$ 913.66
294	6" GATE VALVE AND BOX- DI MJ	801.XIV.3	1	EA	\$ 950.00	\$ 950.00	\$ 1,210.00	\$ 1,210.00	\$ 1,108.47	\$ 1,108.47
295	8" PVC DR-18	801.XIII.1	53	LF	\$ 25.00	\$ 1,325.00	\$ 233.00	\$ 12,349.00	\$ 76.07	\$ 4,031.71
296	CUT AND REMOVE 8" PIPE	801.III.2.4	8	LF	\$ 100.00	\$ 800.00	\$ 266.00	\$ 2,128.00	\$ 64.94	\$ 519.52
297	CUT CAP 8" PIPE	801.III.2.2	3	EA	\$ 650.00	\$ 1,950.00	\$ 1,400.00	\$ 4,200.00	\$ 413.01	\$ 1,239.03
298	8" SOLID SLEEVE CONNECTION	801.XIV.7	2	EA	\$ 1,500.00	\$ 3,000.00	\$ 3,920.00	\$ 7,840.00	\$ 400.97	\$ 801.94
299	8" 45 DEGREE BEND- DI MJ	801.XIII.2	4	EA	\$ 450.00	\$ 1,800.00	\$ 1,071.00	\$ 4,284.00	\$ 430.10	\$ 1,720.40
300	8" GATE VALVE AND BOX- DI MJ	801.XIV.3	2	EA	\$ 1,250.00	\$ 2,500.00	\$ 1,895.00	\$ 3,790.00	\$ 1,527.57	\$ 3,055.14
301	8"X12" REDUCER- DI MJ	801.XIII.2	1	EA	\$ 450.00	\$ 450.00	\$ 890.00	\$ 890.00	\$ 542.12	\$ 542.12
302	8"X12" TEE- DI MJ	801.XIII.2	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 1,290.00	\$ 1,290.00	\$ 953.75	\$ 953.75
303	12" PVC DR-18	801.XIII.1	704	LF	\$ 30.00	\$ 21,120.00	\$ 111.00	\$ 78,144.00	\$ 40.07	\$ 28,209.28
304	12" DIP CL350	801.XIII.1	142	LF	\$ 45.00	\$ 6,390.00	\$ 206.00	\$ 29,252.00	\$ 83.10	\$ 11,800.20
305	12" SOLID SLEEVE CONNECTION- DI MJ	801.XIV.7	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 4,203.00	\$ 4,203.00	\$ 570.67	\$ 570.67
306	12" 11 1/4 DEGREE BEND- DI MJ	801.XIII.2	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 1,150.00	\$ 1,150.00	\$ 717.74	\$ 717.74
307	12" 45 DEGREE BEND- DI MJ	801.XIII.2	6	EA	\$ 2,000.00	\$ 12,000.00	\$ 1,433.00	\$ 8,598.00	\$ 746.68	\$ 4,480.08
308	12" X 12" TEE- DI MJ	801.XIII.1	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 1,511.00	\$ 1,511.00	\$ 1,148.66	\$ 1,148.66
309	12" GATE VALVE AND BOX- DI MJ	801.XIV.3	3	EA	\$ 3,500.00	\$ 10,500.00	\$ 2,849.00	\$ 8,547.00	\$ 2,718.15	\$ 8,154.45
310	FIRE HYDRANT- DI MJ	801.XIV.1	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 3,313.00	\$ 6,626.00	\$ 3,206.89	\$ 6,413.78
311	TEMPORARY SAMPLE TAPS	801.XIII.1 2	3	EA	\$ 450.00	\$ 1,350.00	\$ 455.00	\$ 1,365.00	\$ 324.98	\$ 974.94
312	GROUT FILL 8" WATER MAIN	801.III.2.3	615	LF	\$ 5.00	\$ 3,075.00	\$ 30.00	\$ 18,450.00	\$ 4.74	\$ 2,915.10
313	FIRE HYDRANT REMOVAL	801.III.3	2	LS	\$ 250.00	\$ 500.00	\$ 1,025.00	\$ 2,050.00	\$ 1,095.31	\$ 2,190.62
314	12" PIPE JOINT RESTRAINTS	801.XIII.6	42	EA	\$ 450.00	\$ 18,900.00	\$ 294.00	\$ 12,348.00	\$ 498.33	\$ 20,929.86
315	6" PIPE JOINT RESTRAINTS	801.XIII.6	4	EA	\$ 150.00	\$ 600.00	\$ 180.00	\$ 720.00	\$ 91.21	\$ 364.84
316	8" PIPE JOINT RESTRAINTS	801.XIII.6	3	EA	\$ 250.00	\$ 750.00	\$ 213.00	\$ 639.00	\$ 124.60	\$ 373.80
317	16" PVC DR-18	801.XIII.1	41	LF	\$ 100.00	\$ 4,100.00	\$ 190.00	\$ 7,790.00	\$ 142.25	\$ 5,832.25
318	16" 45 DEGREE BEND - DI MJ	801.XIII.2	4	EA	\$ 2,500.00	\$ 10,000.00	\$ 2,360.00	\$ 9,440.00	\$ 1,354.71	\$ 5,418.84
319	CUT AND REMOVE 16" PVC WM	801.III.2.4	18	LF	\$ 250.00	\$ 4,500.00	\$ 230.00	\$ 4,140.00	\$ 49.98	\$ 899.64
320	16" SOLID SLEEVE CONNECTION- DI MJ	801.XIV.7	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 4,965.00	\$ 4,965.00	\$ 1,080.68	\$ 1,080.68
TOTAL PART B BID (ITEM NOS. 292-320)					\$ 123,630.00	\$ 247,506.00	\$ 247,506.00	\$ 121,427.37	\$ 121,427.37	\$ 121,427.37

PART C- POTABLE WATER

321	12" SOLID SLEEVE CONNECTION- DI MJ	801.XIV.7	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 4,210.00	\$ 8,420.00	\$ 570.69	\$ 1,141.38
322	12" X12" TEE -DI MJ	801.XII.2	2	EA	\$ 2,500.00	\$ 5,000.00	\$ 1,535.00	\$ 3,070.00	\$ 1,148.61	\$ 2,297.22
323	12" GATE VALVE AND BOX- DI MJ	801.XIV.3	3	EA	\$ 3,500.00	\$ 10,500.00	\$ 2,850.00	\$ 8,550.00	\$ 2,718.15	\$ 8,154.45
324	12"X16" REDUCER- DI MJ	801.XIII.2	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 1,385.00	\$ 2,770.00	\$ 990.85	\$ 1,981.70
325	16" DIP CL350	801.XIII.1	1067	LF	\$ 125.00	\$ 133,375.00	\$ 169.00	\$ 180,323.00	\$ 90.88	\$ 96,968.96
326	16" PVC DR-18	801.XIII.1	903	LF	\$ 100.00	\$ 90,300.00	\$ 128.00	\$ 115,584.00	\$ 61.41	\$ 55,453.23
327	16" SOLID SLEEVE CONNECTION- DI MJ	801.XIV.7	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 4,970.00	\$ 4,970.00	\$ 1,080.68	\$ 1,080.68
328	16" 11 1/4 DEGREE BEND- DI MJ	801.XIII.2	4	EA	\$ 2,500.00	\$ 10,000.00	\$ 1,755.00	\$ 7,020.00	\$ 1,358.16	\$ 5,432.64
329	16" 22 1/2 DEGREE BEND- DI MJ	801.XIII.2	2	EA	\$ 2,500.00	\$ 5,000.00	\$ 1,698.00	\$ 3,396.00	\$ 1,287.34	\$ 2,574.68
330	16" 45 DEGREE BEND - DI MJ	801.XIII.2	22	EA	\$ 2,500.00	\$ 55,000.00	\$ 2,294.00	\$ 50,468.00	\$ 1,354.71	\$ 29,803.62
331	16" 90 DEGREE BEND- DI MJ	801.XIII.2	4	EA	\$ 2,500.00	\$ 10,000.00	\$ 2,051.00	\$ 8,204.00	\$ 1,491.46	\$ 5,965.84
332	16"X16" TEE-DI MJ	801.XIII.2	2	EA	\$ 3,000.00	\$ 6,000.00	\$ 3,031.00	\$ 6,062.00	\$ 2,135.73	\$ 4,271.46
333	16" GATE VALVE AND BOX- DI MJ	801.XIV.3 801.XIII.1	3	EA	\$ 4,000.00	\$ 12,000.00	\$ 6,091.00	\$ 18,273.00	\$ 6,218.87	\$ 18,656.61
334	TEMPORARY SAMPLE TAPS	2	5	EA	\$ 450.00	\$ 2,250.00	\$ 443.00	\$ 2,215.00	\$ 324.99	\$ 1,624.95
335	16" PIPE JOINT RESTRAINTS	801.XIII.6	35	EA	\$ 550.00	\$ 19,250.00	\$ 500.00	\$ 17,500.00	\$ 751.88	\$ 26,315.80
336	SPECIFIED IMPORTED ROADWAY EMBANKMENT FOR BEDDING/BACKFILL	801.IV.5	560	CY	\$ 35.00	\$ 19,600.00	\$ 100.00	\$ 56,000.00	\$ 12.68	\$ 7,100.80
TOTAL PART C BID (ITEM NOS. 321-336)					\$ 389,275.00	\$ 492,825.00	\$ 492,825.00	\$ 268,824.02	\$ 268,824.02	\$ 268,824.02

Total \$ 390,251.39



Formal Bid and Award System

Award #3 February 3, 2022

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Request #: 6877
Requestor Name: Hightower, Justin
Requestor Phone: (904) 665-8357
Project Title: JEA Heavy Duty Vehicle Procurement Acquisition
FY22 Project Numbers: 8007352
FY23 Project Numbers: TBD
Project Location: JEA
Funds: Capital
Budget Estimate: \$2,054,000.00

Scope of Work:

The purpose of this Invitation to Negotiate (the "ITN") was to solicit pricing for the purchase of eleven (11) heavy duty vehicles for JEA's FY22 and FY23 requirements. This purchase is for planned and budgeted replacement of JEA's Fleet Water (Water Replacement – 1 units) and Electric (Electric Replacement – 8 units) assets along with expansion units for JEA's Fleet Water (Water Expansion - 2 Units) associated with the Fleet Capital Procurement Plan.

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

Purchasing Agent: Pearson, Kenny
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Amount
CUMBERLAND INTERNATIONAL TRUCKS OF FLORIDA, LLC	Michael O'Brien	mobrien@cltte.com	2110 S Division Avenue, Orlando, FL 32805	\$810,096.17
KENWORTH OF JACKSONVILLE	Ed Costello	edcostello@kwjax.com	1121 Suemac Road, Jacksonville, FL 32254	\$460,888.00
ORLANDO FREIGHTLINER	Eamon Kealy	EKealy@orlandofreightliner.com	2455 S Orange Blossom Trail, Apopka, FL 32703	\$1,001,043.00

Amount for entire term of Contract/PO: \$2,272,027.17
Award Amount for remainder of this FY: \$918,016.86
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 02/04/2022
End Date (mm/dd/yyyy): Project Completion
JSEB Requirement: N/A – No JSEBs available

BIDDERS:

Name	Original Amount	BAFO Amount	Proposed Award Amount
CUMBERLAND INTERNATIONAL TRUCKS OF FLORIDA, LLC	\$1,487,152.32	\$1,487,152.32	\$810,096.17
KENWORTH OF JACKSONVILLE, INC.	\$1,644,636.00	\$1,805,653.00	\$460,888.00
ORLANDO FREIGHTLINER	\$1,126,547.00	\$1,126,547.00	\$1,001,043.00
NEXTRAN TRUCK CENTERS JACKSONVILLE	\$343,932.00	\$348,932.00*	\$0.00
ALTEC INDUSTRIES, INC.	\$134,920.00	\$134,920.00	\$0.00
RING POWER CORPORATION	\$1,384,697.00	\$1,384,697.00	\$0.00

*Nexan Truck Centers Jacksonville's BAFO was \$5,000 higher than their initial bid as they received Cab and Chassis manufacturer price increases after the first round and before the second round. In lieu of a later change order request, they submitted a price increase of the bid price. This did not impact the bid.

Background/Recommendations:

Advertised 10/20/2021. Eight (8) companies attended the mandatory pre-response meeting on 10/25/2021. At the Response opening on 11/23/2021, JEA received six (6) Responses.

The solicitation was processed as an ITN given the complexity of the work found within the solicitation, as this was a fleet capital solicitation that involved complex technical requirements. The basis of award is to the contract to the highest ranked Respondent for each heavy duty vehicle groupings included in this solicitation, and companies were encouraged to bid multiple groupings for efficiency purposes. On 12/10/2021, negotiations were held with the six (6) shortlisted companies, Cumberland International Trucks, Kenworth of Jacksonville, Inc., Nextran Truck Centers Jacksonville, Orlando Freightliner, Altec Industries Inc., and Ring Power Corporation. After the Best and Final Offers (BAFO) were submitted, Orlando Freightliner, Cumberland International Trucks, and Orlando Freightliner were deemed the lowest cost responsible and responsive Respondents for the heavy duty vehicle groupings included in this solicitation.

