

AWARDS COMMITTEE AGENDA

DATE: Thursday, April 16, 2020

TIME: 10:00 A.M.

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

Public Comments:

Awards:

1. Approval of the minutes from the last meeting (04/09/2020).
2. Request approval to award a change order to Mott Macdonald Florida, LLC for additional engineering for the 5th St. W. – Imeson Rd to Melson Ave – Trans – New Force Main project in the amount of \$102,423.00, for a new not-to-exceed amount of \$938,640.00, subject to the availability of lawfully appropriated funds.
3. 024-20 – Request approval to award a contract to TG Utility Company for construction services for the Owens Road 16-inch Water Transmission Main project in the amount of \$1,248,207.00, subject to the availability of lawfully appropriated funds.
4. Request approval to award a contract to H. Stephen Jones & Associates Inc., for Owner's Representative Services for Technology, Security, and Facilities Systems for the new JEA Headquarters in the amount of \$619,396.00, subject to the availability of lawfully appropriated funds.
5. **DEFERRED** - Request approval to award a contract to Power Plus Cleaning Systems, for a NGS N01 CFB HRA Impulse Cleaning System, in the amount of \$409,803.00, subject to the availability of lawfully appropriated funds.
6. Request approval to award a contract to Davis Tire Center, Inc. for JEA Fleet Tire Maintenance and Repair Services in the amount of \$1,101,837.50, subject to the availability of lawfully appropriated funds.
7. Request approval to award a contract to Ring Power Corporation (\$873,999.00) and Altec Industries, Inc. (\$367,235.00), for the combined purchase of four (4) vehicles within the aerial duty vehicle class categories of 223 and 226 for a total not to exceed amount of \$1,241,234.00, subject to the availability of lawfully appropriated funds.
8. Request approval to award a contract to Ring Power Corporation for the purchase of two (2) Class 420 Trailer Mounted Four Drum P-Line Puller in the amount of \$320,030.00, subject to the availability of lawfully appropriated funds.
9. Request approval to award a change order to Wright-Pierce for additional engineering study work for the Southwest/Arlington East Service Areas Infiltration and Inflow Study and Remediation

Plan in the amount of \$258,865.84, for a new not-to-exceed amount of \$2,020,259.07, subject to the availability of lawfully appropriated funds.

10. **DEFERRED** - ITN 99141-Request approval to award a 1 year contract to Presidio Network Solutions for Netmotion licenses and support for remote VPN access in the amount of \$117,921.18, subject to the availability of lawfully appropriated funds.

11. 040-20 – Request approval to award a one (1) time purchase of new IT infrastructure equipment – F5 Chassis Blades with five (5) years maintenance to CDW in the amount of \$395,790.92, subject to the availability of lawfully appropriated funds.

Informational Item: N/A

Open Discussion: N/A

Public Notice: N/A

General Business: N/A

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

04-16-2020 Awards Committee

<u>Award #</u>	<u>Type of Award</u>	<u>Business Unit</u>	<u>Estimated/ Budgeted Amount</u>	<u>Amount</u>	<u>Awardee</u>	<u>Term</u>	<u>Summary</u>
1	Minutes	N/A	N/A	N/A	N/A	N/A	Approval of minutes from the 04/09/2020 meeting.
2	Change Order	Calhoun	N/A	\$102,423.00	Mott MacDonald Florida, LLC	Project Completion	<p><u>Engineering Services for the 5th St. W. – Imeson Rd to Melson Ave – Trans – New Force Main Project</u></p> <p>The project budget details are below:</p> <ul style="list-style-type: none"> • Route Study 10% Budget: \$12,553,977.00 <ul style="list-style-type: none"> ○ Engineering Budget: \$836,217.00 ○ Construction Budget: \$11,174,800.00 ○ Internal JEA Costs: \$542,960.00 • Estimate at Completion (as of 60% Design): \$12,893,315.00 <ul style="list-style-type: none"> ○ Engineering Budget: \$938,640.00 (Mott MacDonald, CPA 179221, This Award) ○ Construction Budget: \$11,391,368.00 ○ Internal JEA Costs: \$563,307.00 • Original Project Schedule: <ul style="list-style-type: none"> ○ Engineering Completion: February 2020 ○ Construction Completion: August 2021 • Revised Schedule: <ul style="list-style-type: none"> ○ Engineering Completion: July 2020 ○ Construction Completion: July 2022
3	Invitation For Bid (IFB) 8 Respondents	Calhoun	\$1,566,000.00	\$1,248,207.00	T.G. Utility Company	Project Completion	<p><u>Owens Road 16-inch Water Transmission Main</u></p> <p>The project details are below:</p> <ul style="list-style-type: none"> • Project Budget at time of Bid (100% Design): \$1,859,406.00 <ul style="list-style-type: none"> ○ Engineering Budget (Firm: Mott MacDonald CPA 157509): \$202,235.00 ○ Construction Budget: \$1,565,298.00 ○ Internal JEA Costs: \$55,992.00 • Estimate at Completion: \$1,695,430.00 <ul style="list-style-type: none"> ○ Engineering Budget: \$202,235.00 ○ Construction Budget: \$1,248,207.00 (This Award) ○ Internal JEA Costs: \$244,988.00 • Original Project Schedule: <ul style="list-style-type: none"> ○ Engineering Completion: May 2019 ○ Construction Completion: Dec 2020 • Revised Schedule: <ul style="list-style-type: none"> ○ Engineering Completion: May 2019 ○ Construction Completion: February 2021

04-16-2020 Awards Committee

4	GSA Contract	Vineyard	\$625,654.00	\$619,396.00	H. Stephen Jones and Associates Inc	Project Completion	<u>Owner's Representative Services for Technology, Security, and Facilities Systems for new JEA Headquarters</u> The contract details are below: <ul style="list-style-type: none"> Budget Estimate:\$625,654.00 NTE Amount: \$619,396.50
5-Defer	Defer	Defer	Defer	Defer	Defer	Defer	
6	Invitation To Negotiate (ITN) 3 Respondents	McCarthy	\$1,237,756.00	\$1,101,837.50	Davis Tire Center, Inc.	Three (3) Years	<u>JEA Fleet Tire Maintenance and Repair Services</u> The contract details are below: <ul style="list-style-type: none"> Budget Estimate:\$1,237,756.00 NTE Amount: \$1,101,837.50
7	Invitation To Negotiate (ITN) 2 Respondents	McCarthy	\$1,355,000.00	\$873,999.00 \$367,235.00	Ring Power Corporation Altec Industries, Inc.	One (1) Year w/One (1) Yr. Renewal	<u>JEA FY21 Aerial Long Lead Time Procurement Acquisition</u> The contract details are below: <ul style="list-style-type: none"> Budget Estimate:\$1,355,000.00 NTE Amount: \$1,241,234.00
8	Invitation To Negotiate (ITN) 2 Respondents	McCarthy	\$280,000.00	\$320,030.00	Ring Power Corporation	One (1) Year w/One (1) Yr. Renewal	<u>Trailer Mounted Four Drum P-Line Puller</u> The contract details are below: <ul style="list-style-type: none"> Budget Estimate:\$280,000.00 NTE Amount: \$320,030.00
9	Change Order	Calhoun	N/A	\$258,865.84	Wright Pierce	Project Completion	<u>Southwest/Arlington East Service Areas Infiltration and Inflow Study and Remediation Plan</u> The change order spend details is below: <ul style="list-style-type: none"> FY20: \$258,865.84
10-Defer	Defer	Defer	Defer	Defer	Defer	Defer	
11	Invitation To Negotiate (ITN) 2 Respondents	Eads	\$400,000.00	\$395,790.92	CDW Government, LLC	One-Time Purchase w/ Five (5) Years Maintenance	<u>New F5 Equipment and Five (5) Years Support/Maintenance- IT Infrastructure R&R (Capital Year 1, O&M Years 2-5)</u> The contract details are below: <ul style="list-style-type: none"> FY20 Capital Equipment and Year 1 Support:\$330,226.44 FY21: \$16,391.12 FY22: \$16,391.12 FY23: \$16,391.12 FY24: \$16,391.12 NTE: \$395,790.92
Total Award				\$5,287,784.26			

AWARDS COMMITTEE MINUTES

Awards Committee met on **April 09, 2020**, in the Conference Room, 8th Floor, JEA Tower, 21 West Church Street, Jacksonville, Florida. The meeting was called to order at 10:00 a.m.

Members in attendance were Jenny McCollum as Chairperson, Laure Whitmer as Budget Representative, Lawsikia Hodges as General Counsel Representative; with John McCarthy, Joe Orfano, Shawn Eads, Deryle Calhoun, and Caren Anders as voting Committee Members.

Awards:

1. Approval of the minutes from the last meeting (03/31/2020). **APPROVED W/DISCUSSION**
2. Request approval to award a contract to the developer, Sonoc Company LLC, for the construction of the water main and reclaimed water main by John Woody, Inc. for Nocatee Crosswater Pkwy Ext 1 in the amount of \$690,515.00, subject to the availability of lawfully appropriated funds. **APPROVED**
3. Request approval to award a (1) one year renewal to the Dalton Agency for public affairs, issue advocacy, and stakeholder engagement in the amount of \$300,000.00, for a new not-to exceed amount of \$600,000.00, subject to the availability of lawfully appropriated funds. **APPROVED**
4. **DEFERRED** 015-20 – Request approval to award a three year contract to Aggreko LLC, for goods and services for Generator Rentals in the amount of \$2,179,575.54, subject to the availability of lawfully appropriated funds.
5. 016-20 – Request approval to award a contract to Precon Corporation for construction services for the Twin Creeks Reclaimed Water Re-pump Station Improvements - Phase 1 in the amount of \$3,074,268.00, subject to the availability of lawfully appropriated funds. **APPROVED W/DISCUSSION**
6. 006-20 – Request approval to award a contract to PBM Constructors, Inc. for construction services for the Nocatee North and South Booster Pump Station and Ground Storage Tank Improvements project in the amount of \$9,765,705.00, subject to the availability of lawfully appropriated funds. **APPROVED W/DISCUSSION**
7. Request approval to award a Purchase Order to Hudson Pump & Equipment, for two booster pumps for NGS Unit 3 in the amount of \$319,750.00, subject to the availability of lawfully appropriated funds. **APPROVED W/DISCUSSION**

Informational Item: **N/A**

Ratifications: **N/A**

Public Comments: **N/A**

Adjournment: **11:00 a.m.**

Notes:

- Announced that the meeting was being held remotely to slow the spread of the Covid-19 virus and to encourage social distancing and that pursuant to Governor DeSantis' Executive Order 20-69, local governments were allowed to hold public meetings using communications media technology rather than in a physical location. In keeping with the Executive Order, that the JEA Awards Committee meeting was being held by virtual means via WebEx which allows interested persons to view and participate in the meeting remotely;
- Reviewed the WebEx meeting instructions;
- Reviewed how public comment would be received and taken during the meeting;
- Opened the meeting for public comment during the public comment speaking period via email, by phone and videoconference. No public comments were given.
- A motion was made by Caren Anders and Seconded by Shawn Eads to approve the minutes from March 31, 2020 with updates
- The Awards Committee deferred Item 4
- A motion was made by Caren Anders and Seconded by Deryle Calhoun to approve Items as presented for #2, #3 and #7, defer item #4, and approve items #5 and #6 as discussed.

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 April 16, 2020

Type of Award Request: CHANGE ORDER

Request # 6812

Requestor Name: Betancur, Maria

Requestor Phone: (904) 665-7215

Project Title: Engineering Services for the 5th St. W. – Imeson Rd to Melson Ave – Trans – New Force Main Project

Project Number: 8004781

Project Location: JEA

Funds: Capital

Budget Estimate: N/A

Scope of Work:

This project consists of the design and engineering services during construction for the installation of approximately 18,500 feet of 16 or 20 inch sewer force main (FM), and 140 feet of 15-inch gravity sewer. This project is to provide additional capacity to dual 12-inch force mains along the project corridor, and to assess and design the removal and replacement (R&R) or retirement of the dual 12-inch lines.

Currently, the majority of the Buckman Wastewater Service area west of I-95 and north of I-10 is connected by a series of 12"/12" dual pipe and 16" single pipe force main segments to the gravity trunk sewer at the Melson/5th Street intersection. The existing force mains are at capacity, which has resulted in high head pressures. It is proposed to install a parallel 16" force main from Imeson Road to Melson Avenue to relieve current flows and accommodate future flows from the west side of the service area.

JEA IFB/RFP/State/City/GSA#: 112-18

Purchasing Agent: Kruck, Dan

Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
MOTT MACDONALD FLORIDA, LLC	Leslie Samel	leslie.samel@mottmac.com	220 W. Garden Street Suite 700, Pensacola, FL 32502	(850) 484-6011	\$102,423.00

Amount of Original Award: \$820,853.00

Date of Original Award: 12/20/2018

Change Order Amount: \$102,423.00

List of Previous Change Order/Amendments:

CPA #	Amount	Date	Reason
179221	\$15,364.00	09/15/2019	Added basis of estimate report at each design phase submittal

New Not-To-Exceed Amount: \$938,640.00

Length of Contract/PO Term: Project Completion

Begin Date (mm/dd/yyyy): 01/02/2019

End Date (mm/dd/yyyy): Project Completion (Expected: July 2022)

JSEB Requirement: Five Percent (5%) Evaluation Criteria

Comments on JSEB Requirements:

Original Award

C&ES Consultants (MOT Engineering) - 10.85%

Meskel & Associates (Geotechnical) - 15.79%

ERS Corp. (Wetlands/Environmental) - 1.06%

Change Order 1

N/A

Change Order 2 (This change order)

Meskel & Associates (Geotechnical) – 44.52% (of this change order)

C&ES Consultants (MOT/TTC) – 11.3% (of this change order)

Background/Recommendations:

Originally approved by Awards Committee on 12/20/2018 in the amount of \$820,853.00 to Mott Macdonald Florida, LLC. A copy of the original award is attached as backup.

This award request is for a change order to the design contract of Mott Macdonald Florida, LLC for the 5th St. W. – Imeson Rd to Melson Ave – Trans – New Force Main project due to design changes from the original scope of work. These changes included JEA's desire to have only one discharge into the west side of the existing junction chamber to replace the existing twin 12-inch force mains, 27-inch gravity sewer and the proposed 20-inch force main. It was concluded during field visits during design that the condition of the existing junction chamber was unknown, but due to age and inaccessibility for an internal assessment, to replace it with a new, composite manhole structure, and to expand bypass pumping and piping to temporarily divert flows from the west, north and south around the junction chamber during its replacement. There is a need for additional temporary traffic control (TTC) to accommodate the bypass pumping for the junction chamber replacement along with coordination of the work with the JTA/JEA 5th Street reconstruction project immediately to the east of this project to minimize duplication of TTC implementation and roadway reconstruction. JEA also needs to provision for off gas odor control ductwork and stationary odor control equipment on the southwest corner of the 5th St. and Melson Ave intersection, which will be installed at a future date by JEA forces.

These changes in design require the additional eight tasks listed below. 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 is not required at this time, however, one will be performed once the 90% design is completed.

1. To more clearly define the limits and quantities of soils in the project area unsuitable for bedding and backfilling the proposed 20-inch PVC force main
2. Combine the discharge from the existing dual 12-inch force mains with the proposed 20-inch force main into a single, manifold 30-inch or 36-inch PVC gravity sewer that will discharge to a new 8-foot diameter (min.) composite manhole from which a 36-inch PVC gravity sewer will flow to the replaced junction manhole at the intersection of 5th Street W and Melson Avenue
3. Divert the flow from the existing 27-inch VC gravity sewer to the new composite manhole and add an odor control conduit to the south side of 5th Street W for future odor control equipment
4. Remove the existing junction manhole at the intersection of 5th Street W and Melson Avenue and replace with a composite manhole
5. Revise the project contract documents to include sewage bypass pumping and piping for the new manhole installation and existing manhole removal and replacement
6. Coordinate with the JTA 5th Street W reconstruction and JEA utility upgrade project to provide a sewage bypass pumping pipe within its project area with discharge to an existing manhole on the 36-inch Buckman WWTP trunk sewer

7. Revise the MOT/TTC plan to include road closures and detours to bypass pump sewage around the 3rd, 5th and 6th Street and Melson Avenue intersections
8. Attend additional project coordination meetings with JEA staff

The project budget details are below:

- Route Study 10% Budget: \$12,553,977.00
 - Engineering Budget: \$836,217.00
 - Construction Budget: \$11,174,800.00
 - Internal JEA Costs: \$542,960.00
- Estimate at Completion (as of 60% Design): \$12,893,315.00
 - Engineering Budget: \$938,640.00 (Mott MacDonald, CPA 179221, This Award)
 - Construction Budget: \$11,391,368.00
 - Internal JEA Costs: \$563,307.00
- Original Project Schedule:
 - Engineering Completion: February 2020
 - Construction Completion: August 2021
- Revised Schedule:
 - Engineering Completion: July 2020
 - Construction Completion: July 2022

Major Changes/Issues

Design changes, as described above, lengthened the schedule and increased the cost of engineering services. The projected construction schedule has been extended to 18 months to accommodate the updated design.

Request approval to award a change order to Mott Macdonald Florida, LLC for additional engineering for the 5th St. W. – Imeson Rd to Melson Ave – Trans – New Force Main project in the amount of \$102,423.00, for a new not-to-exceed amount of \$938,640.00, subject to the availability of lawfully appropriated funds.

Manager: DiMeo, Elizabeth A., Mgr Project Management

Director: Conner, Sean M. - Dir, Water, Wastewater & Reuse Treatment

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

APPROVALS:

Chairman, Awards Committee

Date

Manager, Capital Budget Planning

Date



Formal Bid and Award System

CPA 179221

Award #4 December 20, 2018

Type of Award Request: PROPOSAL (RFP)

Request #: 6243

Requestor Name: Betancur, Maria

Requestor Phone: (904) 665-7215

Project Title: Engineering Services for the 5th St. W. – Imeson Rd to Melson Ave – Trans – New Force Main Project

Project Number: 8004781

Project Location: JEA

Funds: Capital

Budget Estimate: \$812,542.00

Scope of Work:

This project consists of the design and engineering services during construction for the installation of approximately 18,500 feet of 16 or 20 inch sewer force main (FM), and 140 feet of 15-inch gravity sewer. This project is to provide additional capacity to dual 12-inch force mains along the project corridor, and to assess and design the removal and replacement (R&R) or retirement of the dual 12-inch lines. The project is being awarded as a design-bid-build.

Currently the majority of the Buckman Wastewater Service area west of I-95 and north of I-10 is connected by a series of 12"/12" dual pipe and 16" single pipe force main segments to the gravity trunk sewer at the Melson/5th Street intersection. The existing force mains are at capacity which has resulted in high head pressures. Peak flow velocities are above 5 feet per second. It is proposed to install a parallel 16" force main from Imeson Road to Melson Avenue to relieve current flows and accommodate future flows from the west side of the service area.

JEA IFB/RFP/State/City/GSA#: 112-18

Purchasing Agent: Kruck, Dan R.

Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
MOTT MACDONALD FLORIDA, LLC	Leslie Samei	leslie.samei@mottmac.com	220 W. Garden Street Suite 700, Pensacola, FL 32502	(850) 484- 6011	\$820,853.00

Amount for entire term of Contract/PO: \$820,853.00

Award Amount for remainder of this FY: \$730,000.00

Length of Contract/PO Term: Project Completion

Begin Date (mm/dd/yyyy): 01/02/2019

End Date (mm/dd/yyyy): Project Completion (Expected: February 2020)

JSEB Requirement: Five percent (5%) Goal

Comments on JSEB Requirements:

C&ES Consultants (MOT Engineering) = 10.85%

Meskel & Associates (Geotechnical) = 15.79%

ERS Corp. (Wetlands/Environmental) = 1.06%

BIDDERS:

Name	Amount	Rank
MOTT MACDONALD FLORIDA, LLC	\$820,853.00	1
GANNET FLEMING INC.	N/A	2
JONES EDMUNDS & ASSOCIATES INC.	N/A	3
CONSTANTINE ENGINEERING INC.	N/A	4
CMTS INC.	N/A	5
CPH INC.	N/A	6
CONSTRUCTION AND ENGINEERING SERVICES CONSULTANT'S INC.	N/A	7

Background/Recommendations:

Advertised on 07/11/2018. Ten (10) prime companies attended the mandatory pre-proposal meeting held on 07/25/2018. At proposal opening on 08/21/2018, JEA received seven (7) Proposals. The public evaluation meeting was held on 10/03/2018 and JEA deemed Mott MacDonald Florida, LLC most qualified to perform the work. A copy of the evaluation matrix and negotiated schedule and fees are attached as backup.

