

Welcome to the

Awards Meeting

February 16, 2023 10:00 AM EST

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

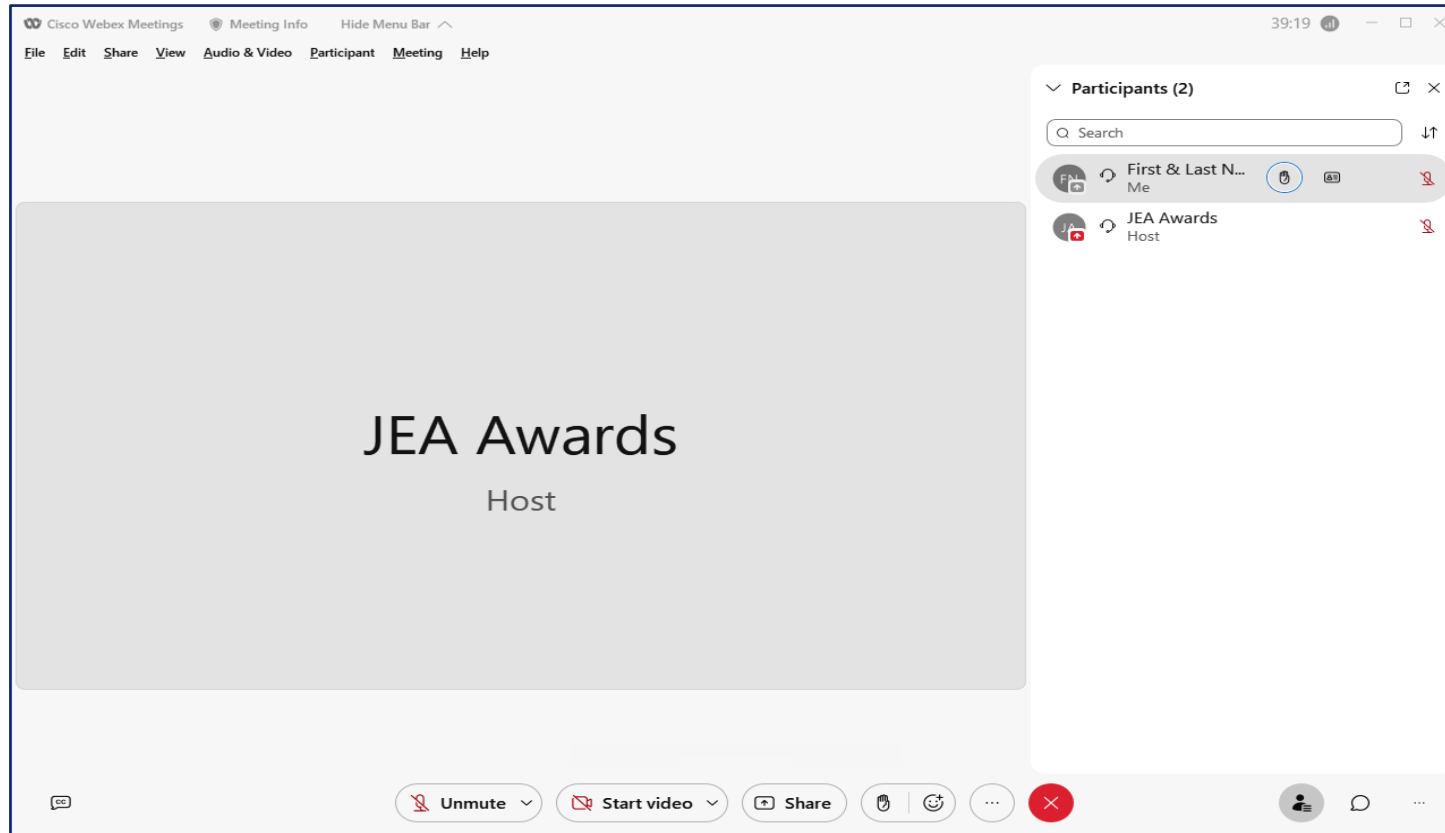
At the designated public comment time we will provide opportunity for you to unmute to speak.

During the meeting, public comments received via e-mail regarding any matter on the agenda for consideration will be read out. Per the Public Notice Agenda posted on JEA.com, public comments by e-mail must be received no later than 9:00 a.m. on the day of the meeting to be read during the public comment portion of the meeting.