Vehicle Grouping	Vehicles	Previous Pricing	Proposed Awardee	Proposed Award
Group 1	Truck 3 Ton Utility 11'	N/A*	Cumberland International Trucks	\$120,818.34
Group 2	Truck 3 Ton Cargo Reel	\$602,345.00	Orlando Freightliner	\$680,495.00
Group 3	Truck 5 Ton Cargo Reel	\$518,328.00	Kenworth of Jacksonville, Inc.,	\$460,888.00
Group 4	Truck 5 Ton Dump 19 Cubic Yard	\$317,522.00	Orlando Freightliner	\$320,548.00
Group 5	Truck 8 Ton / Crane 50 Ton 120 Foot	N/A**	Cumberland International Trucks	\$689,277.83

*The last time purchased was 2009 **We have never purchased over a 38 Ton Crane

When comparing JEA's past pricing to the proposed winning supplier, JEA's new pricing will on average be 1.4%, or \$20,297.15 higher on Groupings 2, 3, and 4 based on current market conditions. This percentage

was determined by taking the last price paid and comparing those prices to the quoted unit prices found within this solicitation. We have excluded groupings 1 due to the item has not been purchased since 2009 along with excluding grouping 5 as it has never been purchased before and the closest item was a considerably different 38 Ton Crane in 2008.

Request approval to award a contract to Orlando Freightliner (\$1,001,043.00), Cumberland International Trucks of Florida, LLC (\$810,096.17), and Kenworth of Jacksonville Inc. (\$460,888.00), for the purchase of eleven (11) vehicles within the vehicles for JEA's FY22 and FY23 heavy duty fleet capital requirements, for a total not-to-exceed amount of \$2,272,027.17, subject to the availability of lawfully appropriated funds.

Manager: Hightower, Justin – Manager, Fleet Services

VP: McElroy, Alan – VP of Supply Chain and Operations Support

APPROVALS:

Chairman, Awards Committee **Date**

Budget Representative **Date**

AWARD CATEGORY	Fiscal Year	DESCRIPTION	QTY	Supplier Name
1	FY23	TRUCK 3 T UTILITY 11'	1.00	ALTEC INDUSTRIES INC
1	FY23	TRUCK 3 T UTILITY 11'	1.00	CUMBERLAND INTERNATIONAL TRUCKS
1	FY23	TRUCK 3 T UTILITY 11'	1.00	KENWORTH OF JACKSONVILLE, INC.
1	FY23	TRUCK 3 T UTILITY 11'	1.00	ORLANDO FREIGHTLINTER
1	FY23	TRUCK 3 T UTILITY 11'	1.00	RING POWER CORPORATION
AWARD CATEGORY	Fiscal Year	DESCRIPTION	QTY	Supplier Name
2	FY23	TRUCK 3 T CARGO REEL	5.00	CUMBERLAND INTERNATIONAL TRUCKS
2	FY23	TRUCK 3 T CARGO REEL	5.00	ORLANDO FREIGHTLINTER
AWARD CATEGORY	Fiscal Year	DESCRIPTION	QTY	Supplier Name
3	FY23	TRUCK 5 T CARGO REEL	2.00	KENWORTH OF JACKSONVILLE, INC.
3	FY23	TRUCK 5 T CARGO REEL	2.00	RING POWER CORPORATION
AWARD CATEGORY	Fiscal Year	DESCRIPTION	QTY	Supplier Name
4	FY22	TRUCK 5 T DUMP 19 CYD	2.00	KENWORTH OF JACKSONVILLE, INC.
4	FY22	TRUCK 5 T DUMP 19 CYD	2.00	NEXTRAN TRUCK CENTERS JACKSONVILLE
4	FY22	TRUCK 5 T DUMP 19 CYD	2.00	ORLANDO FREIGHTLINTER

AWARD CATEGORY	Fiscal Year	DESCRIPTION	QTY	Supplier Name
5	FY23	TRUCK 8 T CRANE/50 T 120'	1.00	CUMBERLAND INTERNATIONAL TRUCKS
5	FY23	TRUCK 8 T CRANE/50 T 120'	1.00	KENWORTH OF JACKSONVILLE, INC.
5	FY23	TRUCK 8 T CRANE/50 T 120'	1.00	RING POWER CORPORATION
Grand Total			11.00	

ALTEC INDUSTRIES INC
CUMBERLAND INTERNATIONAL TRUCKS
KENWORTH OF JACKSONVILLE, INC.
NEXTRAN TRUCK CENTERS JACKSONVILLE
ORLANDO FREIGHTLINER
RING POWER CORPORATION
Previous Award
Award NTE
FY22 Cash Flow
FY23 Cash Flow
Budget Estimate
Estimated Savings
BAFO Savings

Budget Estimate EXT	Previous Pricing	Previous Pricing EXT	Round 1 Unit Price	Round 1 Price Ext
			\$134,920.00	\$134,920.00
\$125,000.00			\$120,818.34	\$120,818.34
			\$161,017.00	\$161,017.00
			\$125,504.00	\$125,504.00
			\$135,562.00	\$135,562.00
Budget Estimate EXT	Previous Pricing	Previous Pricing EXT	Round 1 Unit Price	Round 1 Price Ext

			\$135,411.23	\$677,056.15
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\$635,000.00	\$120,469.00	\$602,345.00	\$136,099.00	\$680,495.00
Budget Estimate EXT	Previous Pricing	Previous Pricing EXT	Round 1 Unit Price	Round 1 Price Ext
\$360,000.00	\$259,164.00	\$518,328.00	\$230,444.00	\$460,888.00
			\$257,460.00	\$514,920.00
Budget Estimate EXT	Previous Pricing	Previous Pricing EXT	Round 1 Unit Price	Round 1 Price Ext
			\$198,434.00	\$396,868.00
			\$171,966.00	\$343,932.00
\$334,000.00	\$158,761.00	\$317,522.00	\$160,274.00	\$320,548.00

Budget Estimate EXT	Previous Pricing	Previous Pricing EXT	Round 1 Unit Price	Round 1 Price Ext
\$600,000.00			\$689,277.83	\$689,277.83
			\$786,880.00	\$786,880.00
			\$734,215.00	\$734,215.00

Original	Bafo	Delta in \$	Delta in %	Award Amount
\$134,920.00	\$134,920.00	\$0.00	0.0%	\$0.00
\$1,487,152.32	\$1,487,152.32	\$0.00	0.0%	\$810,096.17
\$1,644,636.00	\$1,644,636.00	\$0.00	0.0%	\$460,888.00
\$343,932.00	\$348,932.00	-\$5,000.00	1.5%	\$0.00
\$1,126,547.00	\$1,126,547.00	\$0.00	0.0%	\$1,001,043.00
\$1,384,697.00	\$1,384,697.00	\$0.00	0.0%	\$ -
\$1,438,195.00	\$1,458,492.15	-\$20,297.15	1.4%	
				\$2,272,027.17
				\$320,548.00
				\$1,951,479.17
				\$2,054,000.00
			1.4%	-\$20,297.15
			0.0%	\$0.00

Bafo Unit Price	BAFO Ext	Total Score	Price Score	Evaluated Score	BAFO Reduction in \$
\$ 134,920.00	\$ 134,920.00	89.13%	53.00%	36.13%	\$0.00
\$ 120,818.34	\$ 120,818.34	92.53%	60.00%	32.53%	\$0.00
\$ 161,017.00	\$ 161,017.00	73.59%	40.04%	33.55%	\$0.00
\$ 125,504.00	\$ 125,504.00	92.43%	57.67%	34.76%	\$0.00
\$ 135,562.00	\$ 135,562.00	88.74%	52.68%	36.07%	\$0.00
Bafo Unit Price	BAFO Ext	Total Score	Price Score	Evaluated Score	BAFO Reduction in \$
\$ 135,411.23	\$ 677,056.15	92.53%	60.00%	32.53%	\$0.00
\$ 136,099.00	\$ 680,495.00	94.46%	59.70%	34.76%	\$0.00
Bafo Unit Price	BAFO Ext	Total Score	Price Score	Evaluated Score	BAFO Reduction in \$
\$ 230,444.00	\$ 460,888.00	93.55%	60.00%	33.55%	\$0.00
\$ 257,460.00	\$ 514,920.00	89.03%	52.97%	36.07%	\$0.00
Bafo Unit Price	BAFO Ext	Total Score	Price Score	Evaluated Score	BAFO Reduction in \$
\$ 198,434.00	\$ 396,868.00	79.26%	45.71%	33.55%	\$0.00
\$ 174,466.00	\$ 348,932.00	85.27%	54.69%	30.58%	-\$5,000.00
\$ 160,274.00	\$ 320,548.00	94.76%	60.00%	34.76%	\$0.00

Total Savings in \$	Total Savings in % (increase is +)
------------------------	---

Total Savings in \$	Total Savings in % (increase is +)
------------------------	---

-\$78,150.00 13%

Total Savings in \$	Total Savings in % (increase is +)
------------------------	---

\$57,440.00 -11%

Total Savings in \$	Total Savings in % (increase is +)
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-\$3,026.00 1%

Total Savings in \$	Total Savings in % (increase is +)
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Formal Bid and Award System

Award #4 February 3, 2022

Type of Award Request: SINGLE SOURCE
Requestor Name: Tim Meyer – Construction Specialist
Requestor Phone: 904-665-4871
Project Title: N01 CFB HRA Impulse Cleaning System
Project Number: 8007167
Project Location: JEA
Funds: Capital
Budget Estimate: \$434,283.00

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).

JEA IFB/RFP/State/City/GSA#: N/A
Purchasing Agent: Lovgren, Rodney
Is this a ratification?: YES

If yes, explain:

A \$10,000.00 purchase order was placed for the Supplier to book the order and to place materials orders to support Unit 1’s upcoming March outage. Should JEA not proceed with the Award, JEA will be subject up to the \$10,000.00 cancellation for any materials that cannot be reassigned to other 3RD party projects.

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	\$434,283.00

Amount for entire term of Contract/PO: \$434,283.00
Award Amount for remainder of this FY: \$434,283.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 01/26/2022
End Date (mm/dd/yyyy): Project Completion (installation complete 3/30/2022)
JSEB Requirement: N/A – Single Source

Background/Recommendations:

JEA previously awarded Sole Source Purchase Order to PowerPlus Cleaning for a single system which was slated for Unit 1 05/07/2020. Due to outage & installation considerations, the unit was installed on Unit 2. This award is for a second (duplicate system) which will be installed on Unit 1. The previous award discusses corrective maintenance issues (cost and labor) associated with sootblowers CFB's. The previous award is attached as backup.

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 and design using ethylene gas and compressed air with few moving parts. The other system is more complex and requires mixing of natural gas, pure oxygen and pure nitrogen under extremely high pressure, has a higher installation cost, operates at higher pressures and presents higher risk to personnel. Feedback from other customers indicate satisfaction with the PowerPlus system. JEA is choosing to move forward without a competitive bid due to the extensive vetting of both systems and the result showing the lower costs and safer option. It also reduces the maintenance costs by choosing the same unit that was previously bought for Unit 2.

At full load operation, every one-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. Totaling this with the potential 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 \$31k per detonator. The previous system (also 14 units) was delivered at \$419,503.00. This order is \$14,790.00 higher, considering the market and previous project price, pricing is deemed reasonable.

Request approval to award a contract to PowerPlus Cleaning Systems for a NGS N01 CFB HRA Impulse Cleaning System in the amount of \$434,283.00, subject to the availability of lawfully appropriated funds.