Negotiations with Mott MacDonald were successfully completed. The proposed engineering design fee of \$820,853.00 is one percent (1%) higher than estimated and is deemed reasonable. The engineering fee is sixteen percent (16%) of estimated construction costs. Part of the scope includes a route study to determine the best path through a congested transportation corridor. The fee is based on the worst-case route resulting from the study. If a simpler route is chosen, the fee will be reduced appropriately. JEA has received pricing for services during construction, but is not awarding it at this time due to unknown future availability of JEA staff to perform the work. If services during construction are required, JEA will compare Mott MacDonald's proposed pricing with current JEA costs, and if appropriate, a change order will be brought to the Awards Committee using the current negotiated pricing. Budget will be updated once the construction portion is bid out and awarded.

112-18 – Request approval to award a contract to Mott MacDonald Florida LLC for engineering services for the 5th St. W. – Imeson Rd to Melson Ave – Trans – New Force Main Project in the amount of \$820,853.00, subject to the availability of lawfully appropriated funds.


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

APPROVALS:

 12/20/18

Chairman, Awards Committee

Date


Operating Budgets
Manager, Capital Budget Planning

12-20-18

Date



Mott MacDonald
10245 Centurion Parkway North
Suite 320
Jacksonville, Florida 32256
T 904.203.1090 www.mottmac.com/americas
AAC000035 EB0000155 LB00006783

March 31, 2020

Maria Betancur, PE
Water-Wastewater Engineer
JEA
21 West Church Street T-4
Jacksonville, FL 32202

Subject: 5th Street W Force Main
Professional Engineering Services – Amendment No. 2 Scope and Fee
Quantifying of Unsuitable Soils and Junction MH Replacement
MM Project No. 502402368

Dear Ms. Betancur:

Mott MacDonald is pleased to submit an amendment proposal to modify the scope of work for the above referenced project to provide additional professional services. This supplemental proposal has been requested by JEA as a result of numerous meetings and communications with JEA staff as the original scope of services has been modified. These modifications included the desire to have only one discharge into the west side of the existing junction chamber to replace the existing twin 12-inch force mains, 27-inch gravity sewer and the proposed 20-inch force main; the conclusion that the condition of the existing junction chamber was unknown, but due to age and inaccessibility for an internal assessment, to replace it with a new, composite manhole structure; expanded by-pass pumping and piping to temporarily divert flows from the west, north and south around the junction chamber during its replacement; the need for additional TTC to accommodate the by-pass pumping for the junction chamber replacement; coordination of the work with the JTA/JEA 5th Street reconstruction project immediately to the east of this project to minimize duplication of TTC implementation and roadway reconstruction; and provision for off gas odor control ductwork and stationary odor control equipment on the southwest corner of the intersection in question, to be installed at a future date by JEA.

The proposed amendment scope is for the following additional professional services: 1) to more clearly define the limits and quantities of soils in the project area unsuitable for bedding and backfilling the proposed 20-inch PVC force main; 2) combine the discharge from the existing dual 12-inch force mains with the proposed 20-inch force main into a single, manifold 30-inch or 36-inch PVC gravity sewer that will discharge to a new 8-feet diameter (min.) Rockhard composite manhole from which a 36-inch PVC gravity sewer will flow to the replaced junction manhole at the intersection of 5th Street W and Melson Avenue; 3) divert the flow from the existing 27-inch VC gravity sewer to the new Rockhard composite manhole and add an odor control conduit to the south side of 5th Street W for future odor control equipment; 4) remove the existing junction manhole at the intersection of 5th Street W and Melson Avenue and replace with a USCP composite manhole; (See the attached Concept Sketch revision 2 of 2020.03.06) 5) revise the project contract documents to include sewage bypass pumping and piping for the new manhole installation and existing manhole removal and replacement; 6) coordinate with the JTA 5th Street W reconstruction and JEA utility upgrade project to provide a sewage bypass pumping pipe within its project area with discharge to an existing manhole on the 36-inch Buckman WWTP trunk sewer; 7) revise the MOT/TTC plan to include road closures and detours to bypass pump sewage around the 3rd, 5th and 6th Street and Melson Avenue intersections, and 8) attend additional project coordination meetings with JEA staff. Based on our understanding of the additional scope of services required, the following tasks are proposed.

Task 1: Additional Geotechnical Investigation

Mott MacDonald's geotechnical consultant, Meskel & Associates Engineering (MAE) has submitted the attached proposal of \$45,600.00 to provide supplemental geotechnical services, including additional soil

borings and laboratory analysis, to further define areas along the proposed 20-inch PVC force main route where existing soils are unsuitable for bedding and backfill. An additional 25-foot deep boring is proposed at the intersection of 5th Street W and Melson Avenue to evaluate soils and groundwater conditions near the junction manhole replacement. Mott MacDonald will coordinate MAE's services and review the results and recommendations from its findings. Mott MacDonald will calculate the estimated volume of unsuitable soils identified in the MAE evaluation, based on the length of area(s) defined by MAE and the use of an 8-foot wide trench box for construction, to determine the volume of soil to be removed and replaced for pipe bedding and backfill. The estimated volume and removal/replacement costs, based on recent public bid pricing, will be incorporated into the unit price estimate for the 20-inch force main installation under JEA Standards Section 801.XVII.1. The JEA cost variance documents will be adjusted accordingly for the additional material added to the force main unit price, and where the areas where unsuitable soils are expected will be identified on the drawings.

MAE recommends installing two additional groundwater sampling wells to better define the groundwater plume contaminants. Groundwater samples would be taken from the new sampling wells and the existing one, installed under the original scope of work, no later than three months prior to the start of construction for industrial discharge permitting purposes with the JEA for the dewatering discharge to its sanitary sewer collection and wastewater treatment system. A discharge plan would be presented to help JEA address the two options pertaining to the dewatering effluent discharge: either accept the dewatering effluent into its wastewater system as-is or require pre-treatment before discharge into its system.

Should JEA not be able to accept the dewatering effluent as-is, then it would need to be pre-treated before discharge to its wastewater collection and treatment system. The most common treatment methods are air stripping or carbon absorption treatment. Mott MacDonald will work with MAE to develop performance specifications, including the intermittent groundwater testing during dewatering, for FDEP and JEA approved pre-treatment methods for treating the withdrawn groundwater prior to discharge to the JEA wastewater treatment system. The dewatering treatment will be added to the bid items of work as an bid alternate. MAE and Mott MacDonald will also provide an opinion of probable cost for the pretreatment equipment and an estimate of days required for the use of pre-treatment equipment.

Task 2: Bypass Pumping and Piping

Mott MacDonald will incorporate into the contract plans and details and provide supplemental technical specifications to the JEA Standards for by-pass pumping and piping required to continuously intercept and divert sewage from the junction manhole in 5th Street W and Melson Avenue for its removal and replacement. The pump capacities and pipe sizing will be based on information provided by JEA's Water/Wastewater Planning Group for average daily and peak hour flow projections for each of the following pipe bypasses:

- 27-inch VCP in 5th Street W from the existing manhole west of the Melson Avenue intersection, east to the temporary force main in 5th Street W which will discharge into the 36-inch RCP Buckman WWTP trunk sewer.
- 30-inch RCP in Melson Avenue, north of 5th Street W from the existing manhole at 6th Street W to the temporary force main in 5th Street W which will discharge into the 36-inch RCP Buckman WWTP trunk sewer.
- 30-inch RCP in Melson Avenue, south of 5th Street W from the existing manhole at 3rd Street W to the temporary force main in 5th Street W which will discharge into the 36-inch RCP Buckman WWTP trunk sewer.

Task 3: Temporary Bypass Force Main in 5th Street

Mott MacDonald will coordinate with JEA staff and the JTA and its 5th Street W road reconstruction project consultants for the addition of a temporary 20- to 24-inch PVC force main of approximately 460 linear feet (LF) from the intersection of 5th Street W and Melson Avenue to an existing downstream manhole on the

36-inch RCP Buckman WWTP trunk sewer. The force main will convey the sewage flows from the three pumped discharges described in Task 2 and the existing dual 12-inch force mains on the south side on 5th Street W.

Task 4: Remove and Replace Manhole in 5th Street W and Melson Avenue

Mott MacDonald will revise the contract plans and details and provide supplemental technical specifications to the JEA Standards for the removal of the existing junction manhole in 5th Street W and Melson Avenue that receives sewage from existing dual 12-inch force mains, 27-inch VCP gravity sewer, and two 30-inch RCP gravity sewers and discharges into an existing 36-inch RCP trunk sewer. The junction manhole will be replaced with a USCP pre-cast composite concrete manhole structure designed to receive discharge from the existing dual 12-inch force mains, proposed 20-inch force main, and 27-inch VCP gravity sewer via a new, 36-inch PVC gravity sewer from the west, and a north and south 30-inch RCP gravity sewers and discharge into the existing eastward 36-inch RCP trunk sewer. Mott MacDonald will coordinate the manhole design with JEA staff and USCP representatives as this structure is currently listed as a JEA approved structure.

Task 5: Amended MOT/TTC Plans

Mott MacDonald's MOT/TTC traffic consultant, C&ES, will provide revisions to the current project MOT/TTC/detour plan to accommodate the above temporary sewerage diversions and bypass pumping in accordance with its attached supplement proposal in the lump sum amount of \$11,569.00.

Task 6: Additional Design Review Meetings

Mott MacDonald will attend additional design coordination/review meetings with JEA staff for the Tasks described above and issue meeting minutes upon their completion.

A breakdown on the additional fees associated with this work is attached in Table 1. The total additional lump sum fee is **\$102,423.00** resulting in a new total contract value of **\$938,640.00**. It is estimated that this additional effort will extend the engineering design and permitting schedule to July 13, 2020, as presented in the proposed project schedule below.

Project Phase / Milestones	Start Date	Completion Date	Deliverables (Reports, drawings, Specs, etc.)
Kickoff Meeting	01/23/19		Meeting Minutes
Schematic Design Phase and Route Study (10%)	01/24/19	03/25/19	10% SDD TM PDF and 5 hard copies
10% SDD Review Meeting	03/25/19		Meeting Minutes
Conceptual Design Phase (30%)	03/26/19	08/08/19	30% CDD TM PDF and 5 hard copies
30% CDD Review Meeting	08/21/19		Meeting Minutes
60% Design	08/22/19	10/24/19	Drawings/Specs PDF and 8 hard copies (6 half size and 2 full size drawings)
60% Design Review Meeting	11/8/19		Meeting Minutes
Outstanding Design Items Meeting	01/10/20		
Melson Intersection Connection Meeting with JEA	01/27/20		
90% Design	04/3/2020*	05/29/2020	Drawings/Specs PDF and 8 hard copies (6 half size and 2 full size drawings)

Project Phase / Milestones	Start Date	Completion Date	Deliverables (Reports, drawings, Specs, etc.)
90% Design Review Meeting	06/12/20		Meeting Minutes
100% Design	06/15/20	07/20/20	Drawings/Specs/Calculations PDF and 7 hard copies (5 half size and 2 full size drawings) <i>**Pending JEA and permitting comments 100% will be issued as soon as possible.</i>

*Amendment No.2 approval by 04/03/20 to maintain above schedule.

Mott MacDonald looks forward to continuing working with JEA on this very important project. Upon approval of this amendment, and issuance of the purchase order, Mott MacDonald will begin work immediately. Should you have any questions or need any additional information please contact me at 904-203-1081.

Very truly yours,



Leslie S. Samel, PE
Senior Associate
Mott MacDonald Florida, LLC

cc: File
Beth DiMeo, PE-JEA
Bruce A. Neu, PE-Mott MacDonald

JEA 5th Street Force Main - Amendment 2

Task 1: Additional Geotechnical Investigation				
Staff	Name	Rate	Total Hours	Subtotal
Project Manager	Leslie Samel	\$192	2	\$384
Pipeline Engineer	Bruce Neu	\$195	8	\$1,560
Engineer II	Francis Nguyen	\$95	20	\$1,900
		Labor Subtotal:	30	\$3,844
Task 2: Bypass Pumping and Piping				
Staff	Name	Rate	Total Hours	Subtotal
Project Manager	Leslie Samel	\$192	12	\$2,304
Pipeline Engineer	Bruce Neu	\$195	32	\$6,240
Hyd. Modeling	Michael Kane	\$155	20	\$3,100
Engineer II	Francis Nguyen	\$95	40	\$3,800
QA/QC	Paul Mourt	\$200	6	\$1,200
		Labor Subtotal:	110	\$16,644
Task 3: Temporary Bypass Force Main in 5th Street				
Staff	Name	Rate	Total Hours	Subtotal
Project Manager	Leslie Samel	\$192	4	\$768
Pipeline Engineer	Bruce Neu	\$195	16	\$3,120
Engineer II	Francis Nguyen	\$95	24	\$2,280
		Labor Subtotal:	44	\$6,168
Task 4: Remove/Replace MH in 5th St. W and Melson Ave.				
Staff	Name	Rate	Total Hours	Subtotal
Project Manager	Leslie Samel	\$192	8	\$1,536
Pipeline Engineer	Bruce Neu	\$195	20	\$3,900
Designer V	David Symmes	\$110	20	\$2,200
Engineer II	Francis Nguyen	\$95	24	\$2,280
QA/QC	Paul Mourt	\$200	6	\$1,200
		Labor Subtotal:	78	\$11,116
Task 5: Additional Design Review Meetings to 90%				
Staff	Name	Rate	Total Hours	Subtotal
Project Manager	Leslie Samel	\$192	12	\$2,304
Pipeline Engineer	Bruce Neu	\$195	12	\$2,340
Engineer II	Francis Nguyen	\$95	16	\$1,520
		Labor Subtotal:	40	\$6,164
		Totals:	302	\$43,936
		Expenses:		\$1,318
Subconsultants:				
Geotechnical: MAE				\$45,600
MOT/TTC: C&ES				\$11,569
		Subtotal:		\$57,169
		Amendment No. 2 Total:		\$102,423

January 28, 2020
Revised March 31, 2020

Mr. Bruce A. Neu, P.E.
Mott MacDonald of Florida, LLC
10245 Centurion Parkway, Suite 320
Jacksonville, Florida 32256

Subject: Proposal for Supplemental Geotechnical Exploration and Engineering Services
JEA 5th Street West – Imeson Road to Melson Avenue
Jacksonville, Florida
MAE Proposal No. 014718.4

Dear Mr. Neu:

MESKEL & ASSOCIATES ENGINEERING, PLLC (MAE) is pleased to present this proposal to provide the supplemental geotechnical exploration and engineering services for the subject project. Based on JEA's comments on Mott MacDonald's (MM) 60% Plans submittal, JEA requires a supplemental proposal and schedule by MAE for an additional geotechnical investigation to further define the limits of unsuitable soils for bedding and backfill that may be encountered for the force main installation. The majority of borings along the alignment (over 75% of borings) encountered unsuitable soil at the pipe invert elevation (bedding material). An additional boring was added at the corner of 5th Street and Melson Avenue for a replacement structure.

Generally, the original borings were spaced approximately 200 to 300 feet apart. This supplemental geotechnical investigation will include borings spaced on approximately 100 to 125-foot centers in an effort to delineate the limits of this unsuitable material, per JEA's request. Additionally, jack-and-bore (J&B) pits are shown on MM's 60% Plans at W. Palm Avenue (approximately Stations 147+75 to 149+75). Borings for these locations were NOT included in our original scope of services and are included in the supplemental scope of services shown in the following table below.

Test Location ***	Test No. & Type	Test Depth ft below ground surface
20-in. Force Main	62 SPT Borings*	12 **
Jack and Bore	2 SPT Borings*	40
Structure -5 th St & Melson Ave	1 SPT Boring*	25

* SPT = Standard Penetration Test

** Boring depth based on the pipe invert elevations shown in MM's 60% Plans Submittal

*** Refer to the attached Supplemental Boring Location Plan for approximate locations

In accordance with Florida law, we will attempt to locate existing underground utilities along the pipeline route by utilizing the Sunshine State One-Call (SSOC) system. In addition, we may need to contact FDOT for utilities within their ROW that may not be registered with the SSOC. Our estimated fee includes the cost of Maintenance of Traffic (MOT) operations.

Once the FM SPT borings are complete, they will be backfilled with native soil cuttings. Once the J&B SPT borings are completed, they will be grouted with a lean concrete mix and borings performed within the existing pavement section with soil to the bottom of base elevation, then backfilled with an asphaltic cold patch material to match the adjacent pavement surface.

The recovered soil samples will be described in the field by the field crew. The field boring logs and recovered soil samples will be delivered to our laboratory where the logs will be reviewed, and the



samples classified by a geotechnical engineer. The soil samples from the open-cut borings will be classified using the AASHTO Soil Classification System. The borings for the J&B locations will be classified using the Unified Soil Classification System.

Laboratory classification and index property tests will be performed as necessary on selected soil samples to confirm the soil classification and to provide engineering characteristics to estimate compressibility.

A geotechnical engineer, licensed in the State of Florida, will direct the geotechnical exploration and provide an engineering evaluation of the subsurface conditions encountered at the boring locations. The results of the exploration and engineering evaluation will be documented in a Addendum Report that will reference all information included in our original Geotechnical Report for the subject project.

ADDITIONAL GROUNDWATER SAMPLING

Our *Report of Groundwater Sampling and Analysis*, dated December 10, 2019, concluded that there are most likely elevated concentrations of petroleum impacts in groundwater at the Paxon Express site and potentially into the roadway right of ways. If dewatering activities in the area of the intersection of Melson Avenue and West 5th Street produces petroleum impacted groundwater that will be discharged to the storm sewer system, then this will require the procurement of a Generic Permit for Petroleum Contaminated Site under Chapter 63-621.300(1). Alternatively, the petroleum impacted groundwater can be discharged to the JEA sanitary sewer system under JEA permit. It is our understanding that a 36-inch sanitary sewer trunk line is located in this area and may potentially be used to discharge the produced petroleum impacted groundwater.

The purpose of this additional groundwater sampling and testing is to update the level of contamination within the plume within the proposed pipeline construction near the Paxon Express site. This sampling would occur within 3 months of the beginning of groundwater effluent discharge.

PROPOSED SCOPE OF WORK

The proposed scope of work will include the following:

- Mobilization to the site.
- Installation of two temporary monitoring wells.
- Groundwater sampling with field measurement of pH and turbidity, and laboratory analysis of the samples using the Kerosene Analytical Group. Sampling would occur at the two new well locations and at well location FS-TMW-2, which was installed during our previously reported groundwater sampling program.
- Preparation of a letter report presenting methods and the results of the analysis and supporting documentation.

All groundwater sampling will be performed in accordance with the FDEP's Standard Operating Procedures (SOPs) and all laboratory analysis will be performed by a State of Florida-approved laboratory. Once the test results are received, we will prepare a Discharge Plan to document the mitigation of the contaminants, if necessary, for acceptance into JEA's stormwater system.

COMPENSATION

Based on the scope of the services outlined above, we propose to complete our work for the following supplemental lump sum fee:

Geotechnical Exploration – Additional FM Borings (62 to 12-ft each)	\$13,400.00
Geotechnical Exploration – Additional J&B Borings (2 to 40-ft each)	\$ 1,500.00
Geotechnical Exploration – Additional Boring 5th St. & Melson Ave	\$ 450.00
Laboratory Testing	\$ 3,000.00
Limited Professional Services (Soil Classification, Addenda Report, Drafting)	\$ 8,750.00
Maintenance-of-Traffic (Based on number of borings)	\$ 9,000.00
Groundwater Sampling – Plume Contamination – 3 mos. Prior to construction	\$ 6,500.00
Discharge Plan	\$ 3,000.00
TOTAL SUPPLEMENTAL FEE ESTIMATE	\$45,600.00

SCHEDULE

Once authorization is received, the soil borings will be staked in the field and a utility locate request will be submitted.

Boring location and utility locate services typically take 4 to 5 days to complete. The field work will begin within two to three days following field location of the borings and confirmation that the utilities have been located and marked. It is estimated that the field work will take approximately 8 days to complete, weather permitting.

After completion of the field work, we anticipate that completing laboratory testing, visual soil classification, and our Addendum Report preparation will take approximately 2 weeks.

We will contact you immediately if we encounter subsurface conditions that could require the boring to be advanced to a deeper depth, and/or if additional engineering analysis/evaluation outside the scope of this proposal is necessary. If the borings depths are increased due to design modifications, the fee estimate and schedule noted above may need to be adjusted.