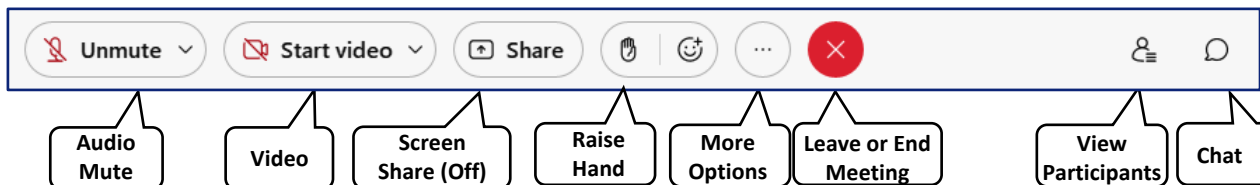
Please contact **John Bustamante** by telephone at **(904) 544-1839** or by email at **bustjc@jea.com** if you experience any technical difficulties during the meeting.




Awards Meeting – Public Comments





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



Controls for Public Comments

Located on the bottom-right side of your screen you will find an icon that looks like a person  labeled Participants. This option will allow you to see a long list of individuals who have joined today's meeting.

At the top of this list, your name will be visible and to the right you will notice a gray icon that looks like a hand .

If you click it, it will show a slash through the hand  letting us know that you would like to be recognized for comment, additionally you may click it again to lower your hand.

For those that may have called in directly, there are 2 additional ways that you can notify us that you would like to provide comment. The first is by **pressing *3** on your phone, which will raise your hand. The second way you may notify us is to **press *6** to unmute your line.

If you unmute your line, please state your name so that everyone may hear who is speaking before providing your comment.

AWARDS COMMITTEE AGENDA

DATE: Thursday, February 16, 2023

TIME: 10:00 A.M.

PLACE: JEA, Customer Center, Bid Office, 1st Floor, 21 West Church Street, Jacksonville, FL 32202 OR
WebEx/Teleconference
WebEx Meeting Number (access code): 2309 526 2709
WebEx Password: cQMmJPHA823

Public Comments:

Awards:

1. Approval of the minutes from the last meeting(02/09/2023)
2. 1410869646 – Request approval to award a contract to Ardurra Group, Inc. for engineering services for Lovegrove WTP Electric Upgrade project in the amount of \$835,576.60, subject to the availability of lawfully appropriated funds.
3. Request approval for a contract increase to Chanute Manufacturing Company for supply of feedwater heaters for BBGS Units 2 and 3 specifically to add shipping costs in the amount of \$459,000.00, for a new not-to-exceed amount of \$3,695,774.00, subject to the availability of lawfully appropriated funds.
4. Request approval to award a contract increase to The Haskell Company for construction of the Nassau Water Reclamation Facility (WRF) Upgrade projects in the amount of \$6,258,101.00, for a new not-to-exceed amount of \$111,813,476.00, subject to the availability of lawfully appropriated funds.
5. Request approval to award a contract to FW North America Equipment Company, Inc. for Unit 2 Furnace Grid nozzles for JEA in the amount of \$1,405,000.00, subject to the availability of lawfully appropriated funds.
6. 1410403646– Request approval to award a contract to Ferreira Construction Southern Division for construction services for the Baymeadows Pump Station project in the amount of \$4,549,317.00, subject to the availability of lawfully appropriated funds.
7. Request approval to award a contract increase to CDM Smith Inc. for additional engineering, services during construction and project management for the Southwest WRF Expansion project in the amount of \$3,168,034.00, for a new not-to-exceed amount of \$13,280,988.00, subject to the availability of lawfully appropriated funds.
8. Request approval for a contract increase to Seacor Painting Corporation Inc. for corrosion treatment services for JEA substation equipment services in the amount of \$250,000.00, for a new not-to-exceed amount of \$1,171,855.00, subject to the availability of lawfully appropriated funds.