Manager: Akrayi, Jamila R. - Mgr Project Management

Director: Limbaugh, Margaret Z. - Dir Energy Project Management
VP: Erixton, Ricky. - VP/GM Energy

APPROVALS:

Chairman, Awards Committee **Date**

Budget Representative **Date**



January 20, 2022

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

Subj: IMPULSE® Cleaning System Recommendation-Unit 1 Boiler

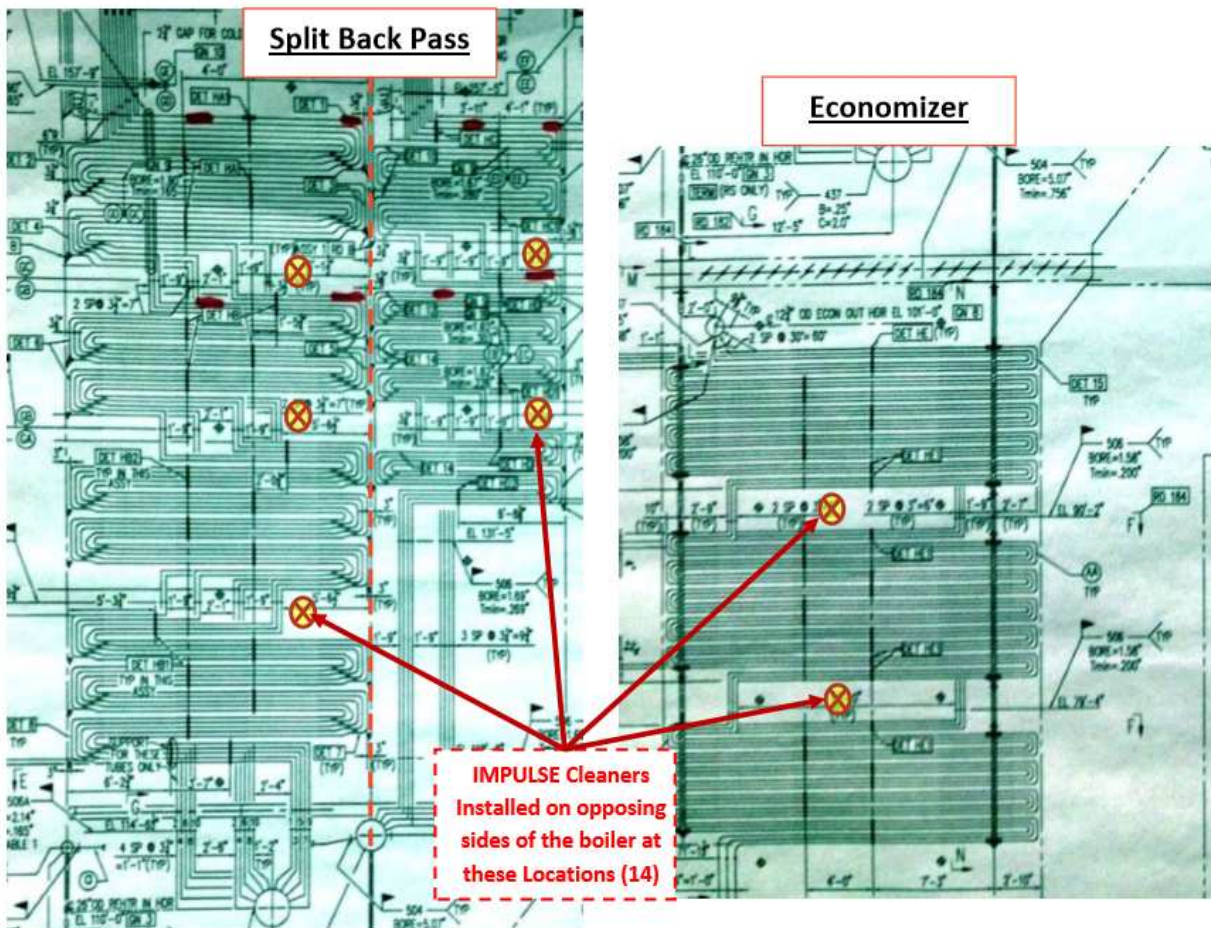
Attn: Tim Meyers

Dear Mr. Meyers;

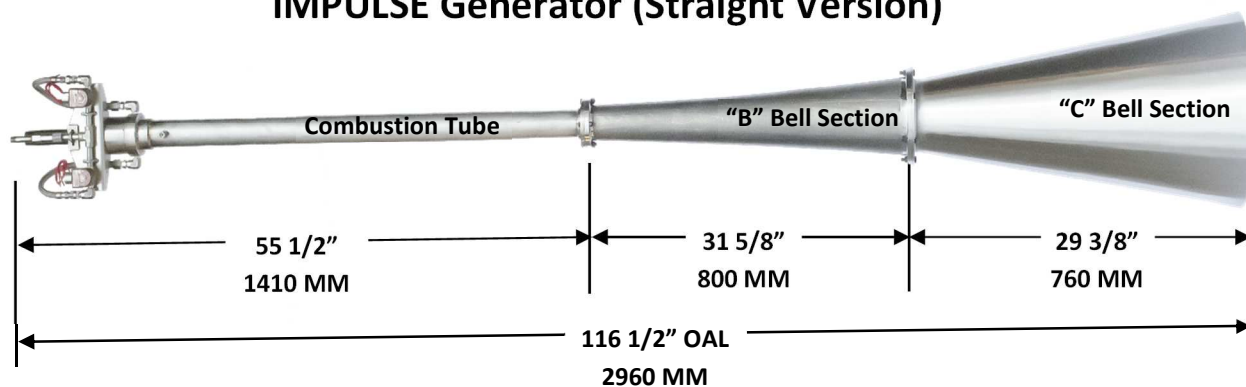
In response to your recent request, please accept the following **updated** proposal with pricing for the IMPULSE Cleaning System to be installed on your unit 1 CFB Boiler.

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)

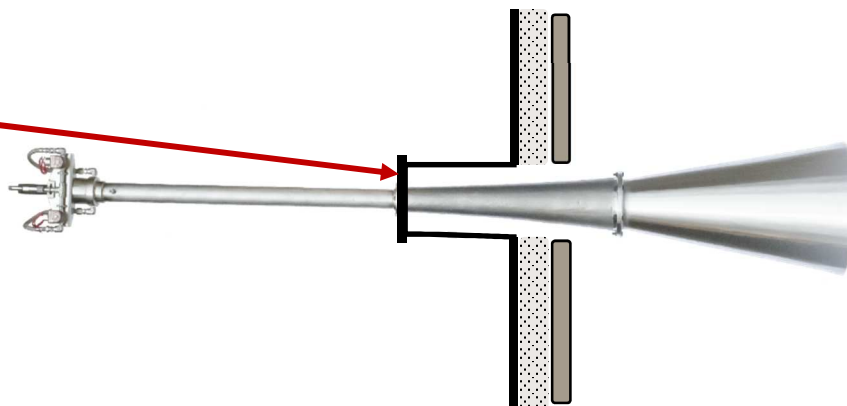


Proposed Installation Arrangement-Backed through Soot Blower Opening

Utilize our standard mounting tube assembly welded to the sidewall over the existing soot blower port, back the middle bell section through vessel wall and bolt the bell section into place onto the mounting plate that mates with the tube flange.



"Standard" Mounting
Tube/Flange
Part # 823-0128



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

Buttons: 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: psi

Arming Delay: Sec (3-10)

Prefire Signal: Sec (5-60)

System Monitoring

Current Fuel: psi

Commands

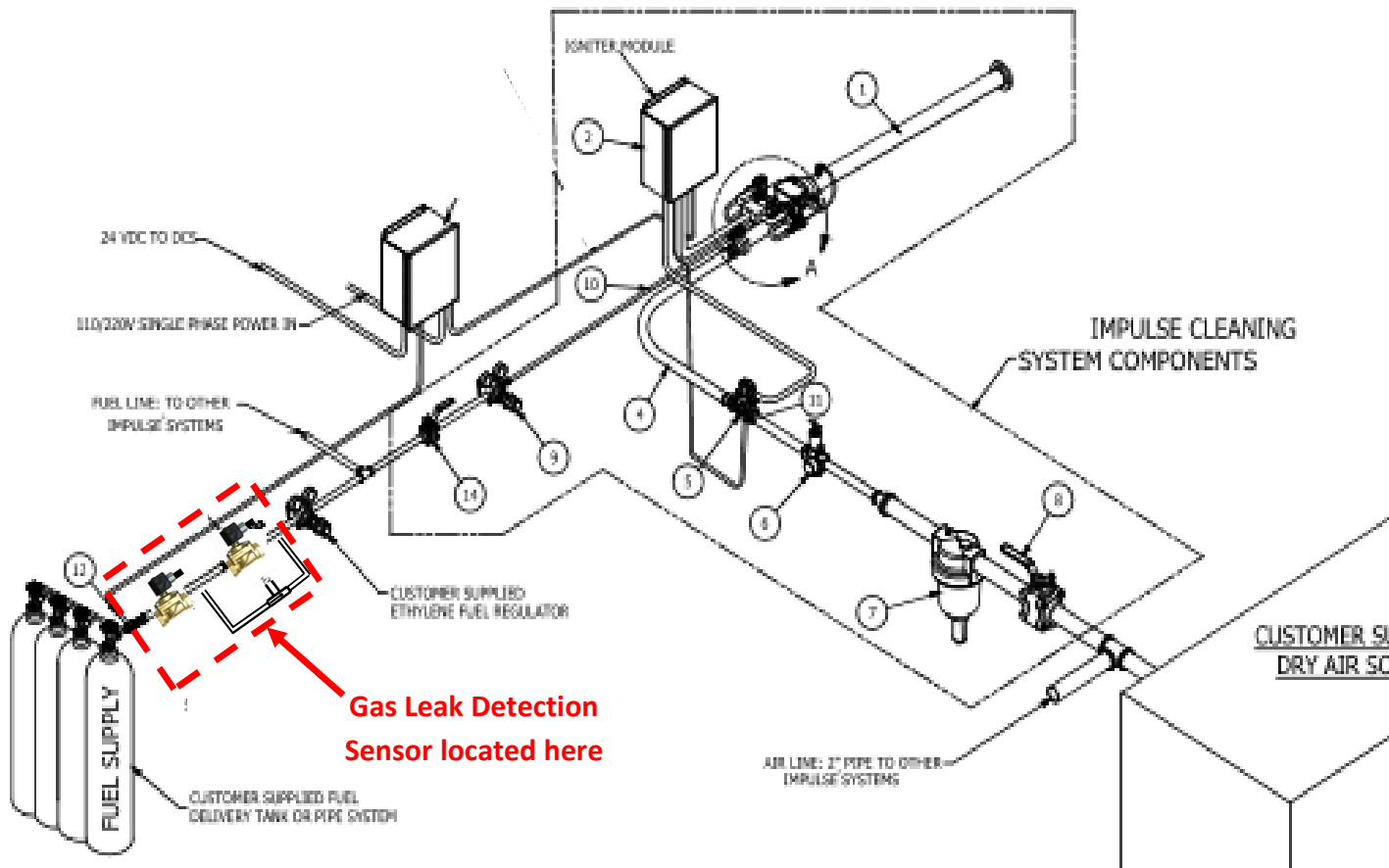
System Active

Ack All

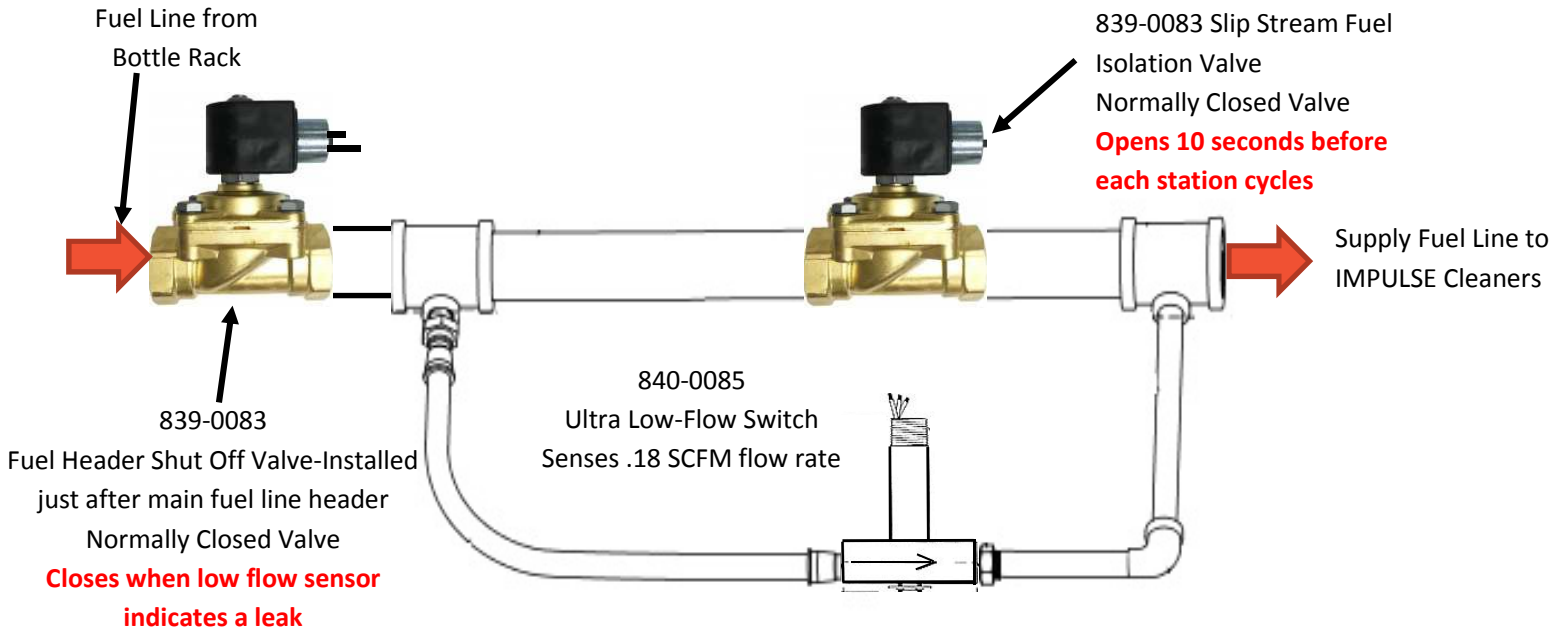
Mode

Timer
 Trigger

IMPULSE System Configuration



Gas Leak Detection Sensor Kit 840-0080



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)	\$17,950.00	\$251,300.00
14	840-0004	Igniter Control Module	\$7,760.00	\$108,640.00
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 and fuel Leak detection)				\$359,940.00
Main CPU Controller with Leak Detection Circuit (Can Control up to 20 IMPULSE Cleaning Systems)				
1	840-0003	IMPULSE Cleaner CPU Main Controller	\$11,450.00	\$11,450.00
1	840-0080	Fuel Leak Detection Kit (includes Low flow switch, safety valves)	\$ 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				\$375,583.00

Additional Required Mounting Components				
14	823-1322	Bell B-Section; Cast 310 Stainless Steel	\$ 1,330.00	\$18,620.00
14	TBD	Bell C-section, 310 Stainless Steel-Modified with additional bracing and supports and ceramic coated	\$1,720.00	\$24,080.00
14	823-0128	Mounting Tube/Flange Carbon Steel, 9" dia.	\$ 450.00	\$ 6,300.00
Total System Pricing with Mounting Components				\$424,583.00

Terms and Conditions for Purchase

- 1) Based on current inventory levels, these parts can ship in approximately 4-6 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,

A handwritten signature in black ink that reads "Vince Barreto". The signature is fluid and cursive, with the first name "Vince" and last name "Barreto" clearly legible.