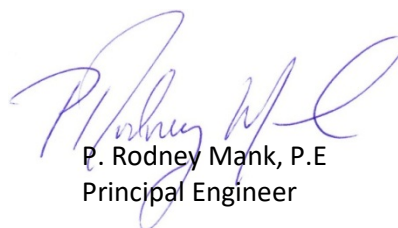
We appreciate this opportunity to provide this proposal for your project. If you have any questions concerning this proposal, or if we can serve you in any other way, please contact us.

Sincerely,

MESKEL & ASSOCIATES ENGINEERING, PLLC



Brett Harbison, P.E.
Director, Geotechnical Services



P. Rodney Mank, P.E.
Principal Engineer

Attachments: MM's 60% Plans (Supplemental Boring Locations shown)

Distribution: Mr. Bruce A. Neu, P.E. - Mott MacDonald, LLC

One (1) e-mail copy



March 10, 2020

Mr. Bruce A. Neu, P.E.
Principal Project Manager
Mott MacDonald Florida, LLC
10245 Centurion Parkway North
Suite 320
Jacksonville, FL 32256

**Re: Proposal for Consulting Services
Temporary Traffic Control (TTC) and Permitting
JEA 5th Street West: Imeson to Melson New Transmission Force Main
Jacksonville, Florida
"New Gravity Sewers, New Manholes, and Manhole Replacement"
Proposed Change Order no. 4**

Dear Mr. Neu:

Construction & Engineering Services Consultants, Inc. (C&ES) is pleased to submit the following additional fee proposal to Mott MacDonald Florida, LLC (THE CLIENT), per your request to provide Temporary Traffic Control (TTC) Design with an additional detours for the closure of the following intersections: Melson Avenue and West 6th Street; Melson Avenue and North 3rd Street Circle. These intersection closures are for the BY-PASS pumping for the removal and replacement of an existing deep sanitary sewer manhole at Melson Avenue and Norman E Thagard Boulevard/West 5th Street intersection, and installation of a two new manholes with connecting 36" gravity sewer pipes on the westside of manhole replacement. Permitting assistance for City of Jacksonville (COJ) and Florida Department of Transportation (FDOT) are also included.

The method of installation for the removal and replacement of the existing manhole, new manholes and gravity sewer pipes will be in accordance with the latest edition of the JEA Water & Sewer Standard Manual.

COMPENSATION:

C&ES proposes to perform the work for as described above for the following fees:

Original Signed Contract	\$ 89,048.00	LUMP SUM
Proposed Change Order no.4	\$ 11,569.00	LUMP SUM
TOTAL	\$ 100,617.00	LUMP SUM

Note: See attachment for detailed proposal cost.

This proposal will remain in effect for a period of 60 days from the date of this letter. Acceptance after that period is subject to a review of the conditions stated herein, and possible revision by C&ES in response to changed conditions.

If you have any questions, please do not hesitate to contact our office at 904-652-1186.

Sincerely,

CONSTRUCTION & ENGINEERING SERVICES CONSULTANTS, INC.



Claro N. Magpantay, P.E.
Senior Project Engineer
Project Manager

cc: Mr. Steven Davis
President/CEO



Original Contract Cost: \$ 89,048.00

Date: March 10, 2020

TOTAL LABOR HRS	
COST	
TOTAL LABOR	
COST	

TOTAL LABOR HRS	
COST	
TOTAL LABOR	
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TOTAL LABOR HRS	
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TOTAL LABOR HRS	
COST	
TOTAL LABOR	
COST	

TOTAL COST: \$		11,569.0
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GRAND TOTAL COST: \$		100,617.0
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Formal Bid and Award System

Award #3 April 16, 2020

Type of Award Request: BID (IFB)
Request #: 6738
Requestor Name: McDermet, David S.
Requestor Phone: (904) 665-4626
Project Title: Owens Road 16-inch Water Transmission Main
Project Number: 8004942
Project Location: JEA
Funds: Capital
Budget Estimate: \$1,566,000.00

Scope of Work:

The work consists of the installation of approximately 3,960 linear feet of 16-inch PVC water main via open cut and 1,890 linear feet of 18-inch HDPE water main via horizontal drill along Owens Road between Ranch Road and Max Legget Parkway in Duval County. This project will increase redundancy in the North Grid in the Jacksonville International Airport service territory.

JEA IFB/RFP/State/City/GSA#: 024-20
Purchasing Agent: King, David
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
T.G. UTILITY COMPANY	Alvaro Rios	estimating@tgutility.com	526 Stockton Street, Jacksonville, FL 32204	(904) 394-7222	\$1,248,207.00

Amount for entire term of Contract/PO: \$1,248,207.00
Award Amount for remainder of this FY: \$600,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 05/13/2020
End Date (mm/dd/yyyy): Project Completion (Expected: February 2021)
JSEB Requirement: Five Percent (5%) Goal
Comments on JSEB Requirements:
Donna J. Hamilton, Inc. (Pipe, Valves and Fittings) – 5%

BIDDERS:

Name	Amount
T.G. UTILITY COMPANY	\$1,248,207.00
DB CIVIL CONSTRUCTION	\$1,303,999.00
JAX UNDERGROUND UTILITIES	\$1,354,749.19
T B LANDMARK CONSTRUCTION	\$1,373,333.00
GARNEY CONSTRUCTION	\$1,490,674.00
JAX UTILITIES MANAGEMENT	\$1,660,022.50
CALLAWAY CONTRACTING	\$1,899,977.00
J. B. COXWELL CONTRACTING	\$2,164,982.00

Background/Recommendations:

Advertised on 02/14/2020. Sixteen (16) prime contractors attended the mandatory pre-bid meeting held on 02/25/2020. At Bid opening on 03/31/2020, JEA received eight (8) Bids. TG Utility Company is the lowest responsible Bidder. A copy of the Bid Form and Workbook are attached as backup.

The award amount of \$1,248,207.00 is approximately twenty percent (20%) lower than the current budget estimate due primarily to a lower unit cost for the pipe material and installation for the horizontal directional drill, and in reductions in material unit costs for pipe fittings, valves and other appurtenances; and is deemed reasonable.

The project details are below:

- Project Budget at time of Bid (100% Design): \$1,859,406.00
 - Engineering Budget (Firm: Mott MacDonald, CPA 157509): \$202,235.00
 - Construction Budget: \$1,565,298.00
 - Internal JEA Costs: \$55,992.00
- Estimate at Completion: \$1,695,430.00
 - Engineering Budget: \$202,235.00
 - Construction Budget: \$1,248,207.00 (**This Award**)
 - Internal JEA Costs: \$244,988.00
- Original Project Schedule:
 - Engineering Completion: May 2019
 - Construction Completion: Dec 2020
- Revised Schedule:
 - Engineering Completion: May 2019
 - Construction Completion: February 2021

024-20 – Request approval to award a contract to TG Utility Company for construction services for the Owens Road 16-inch Water Transmission Main project in the amount of \$1,248,207.00, subject to the availability of lawfully appropriated funds.

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

APPROVALS:

Chairman, Awards Committee	Date
-----------------------------------	-------------

Manager, Capital Budget Planning	Date
-----------------------------------------	-------------

Addendum 4 Appendix B - Bid Form
024-20 Owens Road 16-inch Water Transmission Main

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

Company Name: T.G. Utility Company, Inc.

Company's Address: 526 Stockton Street Jacksonville, FL 32204

License Number: CGC1515282

Phone Number: 904-394-7203 FAX No: 904-394-7222 Email Address: estimating@tgutility.com

BID SECURITY REQUIREMENTS

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

TERM OF CONTRACT

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

SAMPLE REQUIREMENTS

- ☒ None required
☐ Samples required prior to Bid Opening
☐ Samples may be required subsequent to Bid Opening

SECTION 255.05, FLORIDA STATUTES CONTRACT BOND

- ☐ None required
☒ Bond required 100% of Bid Award

QUANTITIES

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

INSURANCE REQUIREMENTS

Insurance required

PAYMENT DISCOUNTS

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

ENTER YOUR BID FOR SOLICITATION 024-20

TOTAL BID PRICE

Total Bid Price for the Project
(enter total from cell G34 in the Bid Workbook)

\$ 1,248,207.00

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

BIDDER CERTIFICATION

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

We have received addenda

1 through 4


Handwritten Signature of Authorized Officer of Company or Agent

03/31/2020
Date

Alvaro Rios, Project Manager
Printed Name and Title

024-20 Addendum 4 Appendix A - Bid Workbook
Owens Road 16-Inch Water Main

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

<u>Item No.</u>	<u>M & P Spec No.*</u>	<u>Units</u>	<u>Est. Qty Total</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Cost</u>
1	801.XIII.1	LF	3,800	16" PVC DR-18 (PC 235) Water Main	\$ 87.90	\$ 334,020.00
2	801.XXIV.1	LF	1,890	18" HDPEP DIPS DR-11 HDD	\$ 264.30	\$ 499,527.00
3	801.XIII.2	EA	2	18" 11.25° Bend-DI, MJ	\$ 1,198.70	\$ 2,397.40
4	801.XIII.2	EA	2	16" 11.25° Bend-DI, MJ	\$ 1,163.80	\$ 2,327.60
5	801.XIII.2	EA	2	16" 90° Bend-DI, MJ	\$ 1,294.80	\$ 2,589.60
6	801.XIII.2	EA	2	16" 45° Bend-DI, MJ	\$ 1,651.80	\$ 3,303.60
7	801.XIII.2	EA	7	16" x 6" Tee-DI, MJ	\$ 1,267.20	\$ 8,870.40
8	801.XIV.7	EA	1	16" x 12" Red-DI, MJ and Water Main Connection	\$ 1,078.00	\$ 1,078.00
9	801.XIII.2	EA	2	18" x 16" Red-DI, MJ	\$ 984.30	\$ 1,968.60
10	801.XIV.7	EA	1	20" x 16" Red-DI, MJ and Water Main Connection	\$ 1,587.90	\$ 1,587.90
11	801.XIII.2	EA	1	20" Restrained Solid Sleeve	\$ 4,023.70	\$ 4,023.70
12	801.XIII.2	EA	1	12" Restrained Solid Sleeve	\$ 2,409.70	\$ 2,409.70
13	801.XIV.3	EA	8	16" Gate Valve and Box	\$ 5,802.50	\$ 46,420.00
14	801.XIII.6	EA	135	16" Bell Joint Restraints	\$ 379.60	\$ 51,246.00
15	801.XIV.1	EA	7	Fire Hydrant Assembly	\$ 3,996.70	\$ 27,976.90
16	801.XII.1	EA	1	Remove and Replace Existing 24" MES and RCP Culvert	\$ 3,307.70	\$ 3,307.70
17	801.IX.5.	SY	123	Mill and Pave (COJ)	\$ 79.10	\$ 9,729.30
18	801.IX.5.	SY	110	Overlay Bit. Concrete Driveway to COJ Standards	\$ 77.90	\$ 8,569.00
19	801.IX.3.	SY	50	Cut and Patch Trench (COJ Case IX)	\$ 171.70	\$ 8,585.00
20	801.VIII	LF	8,090	Soil Erosion and Sediment Control	\$ 1.40	\$ 11,326.00
21	801.VIII	SY	7,452	Seeding	\$ 5.40	\$ 40,240.80
22	801.VIII	SY	800	Sodding	\$ 17.60	\$ 14,080.00
23	801.X.3	LF	40	Remove Curb (COJ)	\$ 21.50	\$ 860.00
24	801.X.6	LF	40	Replace Curb (COJ)	\$ 60.30	\$ 2,412.00
25	801.X.1	SY	210	Remove Concrete Sidewalk (5' w)	\$ 6.40	\$ 1,344.00
26	801.X.4	SY	210	Replace Concrete Sidewalk (5' w) (COJ)	\$ 48.00	\$ 10,080.00
27	801.X.1	SY	22	Remove Concrete Splash Pad	\$ 30.70	\$ 675.40
28	801.X.4	SY	22	Replace Concrete Splash Pad	\$ 90.40	\$ 1,988.80
29	801.X.5	SY	20	Gravel Drive Restoration	\$ 70.20	\$ 1,404.00
30	801.XIII.11	EA	6	Temporary Sample Tap	\$ 365.90	\$ 2,195.40
31	**2.13.8	LS	1	Testing Allowance	\$ 15,000.00	\$ 15,000.00
32	**2.17.5	LS	1	Supplemental Work Allowance	\$ 45,000.00	\$ 45,000.00

SUBTOTAL

\$ 1,166,543.80

LS 1 GENERAL/SPECIAL CONDITIONS (MAX. 10% OF SUBTOTAL)

\$ 81,663.20

TOTAL Bid Price (Subtotal plus General & Special Conditions)

\$ 1,248,207.00



Formal Bid and Award System

Award #4 April 16, 2020

Type of Award Request: GSA CONTRACT
Request #: N/A
Requestor Name: Edwards, Brandon L.
Requestor Phone: 904-665-6584
Project Title: Owner's Representative Services for Technology, Security, and Facilities Systems for new JEA Headquarters
Project Number: 8005628
Project Location: JEA
Funds: O&M
Budget Estimate: \$625,654.00

Scope of Work:

JEA is requesting to retain H. Stephen Jones (HSJ) to provide Design, Coordination, Project Management, Owner's Representation and Construction Administration services for the Technology, Security, and Facilities systems associated with the new JEA headquarters. These services include, but are not limited to, the following:

- Openings, doors, frame and door hardware
- Telecommunications systems
- Electronic safety and security systems
- Building automation systems
- Architectural and MEP coordination for low-voltage technology and security systems supporting Owner's requirements and building systems
- Coordination of Architectural components, low-voltage, AHJ / UL product verification services, IT product coordination and support, AHJ inspection support and all related AHJ final inspection processes

This award will impact the following JEA Measures of Value:

- Financial Value – Utilization of third party representatives for industry specific expertise assists JEA in receiving the best value solution on proposed projects, improving delivery and overall project cost, thereby providing financial value to JEA and the community.

JEA IFB/RFP/State/City/GSA#: GSA # Schedule 84, 47QSWA19D007N (6/12/19-6/11/2024)

Purchasing Agent: Lovgren, Rodney D.

Is this a ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
H. STEPHEN JONES AND ASSOCIATES INC.	Steve Jones	Steve_jones@hsjtech.com	11945 San Jose Boulevard, STE. 201, Jacksonville, FL 32223	904-260-0024	\$619,396.00

Amount for entire term of Contract/PO: \$619,396.00
Award Amount for remainder of this FY: \$216,738.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 04/30/2020
End Date (mm/dd/yyyy): Project Completion (Expected: September 2022)
JSEB Requirement: N/A – GSA Contract

Background/Recommendations:

JEA is in the process of designing and constructing of a new corporate downtown headquarters building. This project includes the design, coordination, and installation of numerous advanced security, facilities, and technology services systems. In addition, the project requires the integration of existing JEA systems to ensure the operational functionality and long term supportability by the respective JEA departments.

Based on the types of systems and standards employed by JEA, and the desire to enhance their level of integration in the new facility, JEA requires the services of an owner's representative that specializes in low-voltage system development, integration, and installation. The use of a specialized owner's representative will ensure all JEA standards are met, system interoperability is achieved, and all potential cost savings are realized in the project.

H. Stephen Jones & Associates is a Jacksonville based firm with a GSA contract that has established rates for the services identified in this request. The GSA Contract is 47QSWA19D007N and the period covered by Contract is June 12, 2019 - June 11, 2024. In addition, H. Stephen Jones & Associates in particular has been a JEA contractor for facilities and security services for many years with unique knowledge of JEA's security and infrastructure and protocols making them well positioned to ensure JEA receives their desired outcome in this project.

- The fiscal year expected cash flows are as follows:
 - FY20 - \$216,788.00
 - FY21 - \$201,304.00
 - FY22 - \$201,304.00

Request approval to award a contract to H. Stephen Jones & Associates Inc., for Owner's Representative Services for Technology, Security, and Facilities Systems for the new JEA Headquarters in the amount of \$619,396.00, subject to the availability of lawfully appropriated funds.

Director: Kilgo, Nancy A. - Dir Special Projects
Director: Edwards, Brandon – Director Security
VP: Vineyard, Herschel T. – Chief Administrative Officer

APPROVALS:

Chairman, Awards Committee **Date**

Manager, Capital Budget Planning **Date**



PROPOSAL FOR DESIGN, ENGINEERING, & CONSULTING SERVICES

PROPRIETARY AND CONFIDENTIAL

CLIENT:	JEA	DATE:	4.7.2020
PROJECT:	JEA Corporate Headquarters	PROPOSAL VERSION:	v.1.5
CLIENT PROJECT ID:	TBD	HSJ PROJECT ID:	430-1902
PROJECT DIRECTOR:	Brandon Edwards	PROJECT MANAGER:	Nancy Kilgo Veasey
EMAIL:	edwabl@jea.com	EMAIL:	kilgna@jea.com
PHONE:	(904) 665-6584	PHONE:	(904) 665-6439

A. | Project | Definition & Understanding

1 PROJECT DESCRIPTION:

Project | JEA Corporate Headquarters
Location | 325 W. Adams St.

Project will construct the 189,068 SF JEA Corporate Headquarters, including adjacent 1,150 space parking garage.

2 PROJECT UNDERSTANDING:

HSJ will provide design, engineering, coordination, project management, owner's representation, and construction administration services for the following base scopes of work within the project site boundary, building exterior, and building interior:

- Division 8: Openings, doors, frames, and door hardware.
- Division 27: Telecommunication systems.
- Division 28: Electronic safety and security.
- Architectural and MEP coordination for low-voltage technology and security systems supporting Owner's equipment and building systems.
- Coordination and verification of architectural components, low-voltage systems, AHJ/UL product verification services, IT product coordination and support, AHJ inspection support, and all related product support for AHJ final inspection processes.

Pursuant to JEA request, HSJ to act as "Owner's Representative" for the above identified scopes of work.

HSJ will work with JEA teams for coordination of both JEA and AHJ building codes and standards for our assigned scope of design.

3 BASIS OF SCOPE:

Documentation provided via email as well as review of existing minutes, notes and project programming documentation the owner's document management system.

4 DEFINITIONS:

OWNER	JEA	21 W. CHURCH STREET JACKSONVILLE, FL 32202
ARCHITECT	RYAN COMPANIES US, INC.	201 NORTH FRANKLIN STREET, SUITE 3500 TAMPA, FL 33602
CONSULTANT	H. STEPHEN JONES & ASSOCIATES, INC. HSJ	11945 SAN JOSE BOULEVARD, STE. 201 JACKSONVILLE, FL 32223

B. | Scope of Services | Summary Matrices

1 PROJECT PHASE MATRIX

THE FOLLOWING MATRIX SUMMARIZES HSJ'S UNDERSTANDING OF THE PROJECT'S DESIGN & CONSTRUCTION PHASES AND WHICH ARE INCLUDED IN THIS PROJECT & FEE PROPOSAL.

PROJECT PHASE	INCLUDED	EXCLUDED
SD SCHEMATIC DESIGN	✓	
DD DESIGN DEVELOPMENT	✓	
CD CONSTRUCTION DOCUMENTS	✓	
BID BIDDING & NEGOTIATION	✓	
CA CONSTRUCTION ADMINISTRATION	✓	
PM PROJECT MANAGEMENT/OWNER REPRESENTATION	✓	

2 DESIGN SCOPE MATRIX

THE FOLLOWING MATRIX SUMMARIZES HSJ'S TYPICAL OFFERINGS OF DESIGN SCOPE INCLUDED IN THIS PROJECT & FEE PROPOSAL. THE ITEMS LISTED INCLUDE COMPLETE DESIGN OF THE INDICATED SYSTEM AND/OR BUILDING COMPONENT.

	DESIGN SCOPE	INCLUDED	EXCLUDED
DIVISION 08 DOORS & HARDWARE	DOORS & FRAMES	✓	
	DOOR HARDWARE (MECHANICAL & ELECTRO-MECHANICAL)	✓	
	AUTOMATIC OPERATORS – SWING	✓	
	AUTOMATIC OPERATORS – SLIDING	✓	
DIVISION 27 TELECOMMUNICATIONS	CABLE TRAY FOR TELECOMMUNICATIONS	✓	
	TELECOMMUNICATION STRUCTURED CABLING: BACKBONE & HORIZONTAL	✓	
	TELECOMMUNICATION ROOMS & SPACES	✓	
	AUDIO VISUAL INFRASTRUCTURE	✓	
	AUDIO VISUAL SYSTEM (SEE FEE SCHEDULE)		✓
	DISTRIBUTED ANTENNA SYSTEMS DAS	✓	
	WIRELESS NETWORKS	✓	
	ACTIVE NETWORKING EQUIPMENT		✓
DIVISION 28 ELEC. SAFETY & SECURITY	ELECTRONIC ACCESS CONTROL SYSTEM (PERSONNEL)	✓	
	VEHICULAR ACCESS CONTROL SYSTEM	✓	
	PARKING ENFORCEMENT (INCLUDES LICENSE PLATE RECOGNITION)	✓	
	SURVEILLANCE SYSTEM	✓	
	PERSONNEL SCREENING SYSTEM	✓	
	VISITOR MANAGEMENT SYSTEM	✓	
	MASS NOTIFICATION & DURESS SYSTEM	✓	
	VIDEO PHONE SYSTEM	✓	
	EMERGENCY CALL STATION SYSTEM	✓	
	INTRUSION DETECTION SYSTEM	✓	
	FIRE ALARM SYSTEM ¹		✓
	SAFE HAVEN LOCATIONS ²		✓

1. FIRE ALARM SYSTEM OWNER REPRESENTATION INCLUDED IN HSJ PROJECT MANAGEMENT SCOPE, DESIGN & ENGINEERING BY OTHERS.

2. SAFE HAVEN LOCATION OWNER REPRESENTATION & PRODUCT SUPPORT INCLUDED IN HSJ PROJECT MANAGEMENT SCOPE, DESIGN & ENGINEERING BY OTHERS.