9. 1411050446 - Request approval to award a contract to M Gay Constructors, Inc. for SOCC Annex Foundation Build in the amount of \$675,130.00, subject to the availability of lawfully appropriated funds.
10. Request approval for a payment to Florida Department of Transportation for the FDOT FPID: 437320-1-56-01 SR 115 (Lem Turner) - Soutel Drive to Nassau County Line project in the amount of \$893,563.94, subject to the availability of lawfully appropriated funds.
11. Request approval to reduce the contracts to Anixter in the amount of \$141,822.53, Irby Utilities in the amount of \$610,266.17 and Tri-State Utility Products, Inc. in the amount of \$315.78, and award contracts to Choctaw-Kaul Distribution in the amount \$303,641.89 and Electric Supply, Inc. in the amount of \$335,349.18, for Pole Line Hardware carried in JEA's inventory stock for a total amount of \$16,691,525.64 subject to the availability of lawfully appropriated funds.
12. Request approval to award a contract to Landis+Gyr Technology, Inc. for electric meters in the amount of \$31,646,648.00, subject to the availability of lawfully appropriated funds.
13. Request approval to award a contract to Hanco International for the purchase of Dielectric PPE Testing Equipment for a total amount of \$354,000.00, subject to the availability of lawfully appropriated funds.
14. Request approval to award a contract increase to Blue Burro Technology, LLC for material planning support for a total amount of \$667,000.00, for a new not-to-exceed amount of \$1,372,000.00, subject to the availability of lawfully appropriated funds.
15. 1410856846 – Request approval to award a contract to Four Waters Engineering, Inc. for the 101-62 Fairfax St: 1st St. to 26th St. Water Main Replacement Project in the amount of \$954,206.49, subject to the availability of lawfully appropriated funds.

Informational Items: N/A

Open Discussion: N/A

Public Notice: N/A

General Business: N/A

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

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<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 02/09/2023 meeting.
2	REQUEST FOR PROPOSALS (RFP) 2 RESPONDENTS	Melendez	\$714,930.00	\$835,576.60	ARDURRA GROUP, INC.	Project Completion (Expected: January 2026)	<p><u>Engineering Design Services for the Lovegrove WTP Electric Upgrade Project</u></p> <p>The scope of engineering services includes, but is not limited to: preliminary design, final detailed design, opinion of construction cost, permitting support, engineering support during bidding, engineering services during construction, and engineering services during startup for a new conditioned electrical building with associated electric components, and for the renovation of the existing high service pump building at the Lovegrove Water Treatment Plant.</p> <p>The proposed fee is 16.9% higher than estimated; however, it is 15.8% of the updated estimated construction cost and deemed reasonable.</p> <p>Request approval to award a contract to Ardurra Group, Inc. for engineering services for Lovegrove WTP Electric Upgrade project in the amount of \$835,576.60, subject to the availability of lawfully appropriated funds.</p>
3	CONTRACT INCREASE	Melendez	\$459,000.00	\$459,000.00	CHANUTE MANUFACTURING COMPANY	Project Completion (estimated 05/31/2023)	<p><u>BBS Units 2 & 3 Feedwater Heater Replacement Project</u></p> <p>JEA's Brandy Branch Generating Station's gas turbine Units 2 and 3 feedwater heater bundles are at the end of life after eighteen (18) years of operation. Each gas combustion turbine unit has a heat regenerating steam generator (HRSG), and each HRSG has three (3) feedwater heater bundles. The HRSG is built into the exhaust system of each combustion turbine and transfers exhaust heat energy into the HRSG to generate steam to power the combined cycle steam driven turbine unit for additional electrical generation.</p> <p>This award is for the purchase of the feedwater heaters. Installation will be completed by separate contract.</p> <p>This request is to add funds for shipping in the amount of \$459,000.00, the shipping charges were not included in the original award due to the supplier not being able to provide a fixed price quote at the time of the original award. JEA</p>