Vince Barreto
PowerPlus Cleaning Systems

Certification of Single Source or Emergency Procurement

Please use this form to certify a Single Source or Emergency Procurement complies with the requirements of the JEA Procurement Code. The JEA Procurement Code defines a Single Source and Emergency Procurement as follows:

3-112 Single Source

A Contract may be awarded for Supplies or Services as a Single Source when, pursuant to the Operational Procedures, the Chief Procurement Officer determines that:

- (a) there is only one justifiable source for the required Supplies or Services;
- (b) the Supplies or Services must be a certain type, brand, make or manufacturer due to the criticality of the item or compatibility within a JEA utility system, and such Supplies or Services may not be obtained from multiple sources such as distributors;
- (c) the Services are a follow-up of Services that may only be done efficiently and effectively by the Vendor that rendered the initial Services to JEA, provided the Procurement of the initial Services was competitive;
- (d) at the conclusion of a Pilot Project under Section 3-118 of this Code, the Procurement of Supplies or Services tested during the Pilot Project, provided the Vendor was competitively selected for the Pilot Project.

3-113 Emergency Procurements

In the event of an Emergency, the Chief Procurement Officer may make or authorize an Emergency Procurement, provided that Emergency Procurements shall be made with as much competition as practicable under the circumstances. A written Determination of the basis for the Emergency and for the selection of the particular Vendor shall be included in the Procurement file.

For purposes of this Section 3-113, an "Emergency" means any one of the following:

- (a) a reasonably unforeseen breakdown in machinery;
- (b) an interruption in the delivery of an essential governmental service or the development of a circumstance causing a threatened curtailment, diminution, or termination of an essential service;
- (c) the development of a dangerous condition causing an immediate danger to the public health, safety, or welfare or other substantial loss to JEA;
- (d) an immediate danger of loss of public or private property;
- (e) the opportunity to secure significant financial gain, to avoid delays to any Governmental Entity or avoid significant financial loss through immediate or timely action; or (f) a valid public emergency certified by the Chief Executive Officer.

Please provide the following information:

1. Vendor Name:

____ PowerPlus Cleaning Systems _____

2. Description of Services or Supplies provide by Vendor:

____ IMPULSE Cleaning System, Supply system for installation on the NGS N01 CFB Boiler, as is installed on N02 Boiler... Installation by others (GC Contract).. _____

3. **Certification:**

I the undersigned certify that to the best of my knowledge, no JEA employee has, either directly or indirectly, a financial interest in this Single Source Emergency Procurement, and

I the undersigned certify that this procurement meets the requirements of a (choose one of the following):

X **Single Source Procurement.** Please state which subsection of Section 3-112 above applies to this Single Source Procurement: System (14 Impulse cleaners) installed on NGS N02 Boiler in 2021 and has proven the efficacies as desired on the cleanliness of the HRA instead of the original designed soot blower system. The PowerPlus system allows for less piping supply to the cleaners then other designed Impulse systems on the market. The PowerPlus system was Awarded when before the Awards committee in 2020 for installation on NGS N02. The N02 installation was designed to accommodate for the future installation of the N01 boiler. _____

OR

Emergency Procurement - Please state which subsection of Section 3-113 above applies to this Emergency Procurement: _____



Signature of JEA Business Unit Manager



Date

This certification shall be attached to the Purchase Order when it is routed for approval. A Single Source or Emergency Procurement shall be reported to the JEA Board in accordance with Section 1-110 of the JEA Procurement Code.

TECHNICAL MEMORANDUM

Index Number 060-211 – N01 CFB HRA Impulse Cleaning System Installation (\$1,099,810)

PREPARED FOR: Capital Budget Planning

PREPARED BY: David Biruk

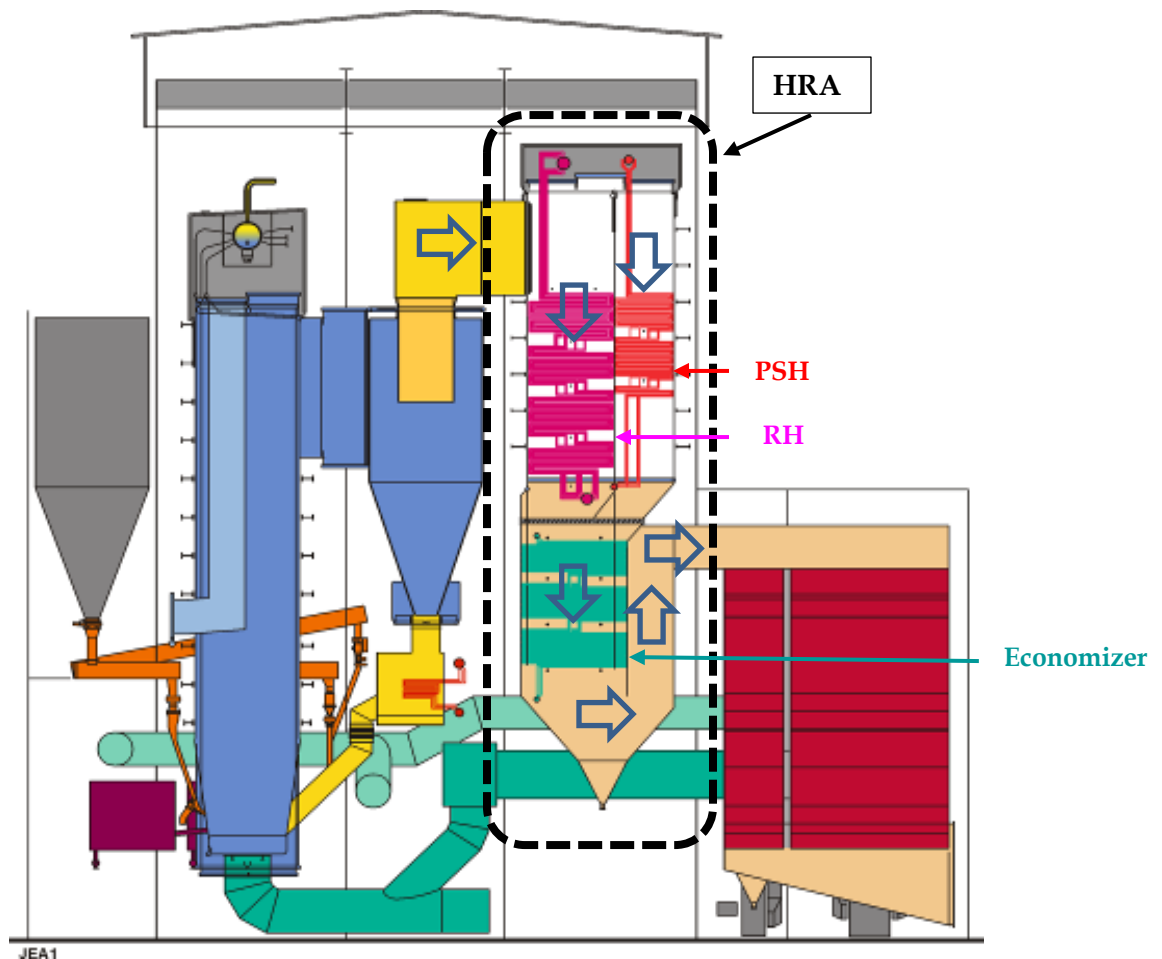
DATE: 1/7/2021

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 2 years.

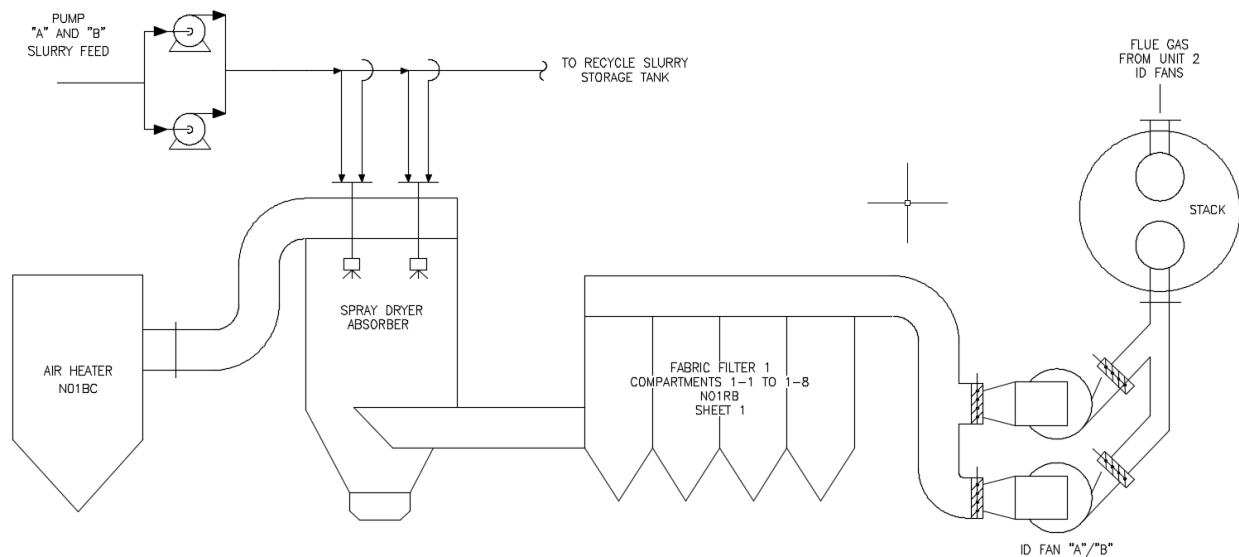
Introduction & Background

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 at full load. Our unit currently runs with an average air heater outlet temperature of approximately 315F at full load. 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 at full load. 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. The system was installed on N02 in the fall of FY21. The system is still in the tuning and testing phase but early indications are positive. 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.

Besides 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 \$25K/year would result in up to \$895K/year of cost savings resulting in an ROI of less than 2 years.

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 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.

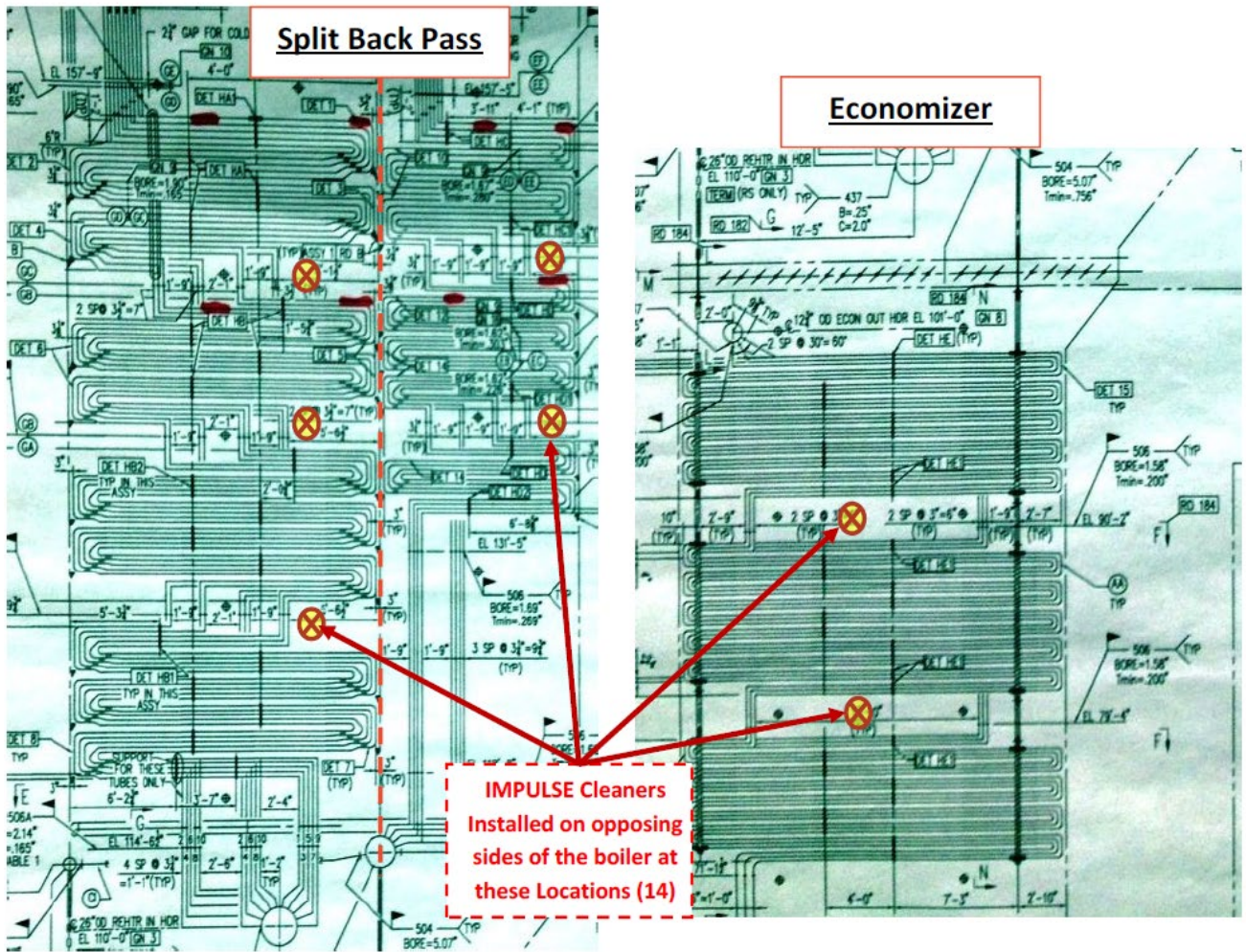
Scope

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) Run piping from tube trailer to all piping of Ethylene to the designated IMPULSE cleaner location(s)
- 4) Leak test fuel system and make any required repairs or corrections.