3 DESIGN COORDINATION MATRIX

THE FOLLOWING MATRIX SUMMARIZES HSI'S UNDERSTANDING OF THE ADDITIONAL SYSTEMS, BUILDING COMPONENTS AND/OR OWNER PROVIDED FIXTURES, FURNITURE AND EQUIPMENT WE WILL PROVIDE INFRASTRUCTURE AND COORDINATION ONLY OF DESIGN'S PROVIDED BY OTHERS (ADDITIONAL DOCUMENTATION REQUIRED). **DOCUMENTATION REQUIRED FROM OTHERS MUST BE PROVIDED TO THE CONSULTANT, AT MINIMUM TWO WEEKS PRIOR TO 100% CONSTRUCTION DOCUMENTS ISSUANCE FOR INCLUSION AS BASE SCOPE.**

ITEM DESCRIPTION	COORDINATION W/	INCLUDED	EXCLUDED
SECURITY SYSTEMS	JEA SECURITY, JEA FACILITIES OPERATIONS, JEA IT INFRASTRUCTURE, MEP & ARCHITECTURAL TEAM	✓	
AUDIO/VISUAL SYSTEMS	JEA SECURITY, JEA FACILITIES OPERATIONS, JEA IT INFRASTRUCTURE, MEP & ARCHITECTURAL TEAM	✓	
FIRE ALARM SYSTEM	JEA SECURITY, JEA FACILITIES OPERATIONS, JEA IT INFRASTRUCTURE, MEP & ARCHITECTURAL TEAM	✓	
PC'S, PRINTERS, PHONES	JEA SECURITY, JEA IT INFRASTRUCTURE, JEA FACILITIES OPERATIONS	✓	
ACTIVE NETWORKING EQUIPMENT	JEA IT INFRASTRUCTURE, JEA FACILITIES OPERATIONS	✓	

C. | Scope of Services | *Per Phase*

1 DESIGN DEVELOPMENT

- 1.1. Prepare DESIGN DEVELOPMENT level design drawings for areas of scope listed above in DESIGN SCOPE MATRIX.
- 1.2. Provide SPECIFICATION listing for intended spec sections as required for project for Consultant's design scope.
- 1.3. Attend DESIGN TEAM meetings scheduled by OWNER and/or ARCHITECT in person or via web-based telephone conference.
- 1.4. Provide recommendations on PRODUCT SELECTIONS and prepare manufacturer's CUT SHEETS for Owner approval.

2 CONSTRUCTION DOCUMENTS

- 2.1. Prepare CONSTRUCTION DOCUMENT level design drawings for areas of scope listed above in DESIGN SCOPE MATRIX.
- 2.2. Provide complete and final SPECIFICATIONS as required for project for Consultant's design scope.
- 2.3. Attend DESIGN TEAM meetings scheduled by OWNER and/or ARCHITECT in person or via web-based telephone conference.
- 2.4. Review LIFE SAFETY design (provided by others) and provide formal comments back to Owner/Design Team.
- 2.5. Meet with Authorities Having Jurisdiction (AHJ) as required for review of access control and door hardware design compliance with NFPA 80 & 101.
- 2.6. Incorporate infrastructure and/or supporting requirements for systems and components listed above in DESIGN COORDINATION MATRIX.
- 2.7. Provide electrical and mechanical systems requirements for TELECOMMUNICATIONS ROOMS & SPACES to MEP Engineers to support active networking equipment and required cooling of owner provided components.

3 BIDDING AND NEGOTIATION

- 3.1. Review of GENERAL CONTRACTOR bids for complete project scope for sections applicable to consultant's design scope.
- 3.2. Attend DESCOPE review meetings as applicable for consultant's design scope and provide recommendations to OWNER and/or GENERAL CONTRACTOR with evaluation of proposed construction scope's conformance with design intent and project documents.
- 3.3. Evaluate contractor provided VALUE-ENGINEERING suggestions and/or ADD-ALTERNATES or similar cost savings proposals and substitution requests and provide OWNER with written recommendations for items applicable to Consultant's design scope.
- 3.4. Coordination and negotiation with owner-selected VENDORS to obtain pre-established BULK PRICING.
- 3.5. Provide written response to BID phase requests for information.

4 CONSTRUCTION ADMINISTRATION

- 4.1. Review and provide written comment of contractor provided PRODUCT DATA, SHOP DRAWING and COORDINATION DRAWING SUBMITTALS.
- 4.2. Provide written response to CONSTRUCTION phase requests for information.
- 4.3. Provide necessary sketches required for construction coordination for consultant's scope of work.
- 4.4. Provide on-site inspection with corresponding field observation report at the following stages of construction:
 - 4.4.1. Wall Rough-in (prior to insulation and drywall installation)
 - 4.4.2. Above ceiling (prior to grid/tile/hard ceiling install)
 - 4.4.3. Substantial Completion / Punchlist

5 PROJECT MANAGEMENT/OWNER REPRESENTATION

- 5.1. Perform PROJECT MANAGEMENT of Division 08 (Doors & Hardware), Division 27 (Telecommunications), and Division 28 (Electronic Security & Safety) scopes of work within the project boundaries, including:
 - 5.1.1. Perform STAKEHOLDER MANAGEMENT for the identified scopes of work by generating Stakeholder Management Plan identifying project stakeholders, roles, responsibilities, communication information, and level of involvement throughout the project life cycle.
 - 5.1.2. Perform AGREEMENT MANAGEMENT for design subconsultants and construction subcontractors including scope definition and procurement requirements. Perform agreement implementation protocol including RFP generation, bid/quotation evaluation, qualification-based selection recommendations, and assist with subcontract execution.
 - 5.1.3. Review PROJECT SCHEDULE provided by General Contractor for the identified scopes of work, including tacking updates, milestone monitoring, and coordination with owner.
 - 5.1.4. Review PROCESS MANAGEMENT performed by General Contractor for work activities including quality assurance, communication management, and risk management.
 - 5.1.5. Assist General Contractor with CHANGE MANAGEMENT for the identified scopes of work including alternative analysis, value engineering, and associated procurement management.
 - 5.1.6. Perform SYSTEMS ACCEPTANCE including functional testing and commissioning for the defined scopes of work.
 - 5.1.7. Review PROJECT CLOSEOUT including validating deliverables, procurement closeout documentation, and lessons learned documentation.
- 5.2. Participate in OWNER ARCHITECT CONTRACTOR (OAC) meetings, as required.
- 5.3. Perform bi-weekly site visits for general oversight and project support.

D. | DELIVERABLES | *By Phase*

1 DESIGN DEVELOPMENT

- 1.1. Design Development DRAWINGS for owner comment.
- 1.2. Intended SPEC LISTING for review and comment.
- 1.3. PRODUCT recommendations and CUT SHEETS.

2 CONSTRUCTION DOCUMENTS

- 2.1. Final, Construction Document DRAWINGS.
- 2.2. Final, Construction Document SPECIFICATIONS.

3 PROJECT MANAGEMENT

- 3.1. STAKEHOLDER MANAGEMENT PLAN for the identified scopes of work, for incorporation into General Contractor documentation.
- 3.2. Provide weekly STATUS REPORTS to owner for the identified scopes of work.
- 3.3. Provide SYSTEMS ACCEPTANCE AND COMMISSIONING REPORT for the identified scopes of work for integration into General Contractor documentation.
- 3.4. PROJECT CLOSEOUT CHECKLIST DOCUMENTATION for the identified scopes of work.

E. | ADDITIONAL CLARIFICATIONS |

1 TERMS & CONDITIONS

- 1.1. Inclusive package. Omitting any portion of this scope will affect coordination of all components and overall price.
- 1.2. Services shall be invoiced monthly as listed below. Fee breakdown allocates an estimated number of hours per staff member for each phase of the project.
- 1.3. Additional services request will be issued prior to exceeding fee schedule allocation below for any outstanding scope required for project completion.
- 1.4. Additional scope requested on behalf of the owner and not listed within this base proposal will be documented as ADDITIONAL SCOPE and notification of hours used on additional scope will be shown on monthly invoice.
- 1.5. Due to the nature of the project lifecycle, time reported and charged to the project will be allocated to a specific phase, however, all phases are available at any point during the project for time reporting. All time entry information will be listed as supplemental information with the invoice.
- 1.6. Consultant shall notify and request approval from owner prior to commencing services outside of this established scope.
- 1.7. This proposal and all previous versions and subsequent addendums or amendments including drafts contain confidential information and language deemed as intellectual property of the Consultant. It may be used solely for the execution of this Agreement by both parties. No part of this proposal, agreement or any subsequent drafts may be reproduced, altered, or distributed to any third party without the Consultant's express written authorization.
- 1.8. The following items are inclusive to the project fee proposal:

- Attendance, at minimum via phone/web conference, to all regularly scheduled design coordination, preconstruction and construction coordination meetings as they pertain to the consultant's scope of work.
- Communications (Fax, internet access and e-mail)
- Consumable project supplies (reprographic materials and plotting time, computer time, drafting/modeling time and various other physical project supplies)

F. Fee | BREAKDOWN

1 2019 - HOURLY RATE CHART (GSA SCHEDULE RATES – QUANTITY DISCOUNT)

STAFF LEVEL	HOURLY RATE	STAFF LEVEL	HOURLY RATE
PRINCIPAL	\$185.83	ASSISTANT ENGINEER	\$123.75
SR. ENGINEER	\$171.17	CAD / DRAFTING	\$79.20
PROJECT MANAGER	\$148.50	ADMINISTRATIVE	\$49.50

NOTE: GSA 1% quantity discount based on final contact amount > \$200,000. Discounted amount will be retroactively applied to final invoice if this requirement is not met.

2 ANTICIPATED PROJECT SCHEDULE

PROJECT PHASE	ESTIMATED START	ESTIMATED COMPLETE
SD SCHEMATIC DESIGN	MARCH 2020	APRIL 2020
DD DESIGN DEVELOPMENT	MAY 2020	JUNE 2020
CD CONSTRUCTION DOCUMENTS	JUNE 2020	AUGUST 2020
BID BIDDING & NEGOTIATION	SEPTEMBER 2020	OCTOBER 2020
CA CONSTRUCTION ADMINISTRATION	OCTOBER 2020	SEPTEMBER 2021
PM PROJECT MANAGEMENT	OCTOBER 2020	SEPTEMBER 2021

3 PROFESSIONAL FEES SCHEDULE

Inclusive package. Omitting any portion will affect coordination of all components and overall price.

	% ALLOCATION BY STAFF TYPE						QTY. OF HOURS INCLUDED BY PHASE / TASK	MAX. NTE Value
	PRIN./PM	SR. ENG	PM	ASST. ENG	CAD / DRAFTING	ADMIN		
SCHEMATIC DESIGN	15%	37%	7%	37%	0%	5%	137	\$20,269
DESIGN DEVELOPMENT	15%	15%	3%	19%	43%	5%	1,166	\$137,864
CONSTRUCTION DOCUMENTS	21%	21%	6%	21%	26%	5%	1,538	\$204,916
BID & NEGOTIATION	8%	21%	8%	41%	17%	5%	242	\$31,357
CONSTRUCTION ADMIN.	20%	25%	12%	39%	0%	5%	509	\$74,840
PROJECT MANAGEMENT	10%	10%	75%	0%	0%	5%	1,002	\$150,150
TOTALS							4,593	\$619,396

BILLING / INVOICE METHOD | TIME & EXPENSE

4 SUBCONSULTANT FEES SCHEDULE

Subconsultant fees to be billed direct to owner. Additional subconsultants based on owner direction/approval.

AUDIO VISUAL SYSTEM DESIGN SUBCONSULTANT	COST PLUS 20%
------------------------------------------	---------------

G. AUTHORIZATION | Overview and Signatures

PAYMENT TERMS: PROFESSIONAL FEES | NET 30 DAYS FROM INVOICE
REIMBURSABLE EXPENSES | NET 10 DAYS FROM INVOICE

THE TERMS, FEES AND CONDITIONS NOTED HEREIN ARE HEREBY ACCEPTED AND AUTHORIZATION IS GRANTED FOR SERVICES TO COMMENCE.

FOR:		FOR:	H. Stephen Jones & Associates, Inc.
NAME:		NAME:	H. Stephen Jones
TITLE:		TITLE:	President
SIGNATURE:		SIGNATURE:	
DATE:		DATE:	



H. STEPHEN JONES AND ASSOCIATES, INC.

11945 San Jose Boulevard, Suite 201 | Jacksonville, FL | 32223 | www.hsjtech.com

GENERAL SERVICES ADMINISTRATION

FEDERAL SUPPLY SERVICE

AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST

Federal Supply Schedule 84

**Total Solutions for Law Enforcement, Security, Facilities Management, Fire,
Rescue**

**Contract Number:
47QSWA19D007N**

**Period Covered by Contract:
June 12, 2019 - June 11, 2024**

H. Stephen Jones & Associates, Inc.

11945 San Jose Boulevard, Suite 201

Jacksonville, FL, 32223

Phone: 904-260-0024

<https://www.hsjtech.com/>

E-Mail: lisa@hsjtech.com

Business Size: Small Business

DUNS Number: 137290958

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu-driven database system. The Internet address for GSA Advantage! is GSAAAdvantage.gov. For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at fss.gsa.gov.

ORDERING INFORMATION

1a. Authorized Special Item Numbers (SINs):

SINs 246-52 (Professional Security/Facility Management Services); 246-60-1 (Security System Integration, Design, Management, and Life Cycle Support)

1b. Lowest priced model number and lowest unit price for that model for each SIN awarded in the contract: ***See attached pricing.***

1c. Hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services: ***See attached pricing.***

2. Maximum order: ***\$200,000***

3. Minimum order: ***\$100***

4. Geographic coverage (delivery area): ***Domestic***

5. Points of production: ***United States***

6. Discount from list prices or statement of net price: ***Government net prices***

7. Quantity discounts: ***1% for single purchase order at or above \$200,000***

8. Prompt payment terms: ***Net 30 days. Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.***

9a. Government purchase cards ***are accepted*** below the micropurchase threshold.

9b. Government purchase cards ***are not accepted*** above the micropurchase threshold.

10. Foreign items (list items by country of origin): ***Not Applicable***

11a. Time of delivery: ***As negotiated at Task Order Level***

11b. Items available for expedited delivery: ***The Contractor shall deliver or perform services in accordance with the terms negotiated with the Ordering Activity.***

11c. Overnight and 2-day delivery: ***The Contractor shall deliver or perform services in accordance with the terms negotiated with the Ordering Activity.***

11d. Urgent Requirements: ***Contact Contractor***

12. F.O.B. Point: ***Not Applicable***

13a. Ordering address:

H. Stephen Jones & Associates, Inc.

11945 San Jose Boulevard, Suite 201

Jacksonville, FL, 32223

13b. Ordering Procedures: ***For supplies and services, the ordering procedures, and information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.***

- 14. Payment address: ***Same as ordering address***
- 15. Warranty provision: ***Not Applicable***
- 16. Export packing charges: ***Not Applicable***
- 17. Terms and conditions of Government purchase card acceptance (any thresholds above the micropurchase level): ***Contact Contractor***
- 18. Terms and conditions of rental, maintenance, and repair: ***Not Applicable***
- 19. Terms and conditions of installation: ***Not Applicable***
- 20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices: ***Not Applicable***
- 20a. Terms and conditions for any other services: ***Not Applicable***
- 21. List of service and distribution points: ***Not Applicable***
- 22. List of participating dealers: ***Not Applicable***
- 23. Preventive maintenance: ***Not Applicable***
- 24. Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants: ***Not Applicable***
- 25. Data Universal Number System (DUNS) number: ***137290958***
- 26. H. Stephen Jones & Associates, Inc. is registered in the System for Award Management database.

AUTHORIZED GSA SCHEDULE CONTRACT PRICING

SIN	Labor Category	GSA Price
246 52 246 60 1	Principal	\$187.71
246 52 246 60 1	Sr. Engineer	\$172.90
246 52 246 60 1	Project Manager	\$150.00
246 52 246 60 1	Assistant Engineer	\$125.00
246 52 246 60 1	BIM Manager / Lead Draftsman	\$80.00
246 52 246 60 1	Administrative**	\$50.00

SCA Matrix

SCA Eligible Contract Labor Category	SCA Equivalent Code Title	WD Number
Administrative	01020 - Administrative Assistant	2015-4539

The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the indicated (**) SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCA matrix. The prices awarded are in line with the geographic scope of the contract (i.e. nationwide).

LABOR CATEGORIES

Principal

- General oversight of all company operations and direction.
- Develops and refines new directives and techniques to enhance quality and productivity.
- Establishes company performance guidelines and expectations.
- Directs in growth and new efforts to enhance the overall customer experience and satisfaction.
- Develops and maintains relationships with key suppliers, architects, owners, and customers.
- Leads and coordinates complex task/project teams.
- Develops and applies methods, theories, and research techniques in the investigation and solution of complex and advanced systems requiring the expert application of 30 years of acquired knowledge and experience.
- Reviews standards, codes, literature, patents, and current practices relevant to the projects.
- Recommends corrections in technical applications and analyses.
- Evaluates vendor capabilities to provide required products or services.
- Provides technical consultation to other organizations, agencies, and publications.
- Possess various industry certifications lending to the credibility and reliability of the company.

Minimum Education: Bachelor's Degree

Minimum Experience: 10 years

Sr. Engineer

- Provides research, design, cost estimation, development and testing of integrated security systems.
- Manages multiple simultaneous projects.
- Meets with stakeholders, analyzes customer information, required formats, cost constraints and security needs to determine best solution to meet their needs.
- Makes recommendations concerning existing systems and equipment and it's reuse where applicable as well as designing new integrated security systems that work seamlessly together.
- Develops documentation packages and partners with operations to plan and support system installation. Directs, reviews, and approves product design and changes.
- Provides budget cost estimates for customer for specified systems and Engineered design drawings for project proposals.
- Provides technical expertise in the development of procedures to monitor the functionality of the system ensuring that it operates in conformance with specifications.
- Consults with Managerial Team on project status, proposals, and technical issues such as software design and maintenance.
- Prepares reports and correspondence concerning project specifications, activities, and status updates. Confers with customer representatives, vendors, company management and staff to establish technical specifications and to determine subject material to be developed for publication.

Minimum Education: Bachelor's Degree

Minimum Experience: 10 years

Assistant Engineer

- Assist the Sr. Engineer in providing research, design, budget cost estimation, and development integrated security systems.
- Assist in managing multiple simultaneous projects.
- Analyzes customer information, required formats, cost constraints and security needs and offers additional input to determine best solution for their applications.
- Adds an extra layer of support and makes recommendations when required in assistance of the Design Engineer and Sr. Engineer.
- Consults with Managerial Team on project status, proposals, and technical issues such as software design and maintenance.
- Prepares reports and correspondence concerning project specifications, activities, and status updates. Confers with company management and staff to establish technical specifications as directed in order to determine subject material to be developed for publication.

Minimum Education: Bachelor's Degree

Minimum Experience: 3 years

BIM Manager / Lead Draftsman

- Part of the design team responsible for drafting plans in AutoCad and BIM360
- Responsible for quality control of all documents before they are submitted and published as deliverable to the client.
- Manages all design documents for all projects. Must keep accurate record of all files and drawing revisions.
- Responsible for maintaining timely drafts that meet the clients schedule.