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						<p>requested Chanute Manufacturing Company provide a final fixed price near the shipping date. The shipping cost exceeded the 10% administrative increase available on the contract, as such, JEA is bringing the shipping cost to the Awards Committee for approval. Shipping is being provided at cost plus a 2% markup to cover overhead and administrative charges.</p> <p>Request approval for a contract increase to Optimus Industries LLC for supply of feedwater heaters for BBGS Units 2 and 3 specifically to add shipping costs in the amount of \$459,000.00, for a new not-to-exceed amount of \$3,695,774.00, subject to the availability of lawfully appropriated funds.</p>
4	CONTRACT INCREASE	Melendez	\$6,500,000.00	\$6,258,101.00	THE HASKELL COMPANY	<p>Project Completion (Expected: February 2025)</p> <p><u>Construction Management-at-Risk (CMAR) Services for the Nassau Water Reclamation Facility (WRF) Upgrade Projects</u></p> <p>The scope of work to be performed under this solicitation consists of Construction Management-at-Risk services for the Nassau WRF Upgrade Projects. The upgrade projects include, but are not limited to, new common headworks, oxidation ditches, secondary clarifiers, UV disinfection upgrades, in plant pump stations, sludge holding tank, and new operations and maintenance buildings. The Nassau WRF currently provides treatment for up to 2 million gallons per day (MGD) annual average daily flow (AADF) of wastewater, a planned future expansion will bring the total treatment capability up to 4 MGD AADF.</p> <p>This award request is for a contract increase to the CMAR contract of The Haskell Company for Nassau WRF Upgrade project. This contract increase is for a 100% true-up of five of eight allowances carried in the 75% GMP. JEA elected to have a 100% true-up to reduce the dollar value of the allowances in the GMP. This partial true-up is needed to allow critical subcontractors to be committed to avoid negative impacts to the project schedule. When the remaining three allowance items are bid another request will be brought before the Awards Committee for approval. This contract increase was reviewed by JEA project staff and JEA's owner's representative and deemed reasonable when compared with other plant projects.</p> <p>A new not-to-exceed amount of \$111,813,476.00.</p>

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5	SINGLE SOURCE	Melendez	\$1,405,000.00	\$1,405,000.00	FW NORTH AMERICA EQUIPMENT COMPANY, INC.	Project Completion (12/30/2023 - overall project completion)	<p><u>NGS N02 - Grid Floor Nozzle Replacement Project</u></p> <p>FW North America Equipment (OEM) performed an Engineering Study to determine if Sumitomo SHI-FW latest standard “four arm” grid nozzle could be installed to lower the current minimum Primary Air flow setpoint, thereby allowing a reduction of the minimum load on the boiler below the current 50% boiler load limitation. JEA’s target is <=45% boiler load. Engineering Study determined the "four arm" (Option 2) would achieve JEA's desired results.</p> <p>Pursuant to section 3 – 112 of the JEA Purchasing Code - A Contract may be awarded for Supplies or Services as a Single Source when, pursuant to the Operational Procedures, the Chief Procurement Officer determines that:</p> <p>(b) the Supplies or Services must be a certain type, brand, make or manufacturer due to the criticality of the item or compatibility within a JEA utility system, and such Supplies or Services may not be obtained from multiple sources such as distributors;</p> <p>The use of the OEM for Fabrication & Installation reduces operational risk, outage duration and potential for defects in allowing non-OEM fabricated equipment.</p> <p>The equipment will be delivered in FY23. The actual equipment installation will take place in Q1, FY24 during the fall outage.</p> <p>When considering the potential impact to the plant from emissions issues and other operational risks, the price is considered reasonable.</p> <p>Request approval to award a contract to FW North America Equipment Company, Inc. for Unit 2 Furnace Grid nozzles for JEA in the amount of \$1,405,000.00, subject to the availability of lawfully appropriated funds.</p>
6	REQUEST FOR PROPOSAL (RFP) 3 RESPONDENTS	Melendez	\$2,008,700.00	\$4,549,317.00	FERREIRA CONSTRUCTION SOUTHERN DIVISION	Project Completion (Expected: September 2024)	<p><u>Construction Services for the Baymeadows Pump Station Project</u></p> <p>This project includes construction of a new wastewater pump station adjacent to the existing station to provide increased flow capacity and reliability. The new station will replace the existing one. The construction will neither result in a</p>