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 2022											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Engineering – Design Duration = 30 Days	■											
Procurement – Bid Duration = 120 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	B&V / Reliability Engineering	B&V / Reliability Engineering	Project Management	Project Management
	OPB Established	Trend	Trend	Trend	

Cost Estimate and Expenditure Forecast (\$1,099,810)

Pricing for materials was based vendor quotes and previous costs for a similar project

BUDGETARY PROJECT COST OPINION							
Project: N01 CFB Backpass Impulse Cleaning System					Author: David Biruk		
Facility: NGS					PWO Number:		
Date: 1/7/2021					Rev. No.		
ID:							
Direct Construction Cost							
Contractor Direct Cost		Material	Labor	Equipment	Other/Sub-Cont.	TOTAL	
Totals From Details		\$450,000	\$0	\$0	\$500,000	\$950,000	
Contingency	10%	\$0	\$0	\$0	\$50,000	\$50,000	
Total Contractor Direct Costs		\$450,000	\$0	\$0	\$550,000	\$1,000,000	
JEA Direct Cost							
Totals From Details		\$0	\$7,500	\$1,500	\$0	\$9,000	
Contingency	0%	\$0	\$0	\$0	\$0	\$0	
Total JEA Direct Costs		\$0	\$7,500	\$1,500	\$0	\$9,000	
Additional Direct Cost							
JEA Contract Contingency	0%	\$0	\$0	\$0	\$0	\$0	
Total Direct Construction Costs		\$450,000	\$7,500	\$1,500	\$550,000	\$1,009,000	
JEA Cost							
			Labor		Sub-Cont.	TOTAL	
Project Management/Support	5.0%		\$50,450			\$50,450	
Engineering	2.0%		\$20,180			\$20,180	
Services During Construction	0.0%		\$0			\$0	
Miscellaneous	2.0%		\$20,180			\$20,180	
Total JEA Costs		\$0	\$90,810	\$0	\$0	\$90,810	
Total Budgetary Project Cost		\$450,000	\$98,310	\$1,500	\$550,000	\$1,099,810	
					Accuracy Range	\$769,867	\$1,649,715

PROJECTED CASH FLOW BY MONTH FOR FISCAL YEAR FY 2022													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	FY TOTAL
Project Budget													
JEA Cost & Engineering	\$30,310	\$6,500	\$6,500	\$6,500	\$15,000	\$16,000	\$16,000	\$3,000					\$99,810
Equipment/Fabrication			\$450,000										\$450,000
Construction/Project					\$150,000	\$200,000	\$200,000						\$550,000
Project Closeout													\$0
TOTAL	\$30,310	\$6,500	\$456,500	\$6,500	\$165,000	\$216,000	\$216,000	\$0	\$0	\$0	\$0	\$0	\$1,099,810
Quarterly Cash Flow		1st Quarter	\$15,219		2nd Quarter	\$35,511		3rd Quarter	\$532,688		4th Quarter	\$0	

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

Rev 1 Description:

Schedule Effect: _____

Cost Effect: _____

Approvals:

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

Others Signature	Date	Others Signature	Date
------------------	------	------------------	------

Rev 2 Description:			

Schedule Effect: _____			
Cost Effect: _____			
Approvals:			
_____	_____	_____	_____
Corporate Planning	Date	O&M	Date
_____	_____	_____	_____
Outreach	Date	Environmental	Date
_____	_____	_____	_____
Others Signature	Date	Others Signature	Date



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 overage 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@powerpluses.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.

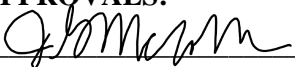
In addition to heat rate savings and reduced maintenance costs, operating with a lower outlet temperature will have a positive impact on SDA SO2 capture. Onsite testing performed by the OEM in 2015 showed that proper temperature control at the SDA could result in as much as a 9% reduction in overall 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**



Formal Bid and Award System

Award #5 February 3, 2022

Type of Award Request: MISCELLANEOUS
Requestor Name: Davis, Deanna L. - Manager Development
Requestor Phone: (904) 665-8451
Project Title: 2020-2839 Rivertown Parcel 47
Project Number: 2020-2839
Project Location: JEA
Funds: Capital
Award Estimate: \$1,337,620.00

Scope of Work:

This project consists of 2,000 LF of 12-inch water main, 2,050 LF of 12-inch reclaim water main, 2,800 LF of 4-inch sewer force main, and a duplex lift station with pony pump.

Purchasing Agent: King, David

Is this a ratification?: NO

If yes, explain:

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
MATTAMY JACKSONVILLE LLC/DIRTWORKS JAX	Shane Haslauer	shaslauer@prosserinc.com	13901 Sutton Park Drive S. Suite 200 Jacksonville, FL 32224	904-899-6981	\$1,369,819.08

Amount for entire term of Contract/PO: \$1,369,819.08
Award Amount for remainder of this FY: \$1,369,819.08
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 02/15/2022
End Date (mm/dd/yyyy): Project Completion (Estimated: September 2022)
JSEB Requirement: N/A - Developer reimbursement

BIDDERS:

Name	Amount
MATTAMY JACKSONVILLE LLC/DIRTWORKS JAX	\$1,369,819.08
GRIMES UTILITIES, INC.	\$1,576,685.00

Background/Recommendations:

The Rivertown Parcel 47 project is part of the Rivertown Developer Utility Service Agreement dated December 22, 2004, which outlines that certain JEA system improvements are reimbursable to the Developer. Per Exhibit D of the Agreement, JEA will reimburse the Developer, Mattamy Jacksonville LLC, for the improvements associated with the Rivertown Parcel 47 Project. This project 2,000 LF of 12-inch water main, 2,050 LF of 12-inch reclaim water main, 2,800 LF of 4-inch sewer force main, and a duplex lift station with pony pump.

The developer requested bids for all the utility work and the project was awarded based upon the lowest lump sum total. Mattamy Jacksonville, LLC publicly bid the project and received two Bids. All of the Bidders to Mattamy Jacksonville, LLC are listed above, with Dirtworks Jax being the lowest Bidder. The bid is approximately 2.4% more than JEA's estimate and deemed reasonable.

Request approval to award a contract to the developer, Mattamy Jacksonville, LLC for the construction of the reclaimed water main and sewer force main by Dirtworks Jax for the Rivertown Parcel 47 project in the amount of \$1,369,819.08, subject to the availability of lawfully appropriated funds.

Director: Zammataro, Robert J. (Rob) - Dir W/WW Planning & Development

VP: Vu, Hai X. - VP Water Wastewater Systems

APPROVALS:

Chairman, Awards Committee **Date**

Budget Representative **Date**

Toll Brothers[®] LAND DEVELOPMENT

PAVING THE WAY FOR AMERICA'S LUXURY HOMEBUILDER

BID FORM

FOR

Public Utilities

**RiverTown Shores
Parcel 47, Phase 1**

Prepared by

PROSSER[™]

November 20, 2021

BID FORM

TABLE OF ARTICLES

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Article 6 – Time of Completion	2
Article 7 – Attachments To This Bid	2
Article 8 – Defined Terms	3
Article 9 – Bid Submittal.....	3

ARTICLE 1 – BID RECIPIENT

1.01 The Entity the bid is addressed to: **Toll Brothers**
40 Everest Ln, Suite 5
St Johns, FL 32259

The physical address the bid is submitted to: **Prosser, Inc. Attn: Shane Haslauer**
13901 Sutton Park Drive S. Suite 200
Jacksonville, FL 32224

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for **60 days** after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged.

<u>Addendum No.</u>	<u>Addendum Date</u>
# 1	12-15-21
# 2	1-4-22

- B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.
 - C. Bidder is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.
 - D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in SC-4.02, and (2) reports and drawings of Hazardous Environmental Conditions that have been identified in SC-4.06
 - E. Bidder has obtained and carefully studied (or accepts the consequences for not doing so) all additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.
 - F. Bidder does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
-

- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
- I. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- J. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
- K. Bidder will submit written evidence of its authority to do business in the state where the Project is located not later than the date of its execution of the Agreement.

ARTICLE 4 – FURTHER REPRESENTATIONS

4.01 Bidder further represents that:

- A. this Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation.
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over Owner.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Lump Sum Price	<i>One million, three hundred sixty-nine thousand, eight hundred nineteen dollars and eight cents</i>	<u> \$1,369,819.08 </u> Numeric
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ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete within **180** calendar days, after the date when the Contract Times commence to run as provided in Paragraph 2.03 of the General Conditions, and will be completed and ready for final payment in accordance with Paragraph 14.07.B of the General Conditions within **210** calendar days after the date when the Contract Times commence to run.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the Contract Times.
 - A. **Liquidated damages for failure to meet times specified will be \$1000/ calendar day.**

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are attached to and made a condition of this Bid:
 - A. Schedule of Values

ARTICLE 8 - DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 - BID SUBMITTAL

9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____ (SEAL)
(Individual's signature)

Doing business as: _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of general partner – attach evidence of authority to sign)

Name (typed or printed): _____

A Corporation

Corporation Name: Joe D. Husk _____ (SEAL)

State of Incorporation: Florida

Type (General Business, Professional, Service, Limited Liability): Inc.

By: Paul Mauro _____
(Signature – attach evidence of authority to sign)

Name (typed or printed): Paul Mauro

Title: CFO

Attest: _____ (CORPORATE SEAL)
(Signature of Corporate Secretary)

Date of Qualification to do business in 11-2009 [State Where Project is Located] is ___ \ ___ \ ___.

A Joint Venture

Name of Joint Venturer: _____

First Joint Venturer Name: _____ (SEAL)



By: _____
(Signature of first joint venture partner – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of second joint venture partner – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

Bidder's Business address: 310 Mealy Drive Atlantic Beach, FL 32211

Phone: 904-683-3124 Facsimile: _____

Submitted on January 5, 2022.

State Contractor License No. CUC1225320 (If applicable)

Schedule of Values

RiverTown Shore Parcel 47 - Public Utilities

Item	Description	Unit	Unit Cost	Qty	Totals
1	Duplex Lift Station	LS	513,312.48	1	\$513,312.48
2	Force Main 4" PVC	LF	70.85	2860	\$202,631.00
3	Water Main 12" PVC	LF	169.18	2060	\$348,510.80
4	Reclaimed Main 12" PVC	LF	144.04	2120	\$305,364.80
Total Bid Amount					\$1,369,819.08

BID FORM- SCHEDULE OF VALUES

RiverTown Parcel 47- Public Utilities Bid Tab

Project												
Item	Description	Unit	Qty	Dirtworks	Unit	Qty	Grimes Utilities	Unit	Qty	JEA	Unit	Qty
	Low Bidder											
1	Water Main 12" PVC	LS	1	348,510.80	LS	1	381,330.00	LS	1	259,678.00	LS	1
	2000 LF											
2	Reclaimed Water Main 12" PVC	LS	1	305,364.80	LS	1	334,500.00	LS	1	279,052.00	LS	1
	2045 LF											
3	Force Main 4" PVC	LS	1	202,631.00	LS	1	290,505.00	LS	1	202,425.00	LS	1
	2791 LF											
4	Duplex Lift Station	LS	1	513,312.48	LS	1	570,350.00	LS	1	596,465.00	LS	1
	w/pony pump											
	Total			1,369,819.08			1,576,685.00			1,337,620.00		

32,199.08



Formal Bid and Award System

Award #6 February 3, 2022

Type of Award Request: CHANGE ORDER

Requestor Name: Bides, Arthur R.

Requestor Phone: (904) 580-0899

Project Title: Engineering Services for the Lofton Oaks Water Treatment Plant (WTP) Improvements Project

Project Number: 8004391

Project Location: JEA

Funds: Capital

Budget Estimate: \$75,000.00

Scope of Work:

The scope of work for this solicitation is to provide engineering services, including design, permitting and services during construction for the improvements to the Lofton Oaks WTP. The plant's major equipment has reached the end of serviceable life and needs to be replaced.