Minimum Education: Bachelor's Degree

Minimum Experience: 8 years

Project Manager

- Responsible for the management of assigned projects and jobs
- Responsible in assisting Principal with the development of the Scope of Work, and then writes and submits project proposals.
- Responsible for maintaining project schedule from inception to completion.
- Develops quality control procedures and schedule at various levels of completion.
- Point of Contact for the client and provides regular project updates, as well as performing project site surveys.
- Quick to identify concerns or issues that may arise, works diligently to help provide solutions to solve problems.
- Supervises all project personnel throughout the lifecycle of the project.
- Responsible for final testing and commissioning of the systems.
- Responsible for documentation close out and submission of final checklist and warranty.

Minimum Education: Bachelor's Degree

Minimum Experience: 8 years

Administrative

- The Administrative Support individual directly supports the Program Manager or Project Manager by maintaining personnel and other files.
- Prepares correspondence and schedules, and coordinates travel.
- Prepares presentations, graphics and reports, as well as supporting the development of contract deliverables.
- The Administrative Support individual performs high level secretarial work under the general supervision of the Principal.
- Prepares monthly invoicing and directs daily bookkeeping.
- He/she types and proofreads correspondence, reports, and documentation, and maintains the filing system for the department.
- The Administrative Support individual answers telephones, responds to routine questions/requests, greets visitors, schedules meetings, distributes mail, and makes travel arrangements.

Minimum Education: Associates Degree

Minimum Experience: 3 years



Formal Bid and Award System

Award #6 April 16, 2020

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Request #: 6753
Requestor Name: Brunell, Baley
Requestor Phone: (904) 665-6403
Project Title: JEA Fleet Tire Maintenance and Repair Services
Project Number: OSC2005
Project Location: JEA
Funds: O&M
Budget Estimate: \$1,237,756.00

Scope of Work:

The purpose of this Invitation to Negotiate (ITN) is to solicit pricing for JEA Fleet Tire Maintenance and Repair Services. The primary purpose of these services are to oversee all fleet tire maintenance in order to increase productivity and asset utilization to help JEA's business run as smoothly as possible for both the Energy and Water departments. The services that will be performed under this scope will be at a minimum preventative maintenance, corrective maintenance, yard checks, and road calls in order to support JEA operations.

This award impacts the following three (3) JEA Measures of Value:

- Customer Value – Ensures JEA can continue to efficiently and effectively operate the energy and water network grid.
- Community Impact Value – Minimize network outages by ensuring a high utilization rate of our Fleet Assets.
- Financial Value – This ITN aims to reduce long term operating expenses through improved maintenance practices for these items.

JEA IFB/RFP/State/City/GSA#: 018-20
Purchasing Agent: Roddy, Colin
Is this a Ratification?: No

RECOMMENDED AWARDEES:

Name	Vendor Contact	Email	Address	Phone	Amount
DAVIS TIRE CENTER, INC.	Becky Davis	becky@davis-tirecenter.com	5971 West Beaver Street, Jacksonville, FL 32254	904-503-3424	\$1,101,837.50

Amount for entire term of Contract/PO: \$1,101,837.50
Award Amount for remainder of this FY: \$153,032.99
Length of Contract/PO Term: Three (3) Years w/ No Renewals
Begin Date (mm/dd/yyyy): 05/04/2020
End Date (mm/dd/yyyy): 05/03/2023
Renewal Options: NO
JSEB Requirement: N/A - Optional

BIDDERS:

Name	Original Extended Amount	Initial Ranking	BAFO Amount	BAFO Ranking
DAVIS TIRE CENTER, INC.	\$1,111,837.50	1	\$1,101,837.50	1
BOULEVARD TIRE	\$1,141,694.20	2	\$1,117,204.20	2
CALLAGHAN TIRE	\$1,249,415.15	3	\$1,227,580.00	3

Background/Recommendation:

Advertised on 01/27/2020. Three (3) vendors attended the optional pre-response meeting on 02/10/2020. On the bid due date on 03/03/2020, JEA received three (3) Responses.

The evaluation criteria for this bid was that the lowest cost provider would win as long as the vendor met the minimum qualifications. The pricing structure was based on a percentage discount beyond what is found for the physical tires in FSA, GSA, and Sourcwell agreements, along with the services provided by the vendor. After the evaluations were complete, Davis Tire Center was determined to be the vendor that was the lowest cost Respondent to JEA for this work scope. It should be noted that the new vendor is locally owned and operated, and will be servicing JEA from road call truck servicing, yard visits, along with two different physical locations. Numerous shop locations was not a requirement as it would have been restrictive to Bidders, but provides additional operational efficiency over the current service provider which only has a single shop location.

Procurement tracks two different types of savings. The total cost difference is comparing the current pricing with the proposed pricing (+/-), which includes a \$10,000 BAFO reduction. The total sourcing savings is determined by negotiations and value added savings. Below is the breakdown:

- **Total cost difference:** \$43,787.50 (unit cost savings) = \$43,787.50
- **Total sourcing savings:** \$0.00

The award value is an estimate of the new not-to-exceed (NTE) value. These were calculated by using the existing fleet tire makeup and the corresponding projected maintenance, both preventative and corrective, that will occur in the next three (3) years. These numbers can fluctuate depending on actual usage of the vehicle, future fleet purchases and retirements, the severity and frequency of major repairs, along with fleet plans as part of JEA growth.

Request approval to award a contract to Davis Tire Center, Inc. for JEA Fleet Tire Maintenance and Repair Services in the amount of \$1,101,837.50, subject to the availability of lawfully appropriated funds.

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

APPROVALS:

Chairman, Awards Committee

Date

Manager, Operating Budgets

Date

Vendor	Total Price	BAFO SAVINGS	FY20 Value
Davis Tire	\$1,101,837.50	\$10,000.00	\$153,032.99
Boulevard Tire	\$1,117,204.20		
Callaghan	\$1,227,580.00		
Current Pricing	\$1,145,625.00		
Total Savings	\$43,787.50		

1. SERVICE IN THE DEALER SHOP	Tire Replacement Service Unit Price	THREE YEAR ESTIMATED QUANTITY	THREE YEAR TOTAL	Tire Repair Service Unit Price (Patch, Plug, Etc..)	THREE YEAR ESTIMATED QUANTITY	THREE YEAR TOTAL
Units with tires smaller than 19 1/2 inches	\$10.00	1,500	\$15,000.00	\$5.00	90	\$450.00
Units with tires 19 1/2 inches or larger	\$20.00	1,500	\$30,000.00	\$5.00	90	\$450.00
DEALER SHOP TIRE REPLACEMENT TOTAL			\$45,000.00	DEALER SHOP TIRE REPAIR TOTAL		\$900.00
2. SERVICE IN JEA YARD Normal business hours	Tire Replacement Service Unit Price	THREE YEAR ESTIMATED QUANTITY	THREE YEAR TOTAL	Tire Repair Service Unit Price	THREE YEAR ESTIMATED QUANTITY	THREE YEAR TOTAL
Units with tires smaller than 19 1/2 inches	\$10.00	1,500	\$15,000.00	\$5.00	100	\$500.00
Units with tires 19 1/2 inches or larger	\$22.00	1,500	\$33,000.00	\$5.00	100	\$500.00
JEA YARD TIRE REPLACEMENT TOTAL			\$48,000.00	JEA YARD TIRE REPAIR TOTAL		\$1,000.00
3. FRONT END ALIGNMENT SERVICE	Service Unit Price	THREE YEAR ESTIMATED QUANTITY	THREE YEAR TOTAL			
Units with tires smaller than 19 1/2 inches	\$20.00	55	\$1,100.00			
Units with tires 19 1/2 inches or larger	\$69.00	20	\$1,380.00			
FRONT END ALIGNMENT TOTAL			\$2,480.00			
4. ROAD/FIELD CALL - NORMAL BUSINESS HOURS (6AM to 5PM, MON - FRI)	During Business Hours Price	THREE YEAR # OF CALLS	THREE YEAR TOTAL			
Call Out Rate	\$44.75	150	\$6,712.50			
ROAD/FIELD CALL NORMAL HOURS TOTAL			\$6,712.50			
5. ROAD/FIELD CALL - AFTER HOURS (5PM - 6AM M-F, SAT & SUN, Holidays)	After Hours Price	THREE YEAR # OF CALLS	THREE YEAR TOTAL			
Call Out Rate	\$58.50	50	\$2,925.00			
ROAD/FIELD CALL NORMAL HOURS TOTAL			\$2,925.00			
6. WHEEL REFURBISHMENT	Normal Business Hours Price	THREE YEAR ESTIMATED QUANTITY	THREE YEAR TOTAL			
Units with tires smaller than 19 1/2 inches	\$16.00	140	\$2,240.00			
Units with tires 19 1/2 inches or larger	\$18.00	60	\$1,080.00			
WHEEL REFURBISHMENT TOTAL			\$3,320.00			
7. RETREAD PROGRAM	Service Unit Price	THREE YEAR ESTIMATED QUANTITY	THREE YEAR TOTAL			
Units with tires smaller than 19 1/2 inches	\$0.00	54	\$0.00			
Units with tires 19 1/2 inches or larger	\$100.00	15	\$1,500.00			
RETREAD TOTAL			\$1,500.00			
8. TIRE DELIVERY TO ALTERNATE VENDORS Include all fees to complete services	Per Trip Cost	THREE YEAR ESTIMATED TRIPS	THREE YEAR TOTAL			
Per Trip cost, regardless of quantity. Tire purchase invoicing and processing included.	\$0.00	71	-			
TIRE SHUTTLING THREE YEAR TOTAL			\$0.00			
9. THREE YEAR TIRE PURCHASE ALLOWANCE ESTIMATE	\$990,000.00					
10. % DISCOUNT OFF PUBLISHED FLEET/GOVERNMENT/UTILITIES PRICING AGREEMENTS	1.00%					
TOTAL - TIRE SERVICES (Transfer Total to Appendix B Response Form)	\$1,101,837.50					



Formal Bid and Award System

Award #7 April 16, 2020

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Request #: 6737
Requestor Name: Brunell, Baley
Requestor Phone: (904) 665-6992
Project Title: JEA FY21 Aerial Long Lead Time Procurement Acquisition
Project Number: 8006019 & 8006020
Project Location: JEA
Funds: Capital
Budget Estimate: \$1,355,000.00

Scope of Work:

The purpose of this Invitation to Negotiate (the "ITN") is to solicit pricing for the purchase of four (4) aerial equipment vehicles approved by the budget committee within the class categories of 223 and 226 for JEA's FY 21 requirements for replacement and expansion for the Energy department.

- Energy Replacement – Three (3) Units
- Energy Expansion – One (1) Unit

Working with the end-using group and the Fleet team, we are projecting an estimated contract spend of \$1,355,000.00. This agreement will leverage not only many different styles of vehicles it is also intended to leverage volumes of future vehicles. This solicitation will be structured for one year with a JEA discretion one year option with pricing to increase only by manufacturer suggested Retail Pricing increase level with a not to exceed amount equal to the Producers Price Index (PPI) by Industry: Automobile, Light Truck and Utility Vehicle Manufacturing (PCU336110336110).

The exact number of vehicles by vehicle class to be purchase by JEA is located below.

Group 1: Class 223 – Three (3) Three (3) Ton Digger Derrick Trucks

Group 2: Class 226 – One (1) Five (5) Ton Derrick Underdeck Winch Truck

This ITN impacts the following three (3) JEA Measures of Value:

- Customer Value – Ensures JEA can continue to efficiently operate the energy network grid.
- Community Impact Value – Minimize network outages by ensuring a high the availability of Fleet Assets.
- Financial Value –Reduce capital expenditures through aggregation of assets for these fleet needs.

JEA IFB/RFP/State/City/GSA#: 023-20
Purchasing Agent: Roddy, Colin
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Amount
RING POWER CORPORATION	Will Courtney	Will.Courtney@RingPower.com	8050 PHILIPS HWY, JACKSONVILLE, FL 32256	\$873,999.00
ALTEC INDUSTRIES, INC.	Chuck Martin	Chuck.Martin@altec.com	PO BOX 11407 BIRMINGHAM, AL 35246-0414	\$367,235.00

Amount for entire term of Contract/PO: \$1,241,234.00

Award Amount for remainder of this FY: \$0.00

Length of Contract/PO Term: One (1) Year w/One (1) Yr. Renewal

Begin Date (mm/dd/yyyy): 04/02/2020

End Date (mm/dd/yyyy): 04/01/2021

Renewal Options: One (1) – 1 Yr. Renewal

JSEB Requirement: N/A – No JSEBs available

BIDDERS:

Name	Original Amount	Initial Groupings to be Awarded	BAFO Amount	BAFO Groupings to be Awarded
ALTEC INDUSTRIES INC.	\$1,290,748.00	1	\$1,249,748.00	1
RING POWER CORPORATION	\$1,276,000.00	1	\$1,256,721.00	1

Background/Recommendations:

Advertised 01/30/2020. Two (2) companies attended the pre-response meeting on 02/10/2020. At the Response opening on 02/25/2020, JEA received two (2) Responses.

On 03/17/2020, negotiation meetings were held with the two (2) shortlisted companies, Altec Industries, Inc. and Ring Power Corporation and Best and Final Offers (BAFO) were submitted on 03/23/2020, and the two (2) shortlisted companies were deemed the lowest responsible and responsive Respondent for certain vehicle groupings.

JEA intended to award to the lowest respondent for each of the two (2) vehicle groupings of the aerial duty vehicle classes, and suppliers were encouraged to bid multiple groupings for efficiency purposes. A copy of the detailed bid analysis is attached as back up and the proposed award breakout by vehicle grouping is identified below.

Group	Description	Proposed Awardee	FY21 Requirements	Proposed Unit Pricing	Proposed Awarded Value
Group 1	Class 223 Three (3) Ton Digger Derrick Truck	Ring Power Corporation	3	\$291,333.00	\$873,999.00
Group 2	Class 226 Five (5) Ton Derrick Underdeck Winch Truck	Altec Industries	1	\$367,235.00	\$367,235.00

When comparing JEA's previous pricing for similar vehicles to the proposed winning supplier of Group 1, JEA's FY21 purchase price will be 6.32% lower (\$19,667.00 per unit) than what JEA paid in 2018. For Group 2, JEA's FY21 purchase price will be 24.52% higher (-\$72,324.00 per unit) compared to when the vehicle asset was purchased in 2017.

For Groups 1 and 2, there are several reasons contributing to the proposed increase, these are:

- The lifting capacity of the new unit will be between 15,000 lbs. and 16,000 lbs providing a range close to 5,000 lbs. higher than previous purchased unit.
- The unit has a longer length boom attachment of fifty (50) feet instead of forty seven (47) feet.

JEA should see the following benefits from these additions:

- The longer and increased capacity boom allows additional flexibility and functionality in field operations allowing the Energy group to set up farther away at the jobsite if needed and the ability to set heavier utility poles or place heavier transformers without locking out the booms.
- The ability for the Energy department to utilize less crane rentals derived from the ability to have JEA employees to complete the work.

The primary reason pricing has decreased for the Group 1 unit, despite the changes listed above and why the award is less than the budget estimate, is that the FY21 units will not have the EZ TRAC Front Drive System. This feature costs approximately \$35,000 per unit. Electing to not have this equipment upfit with this feature offset all cost increases in this grouping.

Procurement tracks two different types of savings. The total cost difference is comparing the current pricing with the proposed pricing (+/-), which includes a \$22,001.00 BAFO reduction. The total sourcing savings is determined by negotiations, BAFO savings and value added savings. Below is the breakdown:

- **Total cost difference:** \$13,323.00 (unit price increases) = (\$13,323.00)
- **Total sourcing savings:** \$22,001.00

This agreement will be structured for one (1) year with a JEA discretion one (1) year option with pricing to increase only by the vehicle's Manufacturer Suggested Retail Pricing (MSRP). However, if the MSRP increase exceeds the Producer Price Index by Industry: Automobile, Light Truck and Utility Vehicle Manufacturing (PCU336110336110) index, JEA will elect to rebid.

Request approval to award a contract to Ring Power Corporation (\$873,999.00) and Altec Industries, Inc. (\$367,235.00), for the combined purchase of four (4) vehicles within the aerial duty vehicle class categories of 223 and 226 for a total not to exceed amount of \$1,241,234.00, subject to the availability of lawfully appropriated funds.

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

APPROVALS:

Chairman, Awards Committee	Date
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Manager, Capital Budget Planning	Date
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Name	Contact Name	Email	Address	Amount
ALTEC INDUSTRIES INC	Chuck Martin	Chuck.Martin@altec.com	PO BOX 11407 BIRMINGHAM, AL 35246-0414	\$367,235.00
RING POWER CORPORATION	Will Courtney	Will.Courtney@RingPower.com	8050 PHILIPS HWY JACKSONVILLE, FL 32256	\$873,999.00
Total Award Amount				\$1,241,234.00

Name	Original Amount	Initial Groupings to be Awarded	BAFO Amount	BAFO Groupings to be Awarded	BAFO Difference
ALTEC INDUSTRIES INC	\$1,290,748.00	1	\$1,249,748.00	1	\$41,000.00
RING POWER CORPORATION	\$1,276,000.00	1	\$1,256,721.00	1	\$19,279.00

Group	Description	Proposed Awardee	FY21 Requirements	Proposed Unit Pricing	Proposed Awarded Value
Group 1	Class 223 Three (3) Ton Digger Derrick Truck	Ring Power Corporation	3	\$291,333.00	\$873,999.00
Group 2	Class 226 Five (5) Ton Derrick Underdeck Winch Truck	Altec Industries	1	\$367,235.00	\$367,235.00

Group 2	
Previous Pricing	\$294,911.00
% Increase	24.52%
Total Increase	\$72,324.00

Group 1	
Previous Pricing	\$311,000.00
% Decrease	-6.32%
Total Decrease	\$59,001.00

Initial vs. BAFO Awarded Groups	
Ring Power Group One 1 BAFO Savings	\$11,001.00
Altec Group Two 2 BAFO Savings	\$11,000.00
Total BAFO Savings	\$22,001.00

JEA FY21 Aerial Long Lead Time Procurement Acquisition

Group	FY21 Requirements	Estimated FY22 Requirements	Description	Altec Unit Price	Altec Total Price	Altec - Do you comply with all the Requirements listed in Appendix A? Yes or No	Ring Power Unit Price	Ring Total Price	Ring Power - Do you comply with all the Requirements listed in Appendix A? Yes or No
Group 1	3	3	Class 223 Three (3) Ton Digger Derrick Truck	\$294,171.00	\$882,513.00	Yes	\$291,333.00	\$873,999.00	Yes
Group 1 Total					\$882,513.00		Group 1 Total	\$873,999.00	

Group 2	1	1	Class 226 Five (5) Ton Derrick Underdeck Winch Truck	\$367,235.00	\$367,235.00	Yes	\$382,722.00	\$382,722.00	Yes
Group 2 Total					\$367,235.00		Group 2 Total	\$382,722.00	
Total Submitted Price					\$1,249,748.00		Total Submitted Price	\$1,256,721.00	

Ring Power Group One 1 BAFO Savings	\$11,001.00
Altec Group Two 2 BAFO Savings	\$11,000.00
Total BAFO Savings	\$22,001.00

JEA FY20 VEHICLE/EQUIPMENT Replacement and Expansion Plan

OLD/EXISTING UNIT NUMBER	JEA SPECIFICATION OPTIONS	COST CENTER	CUSTOMER	DEPART DETAIL	JEA CLASS CODE NEW UNITS	DESCRIPTION NEW UNITS	DIESEL, GAS, LP or ELECTRIC	ELECTIC OR WATER	FY20 REPLACEMENT COST	PROJECT #	INDEX #	ORIGINAL APPROVED CAPITAL PURCHASE, Y or N	PURCHASES ARRIVING IN FY20 or FY21
5844-20	N/A	30704	PITRE JOHN D	SSSC	223	TRUCK 3 T EXT CAB DERRICK DIGGER 50'	DIESEL	E	\$325,000.00	8006019	211-E	Y	FY21
5906-20	N/A	30704	PITRE JOHN D	SSSC	223	TRUCK 3 T EXT CAB DERRICK DIGGER 50'	DIESEL	E	\$325,000.00	8006019	211-E	Y	FY21
6006-20	N/A	30704	VILCHEZ FEDERICO ANGEL (ANGEL)	SSSC	223	TRUCK 3 T EXT CAB DERRICK DIGGER 50'	DIESEL	E	\$325,000.00	8006019	211-E	Y	FY21
EXPANSION	N/A	30705	CREEL JERRY ROBERT	SSSC	226	TRUCK 5 T DERRICK/BED WINCH 50'	DIESEL	E	\$380,000.00	8006020	211-02E	Y	FY21



Formal Bid and Award System

Award #8 April 16, 2020

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Request #: 6793
Requestor Name: Brunell, Baley
Requestor Phone: (904) 665-6992
Project Title: Trailer Mounted Four Drum P-Line Puller
Project Number: 8006019
Project Location: JEA
Funds: Capital
Budget Estimate: \$280,000.00

Scope of Work:

The purpose of this Invitation to Negotiate (the "ITN") is to solicit pricing for the purchase of two (2) Trailer Mounted Four Drum P-Line Pullers approved by the budget committee within the vehicle class category of 420 for JEA's FY 20 requirements for expansion and planned and budgeted replacement for the Energy department.