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						<p>disruption of, nor interfere with, the functional workings of any existing utilities.</p> <p>This solicitation was advertised as an evaluated RFP to evaluate contractors on a projected schedule, in addition to price. Project schedules have been delayed recently due to a variety of reasons, and JEA wanted contractor input into a schedule based on current market conditions.</p> <p>The award amount of \$4,549,317.00 is approximately 126% higher than the business unit estimate due primarily to the polymer wet well cost, bypass pumping and other material price increases. After proposals were received JEA staff reviewed the proposed costs both against each other, and with other bids recently received and deemed them reasonable.</p> <p>Request approval to award a contract to Ferreira Construction Southern Division for construction services for the Baymeadows Pump Station project in the amount of \$4,549,317.00, subject to the availability of lawfully appropriated funds.</p>
7	CONTRACT INCREASE	Melendez	\$3,200,000.00	\$3,168,034.00	CDM SMITH INC.	<p><u>Engineering Services for the Southwest Water Reclamation Facility (WRF) Expansion</u></p> <p>The scope of work to be performed under this contract consists of preliminary design, final detailed design, support, services during construction, and acceptance testing for the Southwest WRF Expansion to 16 million gallons per day (MGD) project. This project is needed to meet wastewater flow demands in the Southwest services territory. This project is being constructed using Construction Manager-at-Risk (CMAR) method.</p> <p>This contract increase request is for two separate scopes of work. The first scope is for additional post-design engineering services and additional services during construction for a cost of \$2,881,058.00. This includes an increase to labor hours for plant startup activities, additional meetings, shop drawing reviews and requests for information (RFIs). This request also includes additional resident project representative (RPR) hours to align with the risk register substantial completion date of September 2025. These hours are not guaranteed and will only be used if the schedule is extended to this alternate date. Also included in this increase amount is a \$700,000.00 supplemental work allowance (SWA) for any additional services that JEA requests. These SWA funds will only be used at the direction of JEA staff. This amendment will ensure that appropriate project/quality management and inspector services are available throughout the construction period.</p>

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							<p>The second scope of work in this request is a \$286,976.00 increase for additional project management services through the end of construction. These services will provide a manager to oversee the construction manager in lieu of JEA staff. JEA is requesting these services due to staffing shortages at JEA. The work will include reviewing and coordinating contractor schedules, coordinate construction pay applications, coordinate weekly and monthly meetings and additional project management as directed by JEA.</p> <p>JEA has reviewed both scopes of work and deemed them reasonable. The overall services during construction cost is approximately 3.5% of the construction cost and is considered reasonable when compared to other projects.</p> <p>A new not-to-exceed amount of \$13,280,988.00.</p>
8	CONTRACT INCREASE / RENEWAL	Erixton	\$250,000.00	\$250,000.00	SEACOR PAINTING CORPORATION INC.	Five (5) Years w/One (1) - 1 Yr. Renewals	<p><u>Corrosion Treatment Services for JEA Substation Equipment</u></p> <p>The purpose of this solicitation is to select a vendor to provide corrosion treatment and the application of protective coatings on rack transformers, circuit breakers, switchgear and associated equipment located at JEA electric substations and generating stations (the "Work").</p> <p>The Work shall be performed in accordance with NACE International Standard RP0297-2004. Only personnel qualified to work in or around energized high voltage environments will be allowed.</p> <p>It should be noted that term-based services contracts are typically not funded for the latter years of the contract. Should additional work develop during the contract term, or should JEA elect to extend the contract, additional funding may be required, additional increases will be processed through the Awards Committee as necessary.</p> <p>Request approval for a contract increase to Seacor Painting Corporation Inc. for corrosion treatment services for JEA substation equipment services in the amount of \$250,000.00, for a new not-to-exceed amount of \$1,171,855.00, subject to the availability of lawfully appropriated funds.</p>
9	INVITATION FOR BID (IFB) 2 BIDDERS	Krol	\$460,000.00	\$675,130.00	M GAY CONSTRUCTORS, INC.	Project Completion (Install complete by 5/15/2023)	<p><u>SOCC Annex Communication Tower Foundation Build</u></p> <p>The purpose of this solicitation is for the build of a SOCC annex communication tower foundation and to furnish material, labor, equipment, and supervision to install three (3) 120" Ø x 77'-0" deep drilled concrete foundation shafts as designed by Sabre Towers and Poles. (reference the</p>