JEA IFB/RFP/State/City/GSA#: 119-17

Purchasing Agent: Kruck, Daniel R.

Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
CONSTANTINE ENGINEERING, LLC	Kart Vaith	kvaith@tcgeng.com	100 Center Creek Road, Suite 108 St. Augustine, FL 32084	(904) 562-2185	\$73,474.56

Amount of Original Award: \$342,800.00

Date of Original Award: 06/21/2018

Change Order Amount: \$73,474.56

List of Previous Change Order/Amendments:

CPA #	Amount	Date	Reason
175193	\$19,675.00	11/30/2018	Additional evaluation of the well and well pump.
175193	\$114,096.25	03/28/2019	Design changes due to larger tank and higher capacity pumps required.
175193	\$14,120.00	05/19/2019	Additional services required to obtain a landscape variance based on comments by Nassau County.
175193	\$76,977.00	09/03/2020	Additional permitting related design services and services during construction.

New Not-To-Exceed Amount: \$641,142.81

Length of Contract/PO Term: Project Completion

Begin Date: 08/02/2018

End Date: Project Completion (Expected: July 2023)

JSEB Requirement: Ten Percent (10%) Evaluation Criteria

Comments on JSEB Requirements:

Original Award

J. Collins Engineering (Mechanical/Piping) – 4.32%

R.E. Holland (Survey) – 3.94%

CSI-Geo (Geotechnical) – 1.90%

Total: 10.16%

1st Change Order

N/A

2nd Change Order

Four Waters Engineering (Civil/Mechanical) – 42.87%

CSI Geo (Geotechnical) – 5.92%

Total: 48.79%

3rd Change Order

Solid Rock Engineering Consultants, Inc. (Landscape Design) – 68%

4th Change Order

N/A

This Change Order

N/A

Background/Recommendations:

Originally approved by Awards Committee on 06/21/2018 in the amount of \$342,800.00 to Constantine Engineering Inc. On 11/30/2018 an administrative change order was approved in the amount of \$19,675.00 for well quality verification and a pump replacement evaluation. On 03/28/2019, a change order was approved by the Awards Committee in the amount of \$114,096.25 for additional design directed by JEA to increase redundancy and resiliency at the plant. On 05/19/2019, an administrative change order was approved in the amount of \$14,120.00 for additional landscape design as the result of requirements from the Nassau County permit department. Lastly, on 09/03/2020, the Awards Committee approved a change order for additional design work related to permitting and services during construction. Copies of the previous awards are attached for reference.

The project was put on hold from December 2020 until now, due to capital budget concerns. However, the project has been re-started due to the increased growth in Yulee/Nassau County. This change order request is to update the design documents, specifications, permits, and bid documents from the 2020 JEA standards to the 2022 JEA standards. The previously negotiated hourly rates were increased by the Consumer Price Index (CPI) to develop the rates used in this amendment.

Request approval to award a change order to Constantine Engineering, LLC. for additional engineering for the Lofton Oaks Water Treatment Plant Improvements Project in the amount of \$73,474.56, for a new not-to-exceed amount of \$641,142.81, subject to the availability of lawfully appropriated funds.

Manager: DiMeo, Elizabeth A. - Mgr W/WW Project Management

Director: Conner, Sean M. - Dir W/WW Project Engineering & Construction

VP: Vu, Hai X. - VP Water Wastewater Systems

APPROVALS:

Chairman, Awards Committee

Date

Budget Representative

Date



Formal Bid and Award System

Award # 3 September 3, 2020

Type of Award Request: CHANGE ORDER
Requestor Name: Gaines, Brian A.
Requestor Phone: (904) 665-6246
Project Title: Lofton Oaks Water Treatment Plant (WTP) - Improvements
Project Number: 8004391
Project Location: JEA
Funds: Capital
Budget Estimate: N/A

Scope of Work:

The scope of work for this solicitation is to provide engineering services, including design, permitting and services during construction for the improvements to the Lofton Oaks WTP. The plant's major equipment has reached the end of serviceable life and needs to be replaced.

JEA IFB/RFP/State/City/GSA#: 119-17

CPA #: 175193

Purchasing Agent: Kruck, Daniel

Is this a Ratification?: YES

A ratification of \$15,024.50 is included in this award amount.

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
CONSTANTINE ENGINEERING INC.	Kart Vaith	kbaith@tcgeng.com	311 SR16, St. Augustine, FL 32080	(904) 562-2185	\$76,977.00

Amount of Original Award: \$342,800.00

Date of Original Award: 06/21/2018

Change Order Amount: \$76,977.00

List of Previous Change Order/Amendments:

Date	Amount	Reason
11/30/2018	\$19,675.00	Additional evaluation of the well and well pump.
04/12/2019	\$114,096.25	Design changes due to larger tank and higher capacity pumps required.
07/03/2019	\$14,120.00	Additional services required to obtain a landscape variance based on comments by Nassau County.

New Not-To-Exceed Amount: \$567,668.25

Length of Contract/PO Term: Project Completion

Begin Date: 08/02/2018
End Date: Project Completion (Expected: September 2023)
JSEB Requirement: Ten Percent (10%) Evaluation Criteria

Comments on JSEB Requirements:

Original Award

J. Collins Engineering (Mechanical/Piping) – 4.32%
R.E. Holland (Survey) – 3.94%
CSI-Geo (Geotechnical) – 1.90%

Previous Change Orders

Four Waters Engineering (Civil/Mechanical) – 42.87%
CSI Geo (Geotechnical) – 5.92%

This Change Order

N/A

Background/Recommendations:

Originally approved by Awards Committee on 06/18/2018 in the amount of \$342,800.00 to Constantine Engineering, Inc. Previous contract change orders were approved due to changes in design requirements by JEA and Nassau county. A copy of the previous awards are attached as backup.

Negotiations were successfully completed with Constantine Engineering for additional work. This includes permitting work required by Nassau county, bid phase services and services during construction. Due to the previous design scope changes, the increase for bid phase services and the services during construction are needed. These previous changes also required additional permitting work with Nassau County. The land use permit changed, and comments received from Nassau County required additional design changes. This effort was not captured in any of the previous amendments. The hourly rates used in this amendment are the same as originally negotiated. A copy of the negotiated fee is attached as backup.


The details of this amendment spend are below:

- FY20: \$15,024.50
- FY21: \$0.00
- FY22: \$39,617.50
- FY23: \$22,335.00

Request approval to award a change order to Constantine Engineering, Inc. for additional services related to Nassau County permitting requirements, and expanded bid and construction phase services for the Lofton Oaks WTP - Improvements project in the amount of \$76,977.00 for a new not-to-exceed amount of \$567,668.25, subject to the availability of lawfully appropriated funds.

Manager: Phillips, Brian R. – Mgr W/WW Project Management
Director: Conner, Sean M. – Dir W/WW Project Engineering & Construction
Chief: Hai, Vu X. – Interim GM Water Wastewater Systems

APPROVALS:



Steven Elmore 09/03/2020

Chairman, Awards Committee **Date**

Steven Elmore 09/03/2020

Budget Representative

Date



Formal Bid and Award System

CPA 175193

Award #2 March 28, 2019

Type of Award Request: CHANGE ORDER

Request: 6568

Requestor Name: Perkins, Timothy

Requestor Phone: (904) 665-4303

Project Title: Engineering Services for the Lofton Oaks Water Treatment Plant (WTP) Improvements Project

Project Number: 8004391

Project Location: JEA

Funds: Capital

Budget Estimate: \$333,000.00

Scope of Work:

The scope of work for this solicitation is to provide engineering services, including design, permitting and services during construction for the improvements to the Lofton Oaks WTP. The plant's major equipment has reached the end of serviceable life and needs to be replaced.

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

- Customer Value: Provides additional capacity to meet customer demand during peak periods
- Community Impact Value: Improves resiliency by providing additional backup capacity if other water treatments plants are offline during an emergency

JEA IFB/RFP/State/City/GSA#: 119-17

Purchasing Agent: Kruck, Daniel R.

Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
CONSTANTINE ENGINEERING INC.	Kart Vaith	kvaith@tcgeng.com	100 Center Creek Road, Suite 108 St. Augustine, FL 32084	(904) 562-2185	\$114,096.25

Amount of Original Award: \$342,800.00

Date of Original Award: 06/21/2018

Change Order Amount: \$114,096.25

List of Previous Change Order/Amendments:

CPA #	Amount	Date
175193	\$19,675.00	11/30/2018

New Not-To-Exceed Amount: \$476,571.25

Length of Contract/PO Term: Project Completion

Begin Date (mm/dd/yyyy): 08/02/2018

End Date (mm/dd/yyyy):

Project Completion (Expected: July 2020)

JSEB Requirement:

Ten Percent (10%) Evaluation Criteria

Comments on JSEB Requirements:

Original Award

J. Collins Engineering (Mechanical/Piping) – 4.32%

R.E. Holland (Survey) – 3.94%

CSI-Geo (Geotechnical) – 1.90%

Total: 10.16%

This Change Order

Four Waters Engineering (Civil/Mechanical) – 42.87%

CSI Geo (Geotechnical) – 5.92%

Total: 48.79%

Background/Recommendations:

Originally approved by Awards Committee on 06/21/2018 in the amount of \$342,800.00 to Constantine Engineering Inc. A copy of the original award is attached as backup. On 11/30/2018 an administrative change order was approved in the amount of \$19,675.00 for well quality verification and a pump replacement evaluation.

Originally, the project was envisioned as a replacement of worn-out components with reuse of other existing equipment. At 10% design JEA planning changed the scope of the project to include replacement of all equipment and substantially increase the size of the ground storage tank. This decision was made to provide redundancy and resiliency in emergency situations. This award request is for a change order to the design contract in the amount of \$114,096.25 for the additional scope items listed below:

- Replace the two (2) existing 480 gpm high service pumps and include provisions for two (2) future 1,000gpm high service pumps and design the headers for future flow. (Original scope of work called for pumps to be relocated)
- Replace the chemical feed pump and equipment skid and include provisions to accommodate future flow. (Original scope called for chemical feed system to be relocated)
- Replace the two (2) existing 200 gal hypochlorite storage tanks with a single, larger, double-walled hypochlorite storage tank. (Original scope called for existing tanks to be relocated)
- Increase the Ground Storage Tank (GST) capacity to 200,000 gallons. (Original scope called for existing 20,000-gallon tank to be relocated)
- Resize the vertical turbine well pump to pump to a new aerator on top of the new GST. (Original scope called for the existing well pump to remain)
- Process calculations and design to size the new high service pumps, chemical feed systems, chemical storage tank. Design of a new larger ground storage tank and calculations/design of a new well pump to reach the aerator located above the new storage tank
- Process mechanical design for the associated additional scope of work
- Civil design to include a new stormwater pond (required due to the larger tank), and significant additional site grading work related to the pond and the larger tank and building
- Structural and Electrical design to accommodate additional scope of work

JEA used the original negotiated hourly rates to develop the award amount for this new scope of work. The change order quote is attached as backup. A budget trend has been submitted and approved for this additional scope of work.

The project details are below:

- Total Project Budget: \$3,651,000.00
- Construction Budget Estimate (Original estimate at time of Proposal): \$1,290,000.00
- Revised Construction Budget Estimate: \$3,174,429.00

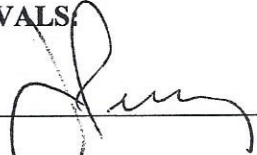
- Engineering Budget Estimate (at time of Proposal): \$333,000.00
- Total Engineering Cost (including all change orders): \$476,571.25
 - Engineering: 11.7% (of estimated construction costs)
 - Services During Construction (SDC): 3.3% (of estimated construction costs)
- Original Design Completion Date: 02/26/2019
- Revised Design Completion Date: 05/14/2019
- Original Construction Completion Date: 05/07/2020
- Revised Construction Completion Date: 07/20/2020

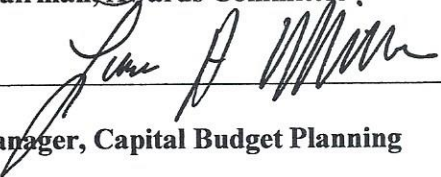
Request approval to award a change order to Constantine Engineering Inc. for additional engineering for the Lofton Oaks Water Treatment Plant Improvements Project in the amount of \$114,096.25, for a new not-to-exceed amount of \$476,571.25, subject to the availability of lawfully appropriated funds.

Director: Conner, Sean M. - Dir W/WW Project Engineering & Construction

VP: Calhoun, Deryle I. - VP/GM Water Wastewater Systems

APPROVALS:


 _____ 3/28/19
 Chairman, Awards Committee, Date


 _____ 3/28/19
 Manager, Capital Budget Planning Date



Formal Bid and Award System

CPA 175193

Award #4 June 21, 2018

Type of Award Request: PROPOSAL (RFP)
Request #: 3931
Requestor Name: Perkins, Timothy E. (Randstad)
Requestor Phone: (904) 665-4303
Project Title: Lofton Oaks Water Treatment Plant (WTP) Improvements
Project Number: 8004391
Project Location: JEA
Funds: Capital
Award Estimate: \$333,000.00

Scope of Work:

This is a request to award to an engineering firm to provide engineering services, including design, permitting, and services during construction for the improvements to the Lofton Oaks WTP. The Lofton Oaks WTP is a 0.4 MGD 'peaking' plant that supplements demands within JEA's Nassau Grid. The plant is necessary to meet peak demands, especially in the springtime, to maintain the distribution system's pressure by providing supplemental water to the distribution system. The plant's major equipment have reached the end of their useful lives and need to be replaced. The improvements will include raw water delivery system improvements, removal and replacement of existing ground storage tank and aerator, relocation of existing pumps and motors to new control building, relocation of existing SCADA/PLC components to new control building, installation of new generator, electrical distribution equipment, new control panels and variable frequency drives and demolition of existing pump building.