- Energy Expansion – 1 Unit
- Energy Replacement – 1 Unit

This solicitation and agreement(s) will be structured for one year with a JEA discretion one year option with pricing to only increase or decrease with the manufacturer suggested retail pricing (MSRP) with a not to exceed amount equal to the Producers Price Index (PPI) by Industry: Automobile, Light Truck and Utility Vehicle Manufacturing (PCU336110336110).

This ITN impacts the following three (3) JEA Measures of Value:

- Customer Value – Ensures JEA can continue to efficiently and effectively operate the energy network grid.
- Community Impact Value – Minimize network outages by ensuring a high the availability of Fleet Assets.
- Financial Value – This ITN aims to reduce capital expenditures through aggregation of assets for these fleet needs.

JEA IFB/RFP/State/City/GSA#: 98667
Purchasing Agent: Knox, Sean
Is this a ratification?: NO
If yes, explain:

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
RING POWER CORP.	Will Courtney	Will.Courtney@RingPower.Com	500 World Commerce Pkwy, St. Augustine, FL 32092	904-256-1790	\$320,030.00

Amount for entire term of Contract/PO: \$320,030.00
Award Amount for remainder of this FY: \$320,030.00
Length of Contract/PO Term: One (1) Year w/One (1) Yr. Renewal
Begin Date (mm/dd/yyyy): 04/23/2020
End Date (mm/dd/yyyy): 04/22/2021
Renewal Options: One (1) – 1 Yr. Renewal
JSEB Requirement: N/A

Background/Recommendations:

The initial informal bid was released on 01/06/2020. Two (2) companies attended the pre-response meeting on 01/15/2020. On the bid due date of 01/27/2020, JEA received two (2) responses.

On 02/4/2020, negotiation meetings were held with the two (2) shortlisted companies: Sherman + Reilly, Inc. and Ring Power Corporation. Best and Final Offers (BAFO) were submitted on 02/21/2020.

The purpose of the Class 420 Trailer Mounted Four Drum P-Line Puller is to pull the distribution bull line/rope on the electric distribution pullers to the distribution conductor reel. Once the distribution puller bull line/rope is pulled and in place, it is attached to the distribution conductor/cable and the distribution conductor/cable is pulled in place.

JEA intends to award to the lowest cost respondent for the one (1) vehicle grouping of the Class 420 Trailer Mounted Four Drum P-Line Pullers. After receipt of the BAFO's, it was determined that Ring Power Corporation would be the lowest cost respondent for the bid solicitation.

Name	Original Amount	Initial Groupings to be Awarded	BAFO Amount	BAFO Groupings to be Awarded
RING POWER CORPORATION	\$320,030.00	1	\$320,030.00	1
SHERMAN + REILLY	\$419,208.24	0	\$419,208.24	0

There is no direct comparison to the existing fleet, as the newer units have twice the pulling capacity of the current model (they are equipped to have a 2000 LB max pull vs the old machine has a 1000 LB max pull). For this bid, there is no BAFO savings, as neither suppliers adjusted pricing during the BAFO process.

- **Total cost difference:** \$168,030.00 (cost increase)
- **Total sourcing savings:** \$0.00

This agreement will be structured for one (1) year with a JEA discretion one (1) year option with pricing to increase only by the vehicle's Manufacturer Suggested Retail Pricing (MSRP). However, if the MSRP increase exceeds the Producer Price Index by Industry: Automobile, Light Truck and Utility Vehicle Manufacturing (PCU336110336110) index, JEA will elect to rebid.

Request approval to award a contract to Ring Power Corporation for the purchase of two (2) Class 420 Trailer Mounted Four Drum P-Line Puller in the amount of \$320,030.00, subject to the availability of lawfully appropriated funds.

Manager: Pearson, Kenny – Procurement Category Manager

Director: McCollum, Jenny – Director, Procurement Services
VP: McCarthy, John – VP Logistics & Chief Supply Chain Officer

APPROVALS:

Chairman, Awards Committee	Date
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Manager, Capital Budget Planning	Date
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ITN 98667 Trailer Mounted Four Drum P-Line Puller Procurement Acquisition											
Group	FY20 Requirements	Estimated FY21 Projected Requirements	Description	Last Price Paid	Last Price Paid Total	Ring Power Unit Price	Ring Power Total Price	Ring Power - Do you comply with all the Requirements listed in Appendix A? Yes or No	Sherman + Reilly Unit Price	Sherman + Reilly Total Price	Sherman + Reilly - Do you comply with all the Requirements listed in Appendix A? Yes or No
Group 1	2	2	Class 420 Trailer Mounted Four Drum P-Line Puller	\$76,000.00	\$152,000.00	\$160,015.00	\$320,030.00	No	\$209,604.12	\$419,208.24	No
				Group 1 Total	\$152,000.00	Group 1 Total	\$320,030.00		Group 1 Total	\$419,208.24	
				Cost Increase	110.55%						
				Cost Increase	\$84,015.00						
				Cost Increase	\$168,030.00						

	Ring Power	Sherman + Reilly	Technical Specification Section	Vendor Exception Details (RING POWER EXCEPTION) (SHERMAN + REILLY EXCEPTION)
BAFO	\$ 160,015.00	\$ 209,604.12		
BAFO Extended)	\$ 320,030.00	\$ 419,208.24		
	Additional Cost to Meet Technical Specification			
	-	-	3.3 - Line speed: Average 4 MPH.	NOT AN EXCEPTION MAX Line Speed is 4 MPH; not average line speed
	\$450 (\$900)	-	5.3 - SEAT: Swiveling High Back Seat with Collapsible Armrest.	Non-swivel seat
	\$1,800 (\$3,600)	-	5.4 - TINTED TRANSPARENT PLEXIGLAS ROOF COVER: Mount Over Operator Station.	Full Steel Canopy
	-	-	6.4 - Tires, 215/75R/17.5.	Tire Size: 235/85R16 Tire Size: 235/75R17.5
	-	-	6.5 - Aluminum Weatherproof Lockable Bin with Coffin Lid, 24" LONG X 18" DEEP X 10" WIDE (Storage). Location TBD.	No Lockable Bins No Lockable Bins
	-	-	11.1 - Diesel engine with 12 Volt electrical system, electric start & lockable sound attenuated canopy (69 dba at 30 feet).	NOT AN EXCEPTION Approximately 60.8 DBA @ 30 ft - Quoted 76 DBA @ 7 meters Quoted <69 DBA @ 30 ft.
	\$3,500 (\$7,000)	-	14.1 - Minimum 2 year warranty and all standard manufacturer warranties including component warranties.	12 month warranty only
	-	-	15.8 - All units, attachments, products and services must meet and comply with all applicable regulations and specifications including but not limited to Federal and State Laws, OSHA Regulations, ANSI Standards, DOT Regulations and ASTM Standards. All units must be delivered to the JEA Fleet Facility with a minimum ¾ tank of fuel. Contact Thurman McGlothlin at 904-576-9382 48 hours prior to delivery. Delivery times are Monday through Friday 07:00 AM – 03:00 PM at 5717 New Kings Road Jacksonville Florida, 32209.	NOT AN EXCEPTION Meets all DOT Regulatory Requirements; were taking exception to there being no standard DOT numbers specified.
	\$11,500	-		
	\$ 331,530.00	\$ 419,208.24		

JEA FY20 VEHICLE/EQUIPMENT Replacement and Expansion Plan

OLD/EXISTING UNIT NUMBER	JEA SPECIFICATION OPTIONS	COST CENTER	CUSTOMER	DEPART DETAIL	JEA CLASS CODE NEW UNITS	DESCRIPTION NEW UNITS	Bid Type	DIESEL, GAS, LP or ELECTRIC	ELECTIC OR WATER	FY20 REPLACEMENT COST	INDEX #	ORIGINAL APPROVED CAPITAL PURCHASE, Y or N
EXPANSION	N/A	30704	PITRE JOHN D	SSSC	420	TRAILER P-LINE PULLER 4-DRUM	Trailer	DIESEL	E	\$140,000.00	211-02E	Y
6093-20	N/A	30704	YEAGER JAMES A (ANDY)	WSSC	420	TRAILER P-LINE PULLER 4-DRUM	Trailer	DIESEL	E	\$140,000.00	211-E	Y



Formal Bid and Award System

Award #9 April 16, 2020

Type of Award Request: CHANGE ORDER
Request # 6791
Requestor Name: Hallock, Peter
Requestor Phone: (904) 665-8689
Project Title: Southwest/Arlington East Service Areas Infiltration and Inflow Study and Remediation Plan
Project Number: 8004364
Project Location: JEA
Funds: Capital
Budget Estimate: N/A

Scope of Work:

The scope of work is for engineering services for performing a hydraulic condition assessment including smoke testing, flow monitoring, closed circuit television inspection, manhole inspection and preparation of a comprehensive Infiltration and Inflow (I&I) Reduction Plan report. The study area includes over ninety (90) miles of gravity sewer lines in twenty-five (25) pump station sub-basins within the Southwest and Arlington East Service Areas.

JEA IFB/RFP/State/City/GSA#: 111-17
Purchasing Agent: Kruck, Dan
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
WRIGHT-PIERCE	Steven Hallowell	steve.hallowell@wright-pierce.com	601 South Lake Destiny Rd. Ste. 290, Maitland, FL 32751	(407) 906-1776	\$258,865.84

Amount of Original Award: \$1,688,162.00

Date of Original Award: 03/08/2018

Change Order Amount: \$258,865.84

List of Previous Change Order/Amendments:

CPA #	Amount	Date	Reason
172993	\$73,231.23	06/11/2018	Additional flow meters at JEA pump stations

New Not-To-Exceed Amount: \$2,020,259.07

Length of Contract/PO Term: Project Completion

Begin Date (mm/dd/yyyy): 03/16/2018

End Date (mm/dd/yyyy): Project Completion (Expected: November 2020)

JSEB Requirement: Ten Percent (10%) Evaluation Criteria

Comments on JSEB Requirements:Original Award

Four Waters Engineering, Inc. (I&I Field Services) - 10.3%

Meskel & Associates Engineering (Piezometer Installations) - 1.5%

Total: 11.7%

Change Order 1

N/A

This Change Order

Four Waters Engineering (I&I Field Services) – 11.85% (of this change order)

Background/Recommendations:

Originally approved by Awards Committee on 03/08/2018 in the amount of \$1,688,162.00 to Wright-Pierce. A copy of the original award is attached as backup. A previous change order was approved for \$73,231.23 on 06/11/2018.

This award request is for a change order to the engineering study contract of Wright-Pierce for the Southwest/Arlington East Service Areas Infiltration and Inflow Study and Remediation Plan. This increase is for an additional study of the Southwest Service Area. An additional change order will be required under the original contract for the engineering services to design the solutions for the issues discovered under the study.

This change order request will provide additional CCTV inspections for approximately 15,000 feet of gravity sewer lines and inspections of 221 manholes within the Southwest Service Area. The additional inspections are necessary due to an increase of I&I in the Southwest Service Area. Having Wright-Pierce perform these inspections provides time savings from soliciting another firm and will allow one design contract for the engineering solutions for I&I issues in the Southwest Service Area matching the intent of the original contract. The original contract hourly rates were used for this change order. A budget trend is not required for this change order due to less than expected billing for this project during this fiscal year.

Request approval to award a change order to Wright-Pierce for additional engineering study work for the Southwest/Arlington East Service Areas Infiltration and Inflow Study and Remediation Plan in the amount of \$258,865.84, for a new not-to-exceed amount of \$2,020,259.07, 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:

Chairman, Awards Committee	Date
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Manager, Capital Budget Planning	Date
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Formal Bid and Award System

CPA 172993

Award #4 March 8, 2018

Type of Award Request: PROPOSAL (RFP)
Request #: 3937
Requestor Name: Cadle, Robert B. - Dir W/WW Reuse Delivery & Collection
Requestor Phone: (904) 665-4498
Project Title: Southwest/Arlington East Service Areas Infiltration and Inflow Study and Remediation Plan
Project Number: 8004364
Project Location: JEA
Funds: Capital
Award Estimate: \$1,849,600.00

Scope of Work:

The scope of work is for engineering services for performing a hydraulic condition assessment including smoke testing, flow monitoring, closed circuit television inspection, manhole inspection and preparation of a comprehensive Infiltration and Inflow (I/I) Reduction Plan report. The study area includes over ninety (90) miles of gravity sewer lines in twenty-five (25) pump station sub-basins within the Southwest and Arlington East Service Areas.

This is Phase I of a three (3) phase project. Phase II will involve the design of selected recommended I/I reduction projects, including survey, geotechnical, environmental, preliminary design, final design and permitting services. Phase III will involve bidding assistance and construction services for the I/I reduction projects.

JEA IFB/RFP/State/City/GSA#: 111-17
Purchasing Agent: Kruck, Daniel Robert (Dan)
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
WRIGHT-PIERCE	Steven Hallowell	Steve.hallowell@wright-pierce.com	601 South Lake Destiny Rd. Ste. 290, Maitland, FL 32751	(407) 906-1776	\$1,688,162.00

Amount for entire term of Contract/PO: \$1,688,162.00
Award Amount for remainder of this FY: \$1,063,431.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 03/16/2018
End Date (mm/dd/yyyy): Project Completion (Estimated September 2019)
JSEB Requirement: Evaluation Criteria (10%)

Comments on JSEB Requirements:

Total JSEB Participation = 11.8%
 Four Waters Engineering, Inc. (I/I Field Services): 10.3%
 Meskel & Associates Engineering (Piezometer Installations): 1.5%

BIDDERS:

Name	Amount	Rank
WRIGHT-PIERCE	\$1,688,162.00	1
MCKIM & CREED, INC.	N/A	2
CPH INC.	N/A	3

Background/Recommendations:

Advertised 07/07/2017. Nine (9) companies attended the mandatory pre-proposal meeting on 08/08/2017. At Proposal opening on 08/22/2017, JEA received three (3) Proposals. The Proposals were independently evaluated and scored. The public evaluation meeting was held on 11/02/2017, and JEA deemed Wright-Pierce most qualified to perform the work. A copy of the Evaluation Matrix is attached.


The proposed total negotiated engineering fee of \$1,688,162.00 (based on hourly rates and reimbursable expenses), for Phase I of the project, is deemed reasonable. The proposed fee is \$161,438.00 (9%) lower than the project estimate. A copy of the final scope and fee is attached as backup.

111-17 - Request approval for the award of a contract to Wright-Pierce for engineering services for the Southwest/Arlington East Service Areas Infiltration and Inflow Study and Remediation Plan in the amount of \$1,688,162.00, 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:

 3-8-18

Chairman, Awards Committee **Date**

 3-8-18

Manager, Capital Budget Planning **Date**

 3-8-18

Operating Budgets **Date**

March 12, 2020
W-P Project No. T15119

Mr. Peter C. Hallock, PE, Development Project Administrator
JEA Project Engineering
21 West Church Street T-4
Jacksonville, FL 32202-3139

Subject: Contract 172993 - Southwest/Arlington East Service Areas I&I Study and Remediation Plan
Draft Amendment No. 3 – Additional I&I Services
Jacksonville, FL

Dear Mr. Hallock:

As discussed, this is Amendment No. 3 to our March 26, 2018 Contract to conduct additional infiltration and inflow (I&I) source investigation services within the Southwest-Arlington East Service Area for JEA in Jacksonville, FL. Our Amendment is based on the recommendations summarized in our October 31, 2019 Final Infiltration and Inflow Plan for the Southwest/Arlington East Services Area and discussions with JEA personnel. From our discussions, JEA desires to proceed with performing Immediate Corrective Action and Priority I Improvements to the existing collection system. A description of these tasks and improvements are:

Immediate Corrective Action Tasks - These tasks will address sewer system issues in sewer pipes and manholes that may contribute I/I to the sanitary sewer system and increase the magnitude and/or potential occurrence of SSOs in 23 Basins (1, 2, 3, 4, 6, 8, 9, 10, 11, 14, 15, 17, 19, 20, 21, 22, 23, 25, 30, 31, 32, 34, 35) including:

- Replace 27 vented sewer manhole covers and frames with JEA standard frame and covers in Basin 14. This task will be performed by JEA maintenance staff.
- Perform 221 Level 2 Sewer Manhole Inspections in Basins (1, 2, 3, 4, 6, 8, 9, 10, 11, 14, 15, 17, 19, 20, 21, 22, 23, 25, 30, 31, 32, 34, 35).
- Perform Closed Circuit Televised (CCTV) Inspections on approximately 13,600 linear feet of sewers in Basins 1, 3, 4, 11, 14, 15, 20, 22, 25, 32, 34 & 35.
- Replace 129 defective cleanout caps. This task will be performed by JEA maintenance staff.
- Replace 37 defective lamphole caps. This task will be performed by JEA maintenance staff.
- Refer to **Figure 1** in **Appendix A** for additional information.

Priority I Collection Improvements - These tasks will address sewer system issues in sewer pipes and manholes that have limited hydraulic capacity and contribute I/I in the system and have a high likelihood of failure in 8 Basins (3, 4, 9, 14, 20, 22, 32, 34) including:

- Perform 14 sewer service lateral repairs. This task will be performed by JEA maintenance staff.
- Perform 8 collection system point repairs. This task will be performed by JEA maintenance staff.



- Replace 15 sewer laterals to the property line with new PVC sewer laterals. This task will be performed by JEA maintenance staff.
- Replace 10 existing sewer segments with new PVC pipe. This task will be performed by JEA maintenance staff.
- Replace approximately 630 linear feet of existing 8-inch diameter vitrified clay pipe with new PVC pipe. This task will be performed by JEA maintenance staff.
- Clean approximately 700 linear feet of collection sewer pipes in Basins 20 & 22.
- Perform Closed Circuit Televised (CCTV) Inspections on approximately 1,400 linear feet of sewers in Basins 4, 14, 20, 22 & 34.
- Refer to **Figure 1** in **Appendix A** for additional information.

Based on our current understanding of the project, discussions and preliminary pre-scope of services workshop meeting with JEA personnel, the project goals, and experience with other I/I Studies and rehabilitation projects, our proposed scope of services is as follows:

Scope of Services

1.0 Phase III Source Investigation Tasks:

1.1 Project Management:

- A. Set up project and perform project management activities including:
 1. Daily communication with JEA, **Four Waters Engineering, Inc. (FWE) of Jacksonville Beach, FL** and W-P staff
 2. Preparation of W-P Work Plan
 3. Coordination of field and internal works with W-P staff and subconsultants
 4. Preparation and execution of subconsultants agreements
 5. Preparation of monthly status reports
 6. Review of project related monthly expenses including subconsultant invoices
 7. Preparation of monthly invoices, JSEB compliance report and cash flows tables
 8. Project closeout

1.2 Kick-Off Meeting:

- A. Prepare for and attend an initial kick-off meeting with JEA, **FWE** and W-P project team members. At the meeting, conduct the following:
 1. Introduce key project members from JEA and W-P, establish schedules for deliverables and workshop meetings, and establish procedures for effective communication and project data exchange between W-P and JEA throughout the project.
 2. Prepare and distribute meeting minutes via W-P SharePoint Website.
- B. Deliverables:
 1. Kick-off meeting agenda
 2. Kick-off meeting minutes. Save meeting minutes on W-P SharePoint Website
 3. A schedule for project deliverables for the rest of the project



- 1.3 Collect and Review Available Background Information:
 - A. Current information received to date:
 - A. GIS collection and pump station information for Southwest/Arlington East Service Area.
 - B. Preliminary list of information to be requested by W-P:
 1. Updated GIS collection and pump station information for entire Southwest/Arlington East Service Area. GIS information to be read access only.
 - C. Deliverables:
 - A. None
- 1.4 Progress Meetings:
 - A. Prepare for and attend monthly progress meetings with JEA, **FWE** and W-P. A total of five meetings is assumed for the Phase I Source Investigation. For each meeting, we will conduct the following:
 1. Prepare and email agenda.
 2. Prepare monthly progress memos along with pertinent draft I&I Reports or Memos.
 3. Prepare and distribute meeting minutes via W-P SharePoint Website.
 - B. Deliverables:
 1. Monthly Progress Meeting Agenda.
 2. Monthly Meeting Minutes. Save meeting minutes on W-P SharePoint Website.
- 1.5 Closed-Circuit Televised (CCTV) Inspections:
 - A. Coordinate with subcontractor to conduct CCTV inspections for approximately 15,000 linear feet of gravity sewer lines within 14 Basins (1, 3, 4, 11, 14, 15, 20, 22, 25, 32, 34 & 35). For this task, we will utilize **HydroMax USA of Norfolk, VA** to conduct the CCTV inspections.
 - B. CCTV Inspection Services shall include:
 1. Prior to conducting any CCTV work, prepare for and conduct a work plan meeting with JEA, **FWE**, W-P, and **HydroMax USA** to review sewer sections to have CCTV inspections performed. Note that this meeting will be conducted during a monthly progress meeting. During the meeting, discuss implementation schedule, public notification procedures, use of JEA water, traffic control, work hours, disposal of grit, etc.
 2. Prior to performing any CCTV work, W-P will notify residents and emergency response personnel of the CCTV activities. The notification may include placement of doorknob hangers in the area where CCTV services will occur. JEA will provide doorknob notifications to W-P. W-P and **FWE** will hand deliver doorknob notifications prior to each respective CCTV area. This task will also include for W-P to contact JEA Project Outreach and Dispatch Center each day and tell them where CCTV activities will be occurring.
 3. **HydroMax** to utilize software compatible with JEA's GIS system. CCTV inspections will be conducted, and data collected in accordance with NASSCO PACP standards with NASSCO certified software, version 7.0. The *Pipeline Assessment Certification Program* (PACP) "ratings" are separated into *Structural and Operations and Maintenance* (O&M) categories and will be used to develop independent plans for future rehabilitation and maintenance programs.
 4. Coordinate and conduct light cleaning and CCTV inspection for the prioritized sewer lines. Note that cleaning services will require JEA to provide access to all sewer manholes including identifying a location (via a local hydrant) where the subcontractor can obtain



water, and JEA will cover payment of water costs. **HydroMax** will secure a water meter from JEA to be used to measure water usage. Each day, **HydroMax** will record the location where water is drawn, and water used. **HydroMax** will submit this documentation to W-P and JEA.

5. **HydroMax** will provide a person to periodically monitor TV inspection work over the determined period. Where required, **HydroMax** will be responsible for coordinating, obtaining and processing for payment of police detail services for traffic control. In addition, **HydroMax** will transport collected sediment to JEA's Buckman Water Reclamation Facility for disposal.
 6. **FWE** will provide a *NASSCO PACP* certified person to observe and monitor the CCTV work conducted by **HydroMax**.
 7. Coordinate and provide traffic control as necessary per **Task 1.8**.
 8. Coordinate and provide security for the field crew as necessary per **Task 1.9**.
 9. It is estimated that the CCTV inspection work will be conducted within 45 days.
 10. Prepare and submit draft report on CCTV inspections to JEA. The draft report will include CCTV inspection logs, and electronic digital video files. GIS data layer(s), exportable to Microsoft Access, for the compiled results of the gravity pipe CCTV inspection will be provided for JEA to integrate into JEA's GIS.
 11. As necessary, meet with JEA to present and review draft CCTV Inspection Report.
 12. Findings and recommendations will be incorporated in the Final Phase III Source Investigation I&I Reduction Plan Report as indicated in **Task 1.7**.
- C. Deliverables:
1. Draft CCTV Inspection Memorandum with thumb drive of back up data
 2. Save an electronic copy of the draft CCTV Inspection Memorandum on W-P SharePoint Website.

1.6 Manhole Inspections:

- A. Prepare for and conduct *NASSCO Level 2 Condition Assessment Inspection* manhole inspections in twenty-three (23) basins totaling approximately 221 manholes. This task will be conducted simultaneously with CCTV inspection work and conducted within 30 days.
- B. The manhole inspections shall be conducted by W-P with assistance from **FWE**.
- C. Manhole Inspection Services include:
 1. Prior to conducting the manhole inspections, prepare for and conduct a work plan meeting with JEA and W-P to review the implementation schedule, public notifications, traffic control requirements, reporting forms and deliverable requirements. (Note that this meeting can be conducted during a monthly progress meeting).
 2. Manhole inspections will utilize an electronic form (i.e. Pipelogix) to collect inspection data that meets *NASSCO's Manhole Assessment Certification Program (MACP)* standards. The manhole structures will be inspected by utilizing a top-side "pole"-type zoom camera.
 3. Data to be recorded includes manhole/structure physical information (size, material), direction of flow, and observations of defects or potential problems. The pole camera will be utilized to document the condition of appropriate components of the manhole or structure, including but not limited to the frame adjustment collar, chimney, cones, walls, bench, channels, and pipe seals. The pipe diameter and manhole rim-to-invert measurement for pipe connecting in each manhole will be measured as part of the inspection. Pipe invert elevations



will be determined to within 0.1-foot accuracy. Results of visual or camera-based pipe inspections will be recorded and included in the project report.

4. Coordinate and provide traffic control as necessary per **Task 1.8**.
 5. Coordinate and provide security for the field crew as necessary per **Task 1.9**.
 6. Review and analyze manhole inspections for preparation of results and recommendations.
 7. Prepare and submit a draft manhole inspection memorandum summarizing the results to JEA. The report will include the inspection logs, digital photographs and documentation of identified O&M defects found during the inspections. The inspection logs and photographs will be incorporated into JEA's GIS data layer(s), exportable to ERSI ArcMap Format, so that the information can be integrated into JEA's GIS.
 8. As necessary, meet with JEA to present and review draft manhole inspection memorandum.
 9. Findings and recommendations will be incorporated in the Final Phase III I&I Reduction Plan Report as indicated in **Task 1.7**.
- D. Deliverables:
1. Draft Manhole Inspection Memorandum with thumb drive of back up data
 2. Save an electronic copy of the draft Manhole Inspection Memorandum on W-P SharePoint Website.

1.7 Phase III Source Investigation I&I Reduction Plan:

- A. Based on the results of the CCTV inspections, manhole inspections, prepare a draft Phase III Source Investigation I&I Reduction Plan Report summarizing the following:
1. Background information for each sub-basin area
 2. Gravity sewer CCTV inspections, videos and results
 3. Manhole inspections, photographs and results
 4. A table that summarizes the identified I&I private and public sources. For each source, include:
 - a) Identification of structural and O&M issues
 - b) Identification, location, and quantification of I&I
 - c) A cost-effective removal analysis
 5. Evaluate alternatives to reduce I&I to the collection system including:
 - a) Manhole rehabilitation
 - b) Chemical grouting of leaking joints
 - c) Cured-in-place pipe (CIPP) lining of structurally defective pipes
 - d) Excavated spot repairs of severe structurally defective pipes
 - e) Sealing of service connection taps
 6. Rehabilitation and maintenance program recommendations
 7. Preliminary and total project cost estimates
 8. Appendices listing the results
- B. Prepare and submit a draft pdf copy of the Phase III Source Investigation I&I Reduction Plan Report to JEA.
- C. Meet with JEA to present and review draft Phase III Source Investigation I&I Reduction Plan Report.
- D. Based on the meeting and comments, update and submit a Final Phase III Source Investigation I&I Reduction Plan Report to JEA.
- E. Deliverables:



1. Submit five (5) copies of the final copy of the Phase III Source Investigation I&I Reduction Plan Report to JEA.
2. Submit a disc with an electronic copy of the Final Phase III Source Investigation I&I Reduction Plan Report
3. Save an electronic copy of the Final Phase III Source Investigation I&I Reduction Plan Report on W-P SharePoint Website.

1.8 Maintenance of Traffic Control Services:

- A. Coordinate and provide maintenance of traffic control for the field services noted above and as necessary for the duration of the project. Traffic control supervisors shall be Florida and FDOT certified. Traffic control will include implementation and maintaining traffic control at the sites during the requested period(s). Implementation and maintaining traffic control will include 2 flaggers, supervisor, signs, cones along with the set and maintenance of signs and cones for any type of lane closures. For this task, we will utilize ***ACME Barricades, Inc. of Jacksonville, FL.***
- B. For this task, we have estimated an allowance of \$6,000. The allowance is based on five (5) daytime 8-hour days (\$1,200/day).

1.9 Security Services:

- A. Coordinate and provide security for the field crews noted above and as necessary for the duration of the project. Security services will consist of a qualified person who will monitor the project area while W-P and subconsultants conduct their respective work. For this task, we will utilize ***First Security Services, LLC. of Jacksonville, FL.***
- B. For this task, we have estimated an allowance of \$2,000. The allowance is based on an hourly rate of \$20/hour for an 8-hour day and an overtime rate of \$30/hour for work conducted beyond 8 hours per day.

JEA Responsibilities

JEA shall assist W-P in executing the services outlined herein, including:

1. **Document Review** - JEA shall provide timely review of project submittals. Typical review period of 3 weeks shall be allocated for each Deliverable.
2. **Historical & Background Information** - JEA shall provide pertinent GIS files for the pump station service areas and other background data previously noted in ***Task 1.3*** for proposed project.
3. **Access to the Project Site** – JEA shall provide access to the manholes, pipes, and pump station sites.
4. **Public Outreach Notifications** – JEA will provide doorhanger documentation to W-P notifying residents within the project areas of field work (manhole and CCTV inspections) associated with the Phase III Source Investigation.



Project Team

The W-P project team for conducting this work will be as follows:

Project Manager:	Steve Hallowell
PACP Certified Manager:	Laurie Perkins
PACP Certified Specialists:	Lindsey Sylvester, Matthew Corbin
Field Technicians:	Brian Pavao, Robert Harris
QA/QC Engineers:	Joseph Hausmann
Staff Engineers:	Larry Neal, Teresa Hernandez, Karen Chan
GIS Analyst:	Jeff Normandin, Christine Manderson
Senior CAD Operator:	Shane Cochran
Senior Administrative Assistants:	Makenna Lewis, Lynne Kessler

Project Sub-Consultants

We intend to utilize the following sub-consultants in Phase I:

- **Four Waters Engineering, Inc., Jacksonville Beach, FL** – I&I Field Services
- **First Coast Security, LLC, Jacksonville, FL** – Security Services
- **HydroMax USA, Norfolk, VA** – Closed Circuit Televised (CCTV) Inspection Services
- **ACME Barricades, Inc., Jacksonville, FL** – Maintenance of Traffic Control Services

JSEB Compliance

Wright-Pierce intends to meet or exceed JEA's 10% minimum JSEB requirement. Refer to the **Table 3** and **Appendix B** for a list of JSEB sub-consultants along with contract amounts and estimated percentages.

Table 3
Summary of JSEB Sub-Consultants

Company	Description	Contract Amount	% of Project
Four Waters Engineering, Inc.	I&I Field Services	\$30,672	11.8
Subtotal		\$30,672	11.8

Non-JSEB Sub-Consultants

Consultant will utilize the following Non-JSEB firms. Refer to **Table 4** and **Appendix B** for a list of non-JSEB sub-consultants along with contract amounts and estimated percentages.



Table 4
Summary of Non-JSEB Sub-Consultants

Company	Description	Contract Amount	% of Project
HydroMax USA, Inc.	CCTV Inspection Services	\$41,820	16.2
First Coast Security, LLC	Security Services	\$2,000	0.8
ACME Barricades, LLC.	Maintenance of Traffic Control Services	\$6,000	2.3
Subtotal		\$49,820	19.2

Project Schedule

We propose the services described above over a 8-month period from April 2020 through November 2020. Refer to **Table 4** and the bar chart in **Appendix C** for additional information.

Table 4
Project Schedule

Task	Estimated Start Date	Estimated Completion Date
Phase 1 – Source Investigation	April 2020	November 2020
• 1.1 – Project Management	April 2020	November 2020
• 1.2 – Kick-Off Meeting w/JEA	April 2020	April 2020
• 1.3 – Collect & Review Background Information	April 2020	April 2020
• 1.4 – Monthly Progress Meetings	May 2020	October 2020
• 1.5 – CCTV Inspections	May 2020	June 2020
• 1.6 – Sewer Manhole Inspections	May 2020	June 2020
• 1.7 – Phase III Source Investigation I&I Reduction Plan Report	June 2020	November 2020
o Evaluation of Field Collected Data	June 2020	July 2020
o Draft I&I Reduction Report	July 2020	August 2020
o Finalize I&I Reduction Report	September 2020	November 2020
• 1.8 – Maintenance of Traffic Control Services	May 2020	June 2020
• 1.9 – Security Services	May 2020	June 2020

Compensation

We propose to provide the Scope of Services described above for fees based on a time charge basis plus expenses for a not-to-exceed fee of **\$258,866**. A summary of the costs for the tasks described above for each phase is provided in **Table 5** and in **Appendix D**.



Table 5
Summary of Engineering Costs

Task Item	Task	Proposed Fee Amount
1.0	<i>Phase I Source Investigation</i>	
1.1	• Project Management	\$20,460
1.2	• Kick-Off Meeting	\$6,618
1.3	• Collect & Review Background Information	\$6,247
1.4	• Progress Meetings	\$16,544
1.5	• CCTV Inspections	\$97,085
1.6	• Sewer Manhole Inspections	\$53,712
1.7	• Phase III Source Investigation I&I Reduction Plan Report	\$48,025
1.8	• Maintenance of Traffic Control Services	\$10,175
Total		\$258,866

Notes: (1) Fee amounts are rounded to the nearest dollar.
(2) Total JSEB Consultant Fee is \$30,672 or 11.8% of total fee.
(3) Security costs (Item 1.9) included in fees for Tasks 1.5 & 1.6.

Upon receiving authorization to proceed with our services, we will schedule our initial kick-off meeting and site visits and initiate the sub-consultant's work. We appreciate being considered for this assignment and look forward to working with you and your staff.

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

Sincerely,
WRIGHT-PIERCE

Steven C. Hallowell, P.E.
Vice President
Steve.hallowell@wright-pierce.com

Enclosures

cc: Laurie L. Perkins, W-P

APPENDIX A

SOUTHWEST/ARLINGTON EAST SERVICE AREA PHASE III SOURCE INVESTIGATION FIGURE

Utility Data from JEA, 2018;
ESRI World Imagery;
Map Developed by Wright-Pierce, 2018.

Recommendation

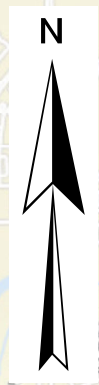
- Clean
- Heavy Clean
- CCTV
- Manhole Inspection

Recommendations

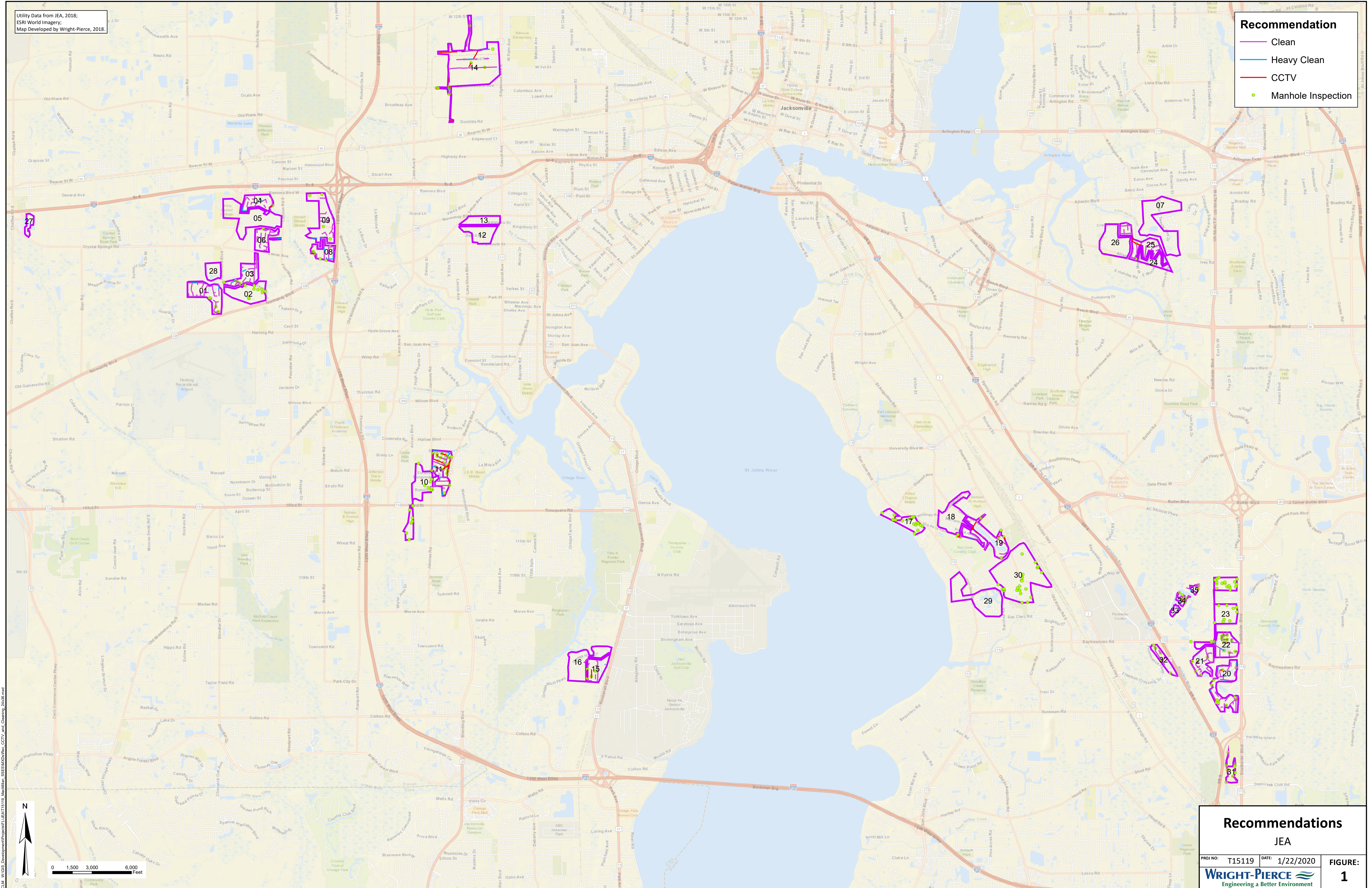
JEA

PROJ NO:	T15119	DATE:	1/22/2020	FIGURE:	1
WRIGHT-PIERCE Engineering a Better Environment					

CLM_V018_Development\Projects\ELIAT15119_JacMac\Map_SSESWODRec_CCTV and Cleaning_24x8.mxd



0 1,500 3,000 6,000 Feet



APPENDIX B

SUB-CONSULTANT PROPOSALS

ATTACHMENT B-1

Four Waters Engineering, Inc, Jacksonville Beach, FL (JSEB)



324 6th Avenue North
Jacksonville Beach, Florida 32250
(904) 414-2400

March 5th, 2020
Submitted via Email

Mr. Steven C. Hallowell, PE, Vice President
Wright-Pierce
601 South Lake Destiny Road, Suite 290
Maitland, FL 32751
Steve.hallowell@wright-pierce.com

Re: Proposal for Engineering Assistance with Amendment No. 3 Additional I&I Services
JEA Southwest/Arlington East Service Area I&I Study and Remediation Plan

Dear Mr. Hallowell:

(4Waters) is pleased to provide this proposal for professional services to assist Wright-Pierce with the Southwest/Arlington East Service Area Infiltration & Inflow Study and Remediation Plan Amendment No. 3 project for JEA. It is our understanding that Wright-Pierce is requesting assistance with the CCTV and manhole inspection work. Wright-Pierce provided a scope of services for the field work that will be conducted.

4Waters regularly provides professional services to JEA both directly and as a subcontractor, and accordingly, has a thorough understanding of the JEA water and sewer standards and expectations. We understand that Wright-Pierce requires staff engineers and National Association of Sewer Service Companies (NASSCO) certified field technicians to assist with the Amendment No. 3 work, but that confined space will not be necessary as supervising members of the Wright-Pierce crews/team will provide the necessary certification and oversight.

4Waters senior management will regularly coordinate with Wright-Pierce's project manager to ensure that efforts provided by 4Waters staff are of high quality and are meeting the project needs.

Scope of Work:

Based on recent correspondence, we understand that JEA will be authorizing Wright-Pierce to proceed with performing Immediate Corrective Action and Priority I Improvements to the existing collection system that were recommended in the Final Infiltration and Inflow Plan for Southwest/Arlington East Service Area Plan. Part of these actions include conducting CCTV inspections for approximately 15,000 linear feet of gravity sewer lines within 14 Basins and NASSCO *Level 2 Condition Assessment Inspection* manhole inspections in twenty-three (23) basins totaling approximately 221 manholes.

Our understanding of the specific project needs and scope of services are provided in the tasks below.