JEA IFB/RFP/State/City/GSA#: 119-17
Purchasing Agent: Kruck, Daniel Robert (Dan)
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
CONSTANTINE ENGINEERING INC	Kart Vaith	kvaith@tcgeng.com	100 Center Creek Road, Suite 108 St Augustine, FL 32084	(904) 562-2185	\$342,800.00

Amount for entire term of Contract/PO: \$342,800.00
Award Amount for remainder of this FY: \$80,898.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 07/08/2018
End Date (mm/dd/yyyy): Project Completion (Estimated: May 2020)
JSEB Requirement: Optional Evaluation Criteria (10%)

Comments on JSEB Requirements:

J. Collins Engineering (Mechanical/Piping) – 4.32%
 R.E. Holland (Survey) – 3.94%

CSI-Geo (Geotechnical) – 1.90%
Total: 10.16%

BIDDERS:

Name	Amount	Rank
CONSTANTINE ENGINEERING INC.	\$342,800.00	1
WRIGHT-PIERCE	N/A	2
MITTAUER & ASSOCIATES INC.	N/A	3
CPH INC.	N/A	4

Background/Recommendations:

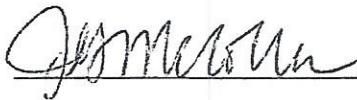
Advertised on 08/09/2017. Nine (9) prime contractors attended the mandatory pre-proposal meeting on 08/16/2017. At Proposal opening on 09/26/2017, JEA received four (4) Proposals. The public evaluation meeting was held on 12/12/2017 and Constantine Engineering Inc. was deemed most qualified to perform the work. A copy of the evaluation matrix is attached as backup.

Negotiations with Constantine Engineering, Inc. were successfully completed. The proposed engineering design and services during construction (SDC) fee of \$342,800.00 is 2.9% higher than estimated but deemed to be reasonable. Compared to estimated construction costs of \$2,470,000.00, the proposed fee is 13.9% of construction cost. A copy of the final fee is attached as backup. A trend will be done based on the updated construction estimate.

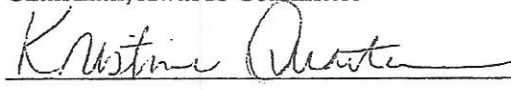
119-17 - Request approval to award a contract to Constantine Engineering, Inc. for engineering services for the Lofton Oaks WTP Improvements project in the amount of \$342,800.00, subject to the availability of lawfully appropriated funds.

Director: Marshall, Raynetta C. - Dir, WWW Grid Project Eng & Construction
VP: Roche, Brian J. - VP/GM Water Wastewater Systems

APPROVALS:

 6/21/18

Chairman, Awards Committee **Date**

 6/21/18

Manager, Capital Budget Planning **Date**

Operating Budgets

ATTACHMENT A

Scope of Services for Lufkin Oaks WTP Improvements

Scope Definition	Engineering Manager/EDR	Lead Mechanical Engineer	QA/QC Manager	Lead Structural Engineer	Lead Electrical/TAC Engineer	SR CADD Tech	Engineering Intern	Clerical/Admin	Surveying (R.E. Holland) (25EB)	Geotechnical (CST Geo) (25EB)	Civil (Feet Waters Engineering) (25FA)	Expenses	HOURS/TASK	TOTAL FEE/TASK
TASK	\$710	\$100	\$165	\$129	\$165	\$90	\$90	\$55	\$130	\$130	\$148	\$		
13 ADDITIONAL SCOPE														
1 Revised 10% Schematic Design Document (SDD)													24	\$ 3,480.00
1.1 Incorporate scope changes and revise drawings	4	4	2		4		8	2					12	\$ 1,495.00
1.2 Update the SDD Report based on scope changes	2						2	1					4	\$ 610.00
1.3 Revise Meeting with JCA	2													
2 New Split Case Pumps and Design Considerations for Future Pumps													10	\$ 1,090.00
2.1 Hydraulic Calc/Pump Selection - New and Future pumps	8	2	8	24	12		8	16					80	\$ 10,776.00
2.2 Drawings (60%, 90%, 100%)														
2.2.1 C-2: Modified site plan due to increase in building size														
2.2.2 C-4: Modified yard piping due to increase in building size														
2.2.3 C-5: Modified paving, grading and erosion control plan due to increase in building size														
2.2.4 C-6: Modified drainage plan due to increase in building size														
2.2.5 T-4: Approx. 50% increase in building size, change in pump alignment, provision for future pumps														
2.2.6 M-5: Approx. 50% increase in building size, addition of pipe trench														
2.2.7 S-2: Approx. 50% increase in building size														
2.2.8 S-3: Approx. 50% increase in building size														
2.2.9 S-4: Approx. 50% increase in building size														
2.2.10 S-5: Approx. 50% increase in building size														
2.2.11 H-1: Modified HVAC with increased building size and provision for future pumps														
2.2.12 P-1: Modified Plumbing schedule with increased building size														
2.2.13 E-1.0: Modifications due to design consideration of future pumps														
2.2.14 E-1.1: Modifications due to design consideration of future pumps														
2.2.15 E-1.2: Modifications due to design consideration of future pumps and increase in building size														
2.2.16 E-1.3: Modifications due to design consideration of future pumps and increase in building size													24	\$ 2,962.00
2.3 Specifications		2		8	6			6						
3 Design New Chemical Feed Equipment													12	\$ 1,760.00
3.1 Tank sizing and design	8	4			4								36	\$ 5,190.00
3.2 Metering pump sizing (dosage calcs), selection and design	8	10			18								64	\$ 8,872.00
3.3 Drawings (60%, 90%, 100%)														
3.3.1 H-7: New chemical feed layout														
3.3.2 E-3.0: New chemical feed pumps and change in tank size														
3.3.3 E-3.1: New chemical feed pumps and change in tank size														
3.4 Specifications		6	2		4			4					24	\$ 3,120.00
4 Reize and Design of Well Pump													12	\$ 1,460.00
4.1 Hydraulic Calc/Pump Selection		4						4					24	\$ 2,820.00
4.2 Specification		8						8					8	\$ 910.00
5 Provide a larger 6.2MG GSST													58	\$ 8,658.00
5.1 TM for GSST Selection														
5.2 Drawings (60%, 90%, 100%)	8	2	8	16	18			3						
5.2.1 C-3: Modified site plan due to change in size of tank														
5.2.2 C-4: Modified yard piping due to change in size of tank														
5.2.3 C-5: Modified paving, grading and erosion control plan due to increase in tank size														
5.2.4 C-6: Modified drainage plan due to increase in tank size														
5.3 Specifications		2	2	8	6			6					36	\$ 4,212.00
TASK 13 LABOR FEE	\$ 8,600.00	\$ 11,810.00	\$ 5,920.00	\$ 8,256.00	\$ 9,900.00	\$ 0	\$ 10,800.00	\$ 7,120.00	\$ 0	\$ 0	\$ 0	\$ 0	428	\$ 57,436.00
TASK 13 HOURS	40	64	32	64	60	0	120	48	0	0	0	0	3	59,436.00
TASK 14 LUMP SUM														
14A ADDITIONAL JSEB SCOPE														
1 Additional Civil Sitework													120	\$ 17,760.00
1.1 Overall Site Grading													90	\$ 13,260.00
1.2 Stormwater Pond													120	\$ 17,760.00
1.3 ERP Pump Skings													18	\$ 2,340.00
2 Additional Geotechnical Work													34	\$ 4,450.00
2.1 2 borings instead of 15 for larger tank														
2.2 One (1) additional 75' boring for larger tank														
TASK 14B LABOR FEE	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	332	\$ 45,000.00
TASK 14B HOURS	0	0	0	0	0	0	0	0	0	0	0	0	3	35,660.00
TASK 14A														
TOTAL PROJECT LUMP SUM (TASK 13)	\$ 8,600.00	\$ 11,810.00	\$ 5,920.00	\$ 8,256.00	\$ 9,900.00	\$ 0	\$ 10,800.00	\$ 7,120.00	\$ 0	\$ 0	\$ 0	\$ 0		
TOTAL PROJECT FEE AND EXPENSE (TASK 14A)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0		
GRAND TOTAL PROJECT LABOR FEE	\$ 8,600.00	\$ 11,810.00	\$ 5,920.00	\$ 8,256.00	\$ 9,900.00	\$ 0	\$ 10,800.00	\$ 7,120.00	\$ 0	\$ 0	\$ 0	\$ 0	431	\$ 57,436.00
GRAND TOTAL PROJECT HOURS	40	64	32	64	60	0	120	48	0	0	0	0	3	114,096.00

Attachment A
JEA
LOFTON OAKS WTP IMPROVEMENTS (CONTRACT NO. 175193)
Fee Estimate - Amendment 5

Scope Definition		Engineering Manager/EOR	Lead Mechanical Engineer	QA/QC Manager	Lead Structural Engineer	Lead Electrical/I&C Engineer	SR CADD Tech	Engineering Intern	Clerical/Admin	Expenses	HOURS/TASK	TOTAL FEE/TASK
TASK		\$234	\$218	\$218	\$192	\$192	\$125	\$103	\$75	\$		
1	PROJECT MANAGEMENT										32	\$ 4,642.56
	TASK 1 LABOR FEE	\$ 2,808.00	\$ 0 -	\$ 0 -	\$ 0 -	\$ 0 -	\$ 0 -	\$ 1,235.52	\$ 599.04	\$ -		\$ 4,642.56
	TASK 1 HOURS	12	0	0	0	0	0	12	8	0	32	
	TASK 1 TOTAL											\$ 4,643.00
17	ADDITIONAL PERMITTING WORK											
	17.1 Meeting with JEA to review updated standards and impacts to the design	8	0	0	0	0	0	8	2		18	\$ 2,845.44
	17.1 Revise design to reuse one of the old pumps	8	0	0	0	8	0	8	2		26	\$ 4,384.64
	17.2 Revise final plans to Issue for Bid (IFB)	16	12	4	16	16	80	40	12		196	\$ 28,396.16
	17.3 Revise final specifications to IFB	16	8	4	8	8	0	24	8		76	\$ 12,513.28
	17.4 Update the CDD Report	8	6	2	2	2	0	24	8		52	\$ 7,458.88
	17.5 Update the 100% Cost Estimate	4	2	0	2	2	0	16	4		30	\$ 4,089.28
	17.6 Meeting with JEA to review IFB documents	3	3	0	0	3	0	4	2		15	\$ 2,496.00
	TASK 17 LABOR FEE	\$ 14,742.00	\$ 6,770.40	\$ 2,184.00	\$ 5,387.20	\$ 7,503.60	\$ 9,984.00	\$ 12,767.04	\$ 2,845.44	\$ -		\$ 62,183.68
	TASK 17 HOURS	63	31	10	28	39	80	124	38	0	413	
	TASK 17 TOTAL											\$ 62,184.00
18	ADDITIONAL PERMITTING WORK											
	18.1 Additional coordination with Nassau County as the plans will be revised	8	0	0	0	0	0	12	4		24	\$ 3,407.04
	18.2 Provision eight (8) sets of 24"x36" plans signed and sealed by the Engineer of Record	8	0	0	2	2	0	0	8		20	\$ 3,240.64
	TASK 18 LABOR FEE	\$ 3,744.00	\$ -	\$ -	\$ 384.80	\$ 384.80	\$ -	\$ 1,235.52	\$ 898.56	\$ -		\$ 6,647.68
	TASK 18 HOURS	16	0	0	2	2	0	12	12	0	44	
	TASK 18 TOTAL											\$ 6,648.00
	TOTAL PROJECT LUMP SUM	\$ 21,294.00	\$ 6,770.40	\$ 2,184.00	\$ 5,772.00	\$ 7,888.40	\$ 9,984.00	\$ 15,238.08	\$ 4,343.04	\$ -		\$ 73,474.56
	TOTAL PROJECT HOURS	91	31	10	30	41	80	148	58	0	489	



Formal Bid and Award System

Award #7 February 3, 2022

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Requestor Name: Hightower, Justin
Requestor Phone: (904) 665-8357
Project Title: JEA Aerial Duty Vehicle Procurement Acquisition
FY22 Project Numbers: N/A
FY23 Project Numbers: TBD
Project Location: JEA
Funds: Capital
Budget Estimate: \$4,623,000.00

Scope of Work:

The purpose of this Invitation to Negotiate (the "ITN") was to solicit pricing for the purchase of twenty-one (21) aerial duty vehicles for JEA’s FY23 requirements. This purchase is for planned and budgeted replacement of (20 units) JEA’s Energy assets and JEA’s Fleet Expansion plan (1 unit) associated with the Fleet Capital Procurement Plan.