Task 1 – CCTV

The CCTV work assistance will require one (1) NASSCO PACP certified field technician to place door flyers and assist with observing and monitoring the CCTV work conducted by HydroMax. Confined space entry will not be required of 4Waters' staff.

Amendment 3 Requested hours: 100

Task 2 – Manhole Inspections

The sewer manhole inspections assistance will require one (1) NASSCO MACP certified field technician to assist with conducting and documenting sewer manhole inspections. Confined space entry will not be required of 4Waters' staff.

Amendment 3 Requested hours: 130

Task 3 – Kick Off and Progress Meetings

4Waters senior management will attend the Kick Off and five (5) progress meetings with Wright-Pierce and JEA.

Phase 1A Requested hours: 8

An allocation has been added for the Project Management Duties to oversee the project staffing, prepare project invoicing, and coordinate with Wright-Pierce regarding services provided, on a regular basis.

Expenses

Mileage

For mileage calculations, an approximate center of the Southwest Service Area at Firestone Road and Wheat Street was used as the project destination. Mileage was calculated to and from the 4Waters office at 35 miles one-way, for 70 miles round trip with an assumed 10-hour day. An additional 20% has been included for mileage driven within the service area for the project during the work time. It was assumed that each 4Waters staff member would drive separately. The IRS mileage rate of \$0.58 was used for mileage cost calculations.

Other Direct Costs

An additional 3% of labor costs was included for Other Direct Costs including meals for field staff, cell phone, phone, and general operations costs. It is assumed that any necessary equipment for the data gathering will be provided by Wright-Pierce.

We appreciate this opportunity to work with Wright-Pierce, and have attached a fee summary sheet for the project. The indicated bill rates will be maintained in the event additional time and assistance are requested. The proposed professional service fees for the tasks outlined above is \$30,672.31 for Amendment 3. We are available to begin work immediately upon receipt of a contract.

If you have any questions, please contact me at lconstantino@4weng.com or (904) 414-2400 Ext 52.

Sincerely,
Four Waters Engineering, Inc.

A handwritten signature in black ink that reads "Laura C. Constantino". The signature is written in a cursive style with a large, looped initial "L".

Laura C. Constantino, MSE
Project Manager

Attachment

JEA Southwest/Arlington East Service Area I&I Study and Remediation Plan Amendment No. 3
Proposal for Engineering Assistance to Wright-Pierce

<i>Job Title</i>	Senior Engineer (PM)	Staff Engineer	Staff Technician	Direct Costs (Mileage)	Direct Costs (Other)	Total Professional Service Fees
<i>Hourly Rate</i>	\$145.00	\$125.00	\$105.00			
	Hours \$	Hours \$	Hours \$			
Phase 1A						
1.0 CCTV	1.0 \$145.00	10.0 \$1,250.00	100.0 \$10,500.00	\$487.20	\$356.85	12,739.05
2.0 Manhole Inspections	2.0 \$290.00	14.0 \$1,750.00	130.0 \$13,650.00	\$633.36	\$470.70	16,794.06
3.0 Kick Off and Progress Meetings	0.0 \$0.00	8.0 \$1,000.00	0.0 \$0.00	\$139.20	\$0.00	1,139.20
PROJECT TOTAL	\$435.00	\$4,000.00	\$24,150.00	\$1,259.76	\$827.55	\$30,672.31

ATTACHMENT B-2

ACME Barricades, LLC, Jacksonville, FL

ACME BARRICADES, LC

9800 Normandy Blvd.
Jacksonville, FL 32221
(904)781-1950
(904)781-1921 fax

SERVICE QUOTATION

CUSTOMER: WRIGHT-PIERCE

DATE: 4/25/2018

JOB JEA & Hillsborough County

PHONE: 407-710-2840

ATTN: Katie

QUOTED BY: TRACI

DAY QUOTE

Total Quantity	Unit	Item Description	Unit Price	Ext.
1	EA	LANE CLOSURE-DAYS	\$ 1,200.00	\$ 1,200.00
1	EA	FLAGGING-DAYS	\$ 1,200.00	\$ 1,200.00
		INCLUDES HOURS AND EQUIPMENT		
		MOT SUPERVISOR		
		FLAGGER		
		THIS QUOTE IS BASED ON AN 8 HOUR DAY		
	PH	MOT SUPERVISOR (ADDITIONAL PER HOUR IF NEEDED)	50.00	50
	PH	ADDITIONAL FLAGGER IF NEEDED	35.00	\$ 35.00
SPECIAL QUOTATION (Comment or Instruction)			SUBTOTAL	\$ 1,200.00
			TAX	\$ -
			TOTAL	\$ 1,200.00
If you are satisfied with this quote, please sign below and return to our office.				

BUILD BARRICADES

Signature: _____

Print Name

ATTACHMENT B-3

HydroMaxUSA, Norfolk, VA

February 3, 2020

Steven C. Hallowell, P.E.
Wright-Pierce
601 South Lake Destiny Road
Suite 290
Maitland, FL 32751

RE: JEA – Southwest Arlington East Basin CCTV Inspection Services

Steve,

Hydromax USA (HUSA) is pleased to submit this proposal to provide sanitary sewer evaluation study (SSES) services, including CCTV pipe inspection. HUSA understands the scope to include approximately 15,000 linear feet (LF) of CCTV inspection and cleaning required on an as-needed basis.

For this project, HUSA will use internal resources exclusively and will not use subcontractors for any field work or back-office support. Data collected in the field will be transmitted back to our Louisville Data Center (LDC) in Louisville, KY and all deliverables will be NASSCO compliant. I will serve as HUSA's Project Manager (PM) and a dedicated Data Analyst (DA) will QA/QC the data and prepare all deliverables. Final deliverables will be provided on a hard drive within 20-30 days of completion of field data collection.

Appendix A reflects all HUSA unit pricing and anticipated quantities for this project. This pricing for CCTV inspection includes light cleaning, as defined by current NASSCO PACP protocols. Cleaning beyond that will be considered heavy cleaning and billed on an hourly basis at \$250/ hour. It is assumed that all permitting and debris disposal costs will be pass-through costs. Also, it is assumed that HUSA will be able to pull water from local hydrants in the work inspection area. HUSA will work with the local JEA personnel to obtain necessary permits and meter/backflow prevention devices and will pass-through associated costs, if any.

HUSA provides standard traffic control, including portable signs, traffic cones and a light board, which have been deemed acceptable on similar projects with JEA. As needed, HUSA will bill at a daily rate of \$1,500/day for additional traffic control.

This proposal shall be considered valid for a period of 90 days. I welcome an opportunity to further discuss our credentials and look forward to working with Wright-Pierce on this important condition assessment project. If you have any questions regarding this proposal please do not hesitate to contact me at jeffrey.griffiths@hydromaxusa.com or by phone at 757-353-1521.

Respectfully Yours,



Jeffrey A. Griffiths, MBA
Director/ Project Manager
Hydromax USA, LLC
Phone: 757-353-1521

Appendix A: Unit Pricing

Item No.	Item Description	Units	Est. Qty	Unit Price	Total Amount
1	Mobilization	LS	1	\$ 9,500.00	\$ 9,500.00
1	CCTV (4"-6")	LF	1,217	\$ 2.30	\$ 2,799.10
2	CCTV (8"-12")	LF	11,830	\$ 1.95	\$ 23,068.50
3	CCTV (14"-21")	LF	2,027	\$ 1.95	\$ 3,952.65
4	Heavy Cleaning	Hr	10	\$ 250.00	\$ 2,500.00
				Total	\$ 41,820.25

APPENDIX C

PROJECT SCHEDULE

Southwest/Arlington East Service Area Inflow and Infiltration Study
Phase III: Source Investigation

Phase No.	Task No.	Engineering Task Description																										
			FY 2020													FY 2021												
			O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		
1.0	Phase III- Southwest/Arlington East Service Area Source Investigation Services								Phase III																			
	1.1	Notice to Proceed																										
	1.1	Project Management																										
	1.2	Project Kick-Off Meeting w/JEA																										
	1.3	Collect & Review of Background Information																										
	1.4	Progress Meetings																										
	1.5	Closed Circuit Televised Inspection																										
		- Community Outreach Plan																										
		- CCTV Inspection																										
		- CCTV Inspection Memo																										
	1.6	Sewer Manhole Level 2 Inspections																										
		- Sewer Manhole Inspections																										
		- Sewer Manhole Inspection Memo																										
	1.7	Prepare Draft Phase III Source Investigation I&I Reduction Plan Report																										
		- Evaluation of field-collected data																										
		- Prepare & Submit Draft Phase III Source Investigation Report to JEA																										
		- Review Draft Phase III Source Investigation Report with JEA																										
		- Review & Submit Final Phase III Source Investigation Report to JEA																										
	1.8	Maintenance of Traffic Control Services																										
	1.9	Security Services																										

APPENDIX D

DETAILED FEE ESTIMATE


Table 1
JEA, Jacksonville, FL
Southwest/Arlington East Service Areas Infiltration and Inflow Study & Remediation Plan
Phase III Source Investigation Services
Amendment No. 3 Fee Summary

				Phase I - Source Investigation Services															
	Total			1.1 Project Management		1.2 Kick Off Meeting		1.3 Background Information		1.4 Progress Meetings		1.5 CCTV Inspections		1.6 SMH Inspections		1.7 I-I Reduction Report		1.8 Maint. Of Traffic	
Personnel Classifications	Direct Billing Rate	Total Hours	Effort	Hours	Effort	Hours	Effort	Hours	Effort	Hours	Effort	Hours	Effort	Hours	Effort	Hours	Effort	Hours	Effort
Project Manager - Primary	\$ 190.96	228	\$ 43,538.88	100	\$ 19,096.00	10	\$ 1,909.60	4	\$ 763.84	40	\$ 7,638.40	42	\$ 8,020.32	8	\$ 1,527.68	16	\$ 3,055.36	8	\$ 1,527.68
PACP Certified Specialist Manager	\$ 185.00	49	\$ 9,064.90	0	\$ -	5	\$ 924.99	2	\$ 370.00	10	\$ 1,849.98	15	\$ 2,774.97	4	\$ 739.99	13	\$ 2,404.97	0	\$ -
PACP Certified Specialist Engineer	\$ 124.00	139	\$ 17,236.00	0	\$ -	10	\$ 1,240.00	4	\$ 496.00	25	\$ 3,100.00	40	\$ 4,960.00	20	\$ 2,480.00	40	\$ 4,960.00	0	\$ -
Field Manager	\$ 102.46	40	\$ 4,098.20	0	\$ -	4	\$ 409.82	2	\$ 204.91	0	\$ -	20	\$ 2,049.10	10	\$ 1,024.55	4	\$ 409.82	0	\$ -
Field Technician	\$ 90.21	265	\$ 23,905.65	0	\$ -	0	\$ -	10	\$ 902.10	0	\$ -	100	\$ 9,021.00	155	\$ 13,982.55	0	\$ -	0	\$ -
QA/QC Engineer	\$ 125.74	16	\$ 2,011.78	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 502.94	4	\$ 502.94	8	\$ 1,005.89	0	\$ -
Staff Engineer	\$ 93.00	509	\$ 47,337.00	0	\$ -	10	\$ 930.00	20	\$ 1,860.00	5	\$ 465.00	105	\$ 9,765.00	42	\$ 3,906.00	300	\$ 27,900.00	27	\$ 2,511.00
GIS Analyst	\$ 103.23	90	\$ 9,290.70	0	\$ -	4	\$ 412.92	12	\$ 1,238.76	5	\$ 516.15	16	\$ 1,651.68	9	\$ 929.07	44	\$ 4,542.12	0	\$ -
Administrative Assistant	\$ 62.00	58	\$ 3,596.00	20	\$ 1,240.00	5	\$ 310.00	3	\$ 186.00	5	\$ 310.00	8	\$ 496.00	5	\$ 310.00	10	\$ 620.00	2	\$ 124.00

(A) Direct Salary Total Above	1,394	\$ 160,079.11	120	\$ 20,336.00	48	\$ 6,137.33	57	\$ 6,021.61	90	\$ 13,879.53	350	\$ 39,241.01	257	\$ 25,402.79	435	\$ 44,898.16	37	\$ 4,162.68
(B) Sub-consultants Costs		\$ 80,492.56		\$ -		\$ -		\$ -		\$ 1,139.20		\$ 55,559.30		\$ 17,794.06		\$ -		\$ 6,000.00
(C) Surcharge Percentage to be Applied to Sub-Consultant Charges	0%	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
(D) Expenses or Police Details (No mark up)		\$18,294.17		\$124.00		\$480.21		\$224.94		\$1,525.52		\$2,284.27		\$10,514.73		\$3,127.48		\$13.02
Total Project Costs = A + B + C + D =		\$ 258,865.84		\$ 20,460.00		\$ 6,617.54		\$ 6,246.55		\$ 16,544.25		\$ 97,084.58		\$ 53,711.58		\$ 48,025.64		\$ 10,175.70

List of JSEB & Non-JSEB Firms

<i>I-I Field Services</i> Four Waters Engineering, Inc. (JSEB)	\$30,672.31	11.8%	\$ -	\$ -		\$ 1,139.20	\$ 12,739.05	\$ 16,794.06	31.3%	\$ -	\$ -	
<i>Security</i> First Coast Security	\$2,000.00	0.8%	\$ -	\$ -	\$ -	\$ -	\$ 1,000.00	1.0%	\$ 1,000.00	1.9%	\$ -	\$ -
<i>Maintenance of Traffic Control Services</i> ACME Barricades, Inc.	\$6,000.00	2.3%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ 6,000.00	
<i>Closed Circuit Televised Inspection Services</i> HydroMaxUSA	\$41,820.25	16.2%	\$ -	\$ -	\$ -	\$ -	\$ 41,820.25	43.1%	\$ -	\$ -	\$ -	
Total Sub-consultants Project Cost	\$80,492.56	31.1%	\$ -	\$ -	\$ -	\$ 1,139.20	\$ 55,559.30	57.2%	\$ 17,794.06	33.1%	\$ -	\$ 6,000.00


(Signature of Principal)

Steven C. Hallowell, P.E.
Vice President

3/12/2020
(Date)

Wright-Pierce, Inc.
(Name of Firm)

Total JSBE Subcontract Amount \$30,672.31
Total JSBE Subcontract % 11.8%

Total Non-JSBE Subcontract Amount \$49,820.25
Total Non-JSBE Subcontract % 19.2%



Formal Bid and Award System

Award #11 April 16, 2020

Type of Award Request: INVITATION TO NEGOTIATE (ITN)

Request #: 6784

Requestor Name: Benavides, Maria L. - Mgr Technology Project Mgmt

Requestor Phone: (904) 665-7046

Project Title: New F5 Equipment and Five (5) Years Support/Maintenance– IT Infrastructure Replace & Refresh

Project Number: 8005850 & HE30903

Project Location: JEA

Funds: Capital (Year 1, \$330,226.44), O&M (Years 2-5, \$65,564.48)

Budget Estimate: \$400,000.00

Scope of Work:

This purchase is for new F5 equipment blades and five (5) years support and maintenance. JEA is becoming operationally close to the maximum available compute and memory available within the current F5 environment. The F5 environment uses a shared/clustered hardware model in which adding new blades to the chassis adds the resources to the overall total capacity of the system. JEA requests to purchase an additional blade for each of the chassis in the environment to ensure that we maintain full redundancy and computing/memory availability across the JEA network.

This purchase impacts the following JEA Measures of Value:

- **Financial Value:** This purchase enables JEA to upgrade the reliability of the JEA network infrastructure. The upgrade provides employees with the latest technology and increase productivity enabling them to do their jobs faster and more efficiently.

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

040-20

Purchasing Agent:

Dambrose, Nick

Is this a ratification?:

NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
CDW GOVERNMENT, LLC	JOHN VRABLIK	JOHNVRA@CDWG.COM	75 REMITTANCE DR STE 1515, CHICAGO IL 60675-1515	(877) 466-6333	\$395,790.92

Amount for entire term of Contract/PO: \$395,790.92

Award Amount for remainder of this FY: \$330,226.44

Length of Contract/PO Term: One-Time Purchase w/ Five (5) Years Maintenance

Begin Date (mm/dd/yyyy): 04/20/2020

End Date (mm/dd/yyyy): 04/19/2025

JSEB Requirement: N/A – Optional

RESPONDENTS:

Name	Original Amount	Original Rank	BAFO Amount	BAFO Rank
CDW GOVERNMENT, LLC	\$395,790.92	1	\$395,790.92	1
NETSYNC	\$465,921.52	2	\$465,921.52	2

Background/Recommendations:

Advertised on 03/12/2020. At Response opening on 03/31/2020, JEA received two (2) Responses. CDW and NetSync were short-listed and invited to submit Best and Final Offers (BAFO). Reasons for low participation include a competitive advantage from the F5 manufacturer of some resellers to provide F5 equipment at a higher discount and lower cost. JEA evaluated the companies on price only and CDW is deemed the lowest responsive and responsible Respondent. A copy of the Response Form and Workbook are attached as backup.

This purchase of \$395,790.92 provides necessary F5 equipment blades to maintain the effectiveness of the JEA network infrastructure. It includes five (5) years of standard maintenance and support with all hardware components. The first year of support is included in the \$330,226.44 equipment cost and the remaining four (4) years of support and maintenance are \$16,391.12 per year, for a total award amount of \$395,790.92. This is the first time JEA has bought a blade expansion of the F5 system since the original full infrastructure purchase therefore the new blade cost is not comparable to previous purchases. JEA solicited Best and Final Offer (BAFOs) that returned no changes in price from the original bid submissions. The award amount is within 1% of the budget estimate.

040-20 – Request approval to award a one (1) time purchase of new IT infrastructure equipment – F5 Chassis Blades with five (5) years maintenance to CDW in the amount of \$395,790.92, subject to the availability of lawfully appropriated funds.

Manager: Benavides, Maria L. - Mgr Technology Project Mgmt
Director: Edgar, Cindy L. - Dir Eng Systems & PMO
VP: Eads, Shawn - VP & Chief Information Officer

APPROVALS:

Chairman, Awards Committee

Date

Manager, Capital Budget Planning

Date

APPENDIX B
RESPONSE FORM FOR SOLICITATION # 040-20
New F5 Equipment – IT Infrastructure R&R (BAFO)

To submit the Best and Final Offer (BAFO), Respondent shall complete and email this form to Nickolas Dambrose at dambnc@jea.com no later than the time indicated on the (BAFO) invitation.

Company Name: CDW

Company's Address 120 S Riverside, Chicago IL 60606

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

BID SECURITY REQUIREMENTS

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

TERM OF CONTRACT

- ☒ One Time Purchase
☐ Annual Requirements Five (5) Years w/One (1) –1 Yr. Renewal
☐ Other, Specify- Project Completion

SAMPLE REQUIREMENTS

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

SECTION 255.05, FLORIDA STATUTES CONTRACT BOND

- ☒ None required
☐ Bond required 100% of Bid Award

QUANTITIES

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

INSURANCE REQUIREMENTS

Insurance required

PAYMENT DISCOUNTS

- ☐ Other _____
X None Offered

Item Number	ENTER YOUR BID FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES JEA Quotation of Rates	TOTAL BID PRICE
	New F5 Equipment – IT Infrastructure R&R– TOTAL BID PRICE <u>(BAFO)</u> (This amount is transferred from Appendix B – Response Workbook <u>(BAFO)</u>)	\$395,790.20

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

RESPONDENT CERTIFICATION

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

We have received addenda

John Vrablik

4/2/2020

Handwritten Signature of Authorized Officer of Company or Agent

Date

_____ through _____

John Vrablik, Executive Account Manager _____

Printed Name and Title

New F5 Equipment - IT Infrastructure R&R

Appendix B - Response Workbook (BAFO)

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

Item Number	Part Number	Item Description	Quantity	Unit Price	SubTotal
1	F5-VPR-LTM-B2250	F5 VIPRION Local Traffic Manager 2250 - load balancing device	4	\$ 72,296.43	\$ 289,185.72
2	F5-UPG-QSFP+-3M-2+	F5 Networks QSFP+ 4LC Breakout Cable	8	\$ 2,650.00	\$ 21,200.00
3	F5-UPG-QSFP+SR4	F5 - QSFP + transceiver module - 40 Gigabit LAN	8	\$ 2,480.00	\$ 19,840.00
4	F5-SVC-VPR-PRE-HW30	F5 Premium Service Category HW30 - extended service agreement (renewal) - 1	4	\$ 16,391.12	\$ 65,564.48
5	New F5 Equipment - IT Infrastructure R&R - TOTAL BID PRICE (Please transfer this amount to page one (1) of Appendix A - Response Form (BAFO))				\$ 395,790.20