JEA IFB/RFP/State/City/GSA#: 1410464046-22
Purchasing Agent: Pearson, Kenny
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Amount
ALTEC INDUSTRIES, INC.	Chuck Martin	chuck.martin@altec.com	2106 S Riverside Rd, St. Joseph, MO 64507	\$2,854,202.00
TIME MANUFACTURING COMPANY	Nathen Barton	NathenBarto@versalift.com	1200 Texas Central Parkway, Waco, TX 76712	\$1,807,661.00

Amount for entire term of Contract/PO: \$4,661,863.00
Award Amount for remainder of this FY: \$0.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 02/03/2022
End Date (mm/dd/yyyy): Project Completion
JSEB Requirement: N/A – No JSEBs available

BIDDERS:

Name	Original Bid Amount	BAFO Amount	Proposed Award Amount
ALTEC INDUSTRIES, INC.	\$5,022,228.00	\$4,874,218.00	\$2,854,202.00
RING POWER CORPORATION	\$5,663,101.00	\$5,293,765.00	\$0.00
TIME MANUFACTURING COMPANY	\$3,281,245.00	\$3,455,131.00*	\$1,807,661.00

*Time Manufacturing's BAFO was \$173,886.00 higher than their initial bid as they received Cab and Chassis manufacturer price increases after the first round and before the second round. In lieu of a later change order request, they submitted a price increase of the bid price.

Background/Recommendations:

Advertised 10/20/2021. Three (3) companies attended the mandatory pre-response meeting on 10/25/2021. At the Response opening on 11/23/2021, JEA received three (3) Responses.

The solicitation was processed as an ITN given the complexity of the work found within the solicitation, as this was a fleet capital solicitation that involved complex technical requirements along with ever evolving supply chain issues. The basis of award is to the contract to the highest ranked Respondent for each aerial duty vehicle groupings included in this solicitation, and companies were encouraged to bid multiple groupings for efficiency purposes. On 12/10/2021, negotiations were held with the three (3) shortlisted companies, Altec Industries, Inc., Ring Power Corporation, and Time Manufacturing Company. After the Best and Final Offers (BAFO) were submitted, Altec Industries, Inc. and Time Manufacturing Company were deemed the lowest cost responsible and responsive Respondents for the six (6) aerial duty vehicle groupings. A copy of the detailed bid analysis is attached as backup and the proposed award breakout by vehicle grouping is identified below:

Vehicle Grouping	Vehicles	Previous Awardee	Previous Pricing	Proposed Awardee	Proposed Award
Group 1	Truck 1 Ton Extended Cab 4X4 Bucket Tele 40'	Time Manufacturing Company	\$408,288.00	Time Manufacturing Company	\$1,441,400.00
Group 2	Truck 3 Ton Extended Cab Derrick Digger 50'	Altec Industries, Inc.	\$1,094,000.00	Altec Industries, Inc.	\$944,472.00
Group 3	Truck 2 Ton Bucket Cut-In 40'	Time Manufacturing Company	\$275,786.00	Time Manufacturing Company	\$578,616.00
Group 4	Truck 3 Ton Extended Cab Bucket 55'	Altec Industries, Inc.	\$222,702.00*	Altec Industries, Inc.	\$265,049.00
Group 5	Truck 3 Ton Extended Cab Bucket Material Handler 55'	Time Manufacturing Company	\$464,564.00	Altec Industries, Inc.	\$1,360,515.00
Group 6	Truck 3 Ton Extended Cab Over Center Bucket Material Handler 55'	Time Manufacturing Company	\$752,538.00	Altec Industries, Inc.	\$284,166.00

**Group 4 last buy was FY21, all others are FY22 last buy.*

It should be noted for Group 5, Time Manufacturing Company was the lowest cost Respondent, but Altec Industries, Inc. was the overall highest total score due to a higher evaluated score which offset being \$1,133.00 higher in cost.

As noted earlier Supply Chain disruptions have plagued the automobile industry in 2021 and is continued to progress through 2022 and possibly 2023. JEA has tried to adapt to the market to ensure supply of assets, and one such adaption is that while traditionally price increases are not afforded to bidders during the BAFO round, this was an accommodation allowed to all bidders as long as it was unplanned price increases from subs. We would also allow future change orders where documented increases could be passed through to the suppliers and in turn to JEA from their subs, as long as documentation was provided that these were unavoidable by reasonable measure. This decision was based on the feedback during the ITN sessions, and is in line with other general conversations outside of this bid, that each vendor has seen and expects to continue to see volatility in pricing in their supply base. As such, Time Manufacturing did increase pricing by

approximately five percent (5%) based on cab & chassis vendor price adjustments occurring during the bid. We did see BAFO price decreases from Altec Industries, Inc. and Ring Power by approximately three percent (3%) and six percent (6%) respectively. By calculating both the BAFO reductions and BAFO increases, an overall BAFO decrease was realized of \$26,331.00.

When comparing JEA's past pricing to the proposed winning supplier for each respective grouping, JEA's new pricing will be 17.6%, or \$689,293.00 higher based on current market conditions for Vehicle Groupings 1, 2, 3, 5, and 6 which were awarded in January 2021 for the FY22 purchases and Group 4 last buy was FY21 purchases. This percentage was determined by taking the last price paid and comparing those prices to the quoted unit prices of this solicitation.

Request approval to award a contract to Time Manufacturing Company (\$1,807,661.00) and Altec Industries, Inc. (\$2,854,202.00), for the purchase of twenty-one (21) vehicles for JEA's FY23 aerial duty fleet capital requirements, for a total not-to-exceed amount of \$4,661,863.00, subject to the availability of lawfully appropriated funds.

Manager: Hightower, Justin – Manager, Fleet Services

VP: McElroy, Alan – VP of Supply Chain and Operations Support

APPROVALS:

Chairman, Awards Committee **Date**

Budget Representative **Date**

Item Name	Item Description	Supplier Name	Asset 1 in Grouping Qty	Budget Estimate EXT	Previous Pricing	Previous Pricing EXT	Round 1 Unit Price	Round 1 Price Ext	BAFO Ext	Bafo Unit Price	BAFO Reduction in \$	Total Savings in \$	Total Savings in % (Increase is +)	Supplier's Price Score	Supplier's Evaluation Score	Total Score
Group 1	TRUCK 1 T EXT CAB 4X4 BUCKET TELE 40'	ALTEC INDUSTRIES INC	8	\$ 1,384,000.00	\$ 137,500.00	\$ 1,100,000.00	\$181,603.00	\$1,452,824.00	\$1,441,400.00	\$180,175.00	\$11,424.00			53.16%	34.50%	87.66%
Group 1	TRUCK 1 T EXT CAB 4X4 BUCKET TELE 40'	RING POWER CORPORATION	8	\$ 1,384,000.00	\$ 137,525.00	\$ 1,100,200.00	\$188,042.00	\$1,504,336.00	\$1,406,224.00	\$175,778.00	\$98,112.00			54.79%	28.41%	83.20%
Group 1	TRUCK 1 T EXT CAB 4X4 BUCKET TELE 40'	TIME MANUFACTURING COMPANY	8	\$ 1,384,000.00	\$ 136,096.00	\$ 1,088,768.00	\$153,699.00	\$1,229,582.00	\$1,293,896.00	\$161,737.00	\$64,304.00	-\$205,128.00	18.84%	60.00%	30.54%	90.54%
Group 2	TRUCK 3 T EXT CAB DERRICK DIGGER 50'	ALTEC INDUSTRIES INC	3	\$ 870,000.00	\$ 273,500.00	\$ 820,500.00	\$333,945.00	\$1,001,835.00	\$944,472.00	\$314,824.00	\$67,363.00	-\$123,972.00	15.11%	60.00%	35.14%	95.14%
Group 2	TRUCK 3 T EXT CAB DERRICK DIGGER 50'	RING POWER CORPORATION	3	\$ 870,000.00	\$ 288,257.00	\$ 864,771.00	\$417,168.00	\$1,251,504.00	\$1,169,883.00	\$389,981.00	\$81,621.00			45.68%	28.08%	73.76%
Group 2	TRUCK 3 T EXT CAB DERRICK DIGGER 50'	TIME MANUFACTURING COMPANY	3	\$ 870,000.00	\$ 282,292.00	\$ 846,876.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00					
Group 3	TRUCK 2 T BUCKET CUT-IN 40'	ALTEC INDUSTRIES INC	3	\$ 642,000.00	\$ 151,700.00	\$ 455,100.00	\$201,066.00	\$603,198.00	\$578,616.00	\$192,872.00	\$24,582.00			52.43%	34.82%	87.25%
Group 3	TRUCK 2 T BUCKET CUT-IN 40'	RING POWER CORPORATION	3	\$ 642,000.00	\$ 154,752.00	\$ 464,256.00	\$202,521.00	\$607,563.00	\$567,939.00	\$189,313.00	\$39,624.00			53.67%	28.43%	82.10%
Group 3	TRUCK 2 T BUCKET CUT-IN 40'	TIME MANUFACTURING COMPANY	3	\$ 642,000.00	\$ 137,893.00	\$ 413,679.00	\$164,132.00	\$492,396.00	\$513,765.00	\$171,255.00	\$21,369.00	-\$100,086.00	24.19%	60.00%	30.54%	90.54%
Group 4	TRUCK 3 T EXT CAB BUCKET 55'	ALTEC INDUSTRIES INC	1	\$ 244,000.00	\$ 222,702.00	\$ 222,702.00	\$272,090.00	\$272,090.00	\$285,049.00	\$265,049.00	\$7,041.00	-\$42,347.00	19.02%	60.00%	34.50%	94.50%
Group 4	TRUCK 3 T EXT CAB BUCKET 55'	RING POWER CORPORATION	1	\$ 244,000.00	\$ -	\$ -	\$319,055.00	\$319,055.00	\$298,247.00	\$298,247.00	\$20,808.00			52.48%	28.41%	80.89%
Group 4	TRUCK 3 T EXT CAB BUCKET 55'	TIME MANUFACTURING COMPANY	1	\$ 244,000.00	\$ -	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00					
Group 5	TRUCK 3 T EXT CAB BUCKET/MH 55'	ALTEC INDUSTRIES INC	5	\$ 1,220,000.00	\$ 234,900.00	\$ 1,174,500.00	\$279,413.00	\$1,397,065.00	\$1,360,515.00	\$272,103.00	\$36,550.00	-\$199,105.00	17.14%	59.75%	34.50%	94.25%
Group 5	TRUCK 3 T EXT CAB BUCKET/MH 55'	RING POWER CORPORATION	5	\$ 1,220,000.00	\$ 240,005.00	\$ 1,200,025.00	\$326,774.00	\$1,633,870.00	\$1,627,316.00	\$305,463.00	\$106,555.00			52.36%	28.41%	80.77%
Group 5	TRUCK 3 T EXT CAB BUCKET/MH 55'	TIME MANUFACTURING COMPANY	5	\$ 1,220,000.00	\$ 232,282.00	\$ 1,161,410.00	\$256,725.00	\$1,283,625.00	\$1,354,850.00	\$270,970.00	\$71,225.00			60.00%	30.54%	90.54%
Group 6	TRUCK 3 T EXT CAB OC BUCKET/MH 55'	ALTEC INDUSTRIES INC	1	\$ 263,000.00	\$ 252,150.00	\$ 252,150.00	\$295,216.00	\$295,216.00	\$284,166.00	\$284,166.00	\$11,050.00	-\$33,320.00	13.28%	60.00%	34.50%	94.50%
Group 6	TRUCK 3 T EXT CAB OC BUCKET/MH 55'	RING POWER CORPORATION	1	\$ 263,000.00	\$ 256,507.00	\$ 256,507.00	\$346,773.00	\$346,773.00	\$324,157.00	\$324,157.00	\$22,616.00			51.56%	28.41%	79.97%
Group 6	TRUCK 3 T EXT CAB OC BUCKET/MH 55'	TIME MANUFACTURING COMPANY	1	\$ 263,000.00	\$ 250,846.00	\$ 250,846.00	\$275,632.00	\$275,632.00	\$292,620.00	\$292,620.00	\$16,988.00			58.21%	30.54%	88.75%

	Original	Bafo	Delta in \$	Delta in %	Award Amount	Budget	Comment
ALTEC INDUSTRIES INC	\$5,022,228.00	\$4,874,218.00	\$148,010.00	-2.9%	\$2,854,202.00		
RING POWER CORPORATION	\$5,663,101.00	\$5,293,765.00	\$369,336.00	-6.5%	\$ -		
TIME MANUFACTURING COMPANY	\$3,281,245.00	\$3,455,131.00	-\$173,886.00	5.3%	\$1,807,661.00		Increase from Cab and Chassis Price Increases
Previous Award	\$3,957,905.00	\$4,656,198.00	-\$698,293.00	17.6%			
Award NTE					\$4,661,863.00		
FY22 Cash Flow					\$0.00		
FY23 Cash Flow					\$4,661,863.00		
Budget Estimate					\$4,623,000.00		
Estimated Savings				17.6%	-\$698,293.00		
BAFO Savings				0.6%	\$26,331.00		