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						<p>“Structural Design Report from Sabre dated August 9, 2022 Rev. A).</p> <p>This award is for \$675,130.00 for material, labor, equipment and supervision to install a SOCC annex communication tower foundation in strict accordance with the manufacturers’ design without previously approved deviation. In addition, the contractor is also required to install, in strict accordance with the latest version of the FDOT specifications for Cross-Hole Sonic Logging (CSL) Tubes. A third-party inspector for specification compliance shall be provided and the cost of \$15,000.00 has been included in the award amount for this service. The foundation is first needed to later erect a 300ft lattice self-support Tower which will improve radio and wireless communications in the south part of Duval and North area of St Johns County. Once the foundation is complete; the next steps will be to separately bid and begin construction of the Civil, Electrical, and Tower erection.</p> <p>The award amount is higher than the budget due to this work including a greater depth than previously similar bid work, and additional cost is due to soil conditions and for additional concrete and rebar needed for the additional depth. There are enough funds in the capital budget to cover this difference.</p> <p>1411050446 - Request approval to award a contract to M Gay Constructors, Inc. for SOCC Annex Foundation Build in the amount of \$675,130.00, subject to the availability of lawfully appropriated funds.</p>
10	JOINT PROJECT	Melendez	\$893,563.94	\$893,563.94	FLORIDA DEPT OF TRANSPORTATION	<p>Project Completion (Estimated: July 2024)</p> <p><u>FDOT FPID: 437320-1-56-01 SR 115 (Lem Turner) - Soutel Drive to Nassau County Line</u></p> <p>The scope of work the JEA portion of the project includes approximately 1,000 feet of 16” PVC water main with gate valves, fittings, fire hydrants, and connections to existing water mains. The project also includes providing new 6” PVC laterals crossing Lem Turner at Tinsley Road and Carleon Road for future water main installation. Additionally, there is a force main component that includes approximately 750 linear feet of 8” PVC force main to replace the existing 16” ductile iron force main between Capper Road and Leonid Road including insertion valves, gate valves, fittings, and connections to existing force mains.</p> <p>The water main portion provides an opportunity to increase the connectivity between two water treatment plants in the North Grid. This connection improves the supply from the Highlands Water Treatment Plant (WTP) to the Northwest WTP area during an outage. The force main improvements are required due to pump station project 180-46 which is redesigning</p>

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						<p>WOO-10340 (Capper Road Pump Station) and redirecting flows to Key Haven Pump Station 10800. This project must be completed before flow can be placed on the new 8" FM on Lem Turner. In the future, a new 8" pipe will replace the remaining portion of the 16" CI along Capper Rd and place the remaining 16" DI FM out of service to complete the improvements to the system.</p> <p>JEA's utility construction work was included with FDOT's bid and will be constructed by FDOT's contractor via the terms of the existing JEA/FDOT Master Agreement. The requested payment amount is the cost for the JEA portion of the work that is over the \$328,815.07 previously pre-paid to FDOT for this project.</p> <p>A payment amount of \$893,563.94.</p>
11	CONTRACT AMENDMENT	McElroy	\$16,017,598.76	\$16,691,525.64	<p>ANIXTER GRESKO SUPPLY, INC. IRBY UTILITIES TRI-STATE UTILITY PRODUCTS, INC. CHOCTAW-KAUL DISTRIBUTION ELECTRIC SUPPLY, INC.</p>	<p>One (1) Year with Two (2) 1- Year Renewals</p> <p><u>Pole Line Hardware Solicitation Contract Amendment</u></p> <p>The purpose of this contract amendment is to add two additional vendors and change the total amount awarded to each vendor. The purpose of this Invitation for Bid was to solicit pricing for Pole Line Hardware for JEA Inventory Stock which collectively consist of seven hundred and fifty-three (753) items.</p> <p>This award was originally approved by the Awards Committee on 01/26/2023.</p> <p>Derived from how Zycus (JEA's iProcurement platform) displayed bid results, and the complexity of the bid driving the need to analyze the proposals offline, the responses of two vendors were overlooked during the bid analysis. The oversight was discovered shortly after the award was first approved and JEA has not issued any contracts or Blanket Purchase Agreements for this solicitation. By including the bids provided by Choctaw-Kaul Distribution and Electric Supply Inc., JEA will reduce its original estimated costs presented to the Award Committee by \$113,413.41. JEA will also be diversifying its vendors for this commodity by adding Choctaw-Kaul Distribution who is a new vendor to JEA and a minority vendor. All other suppliers originally proposed work has been reduced as line-by-line offsets for work now assigned to the lowest cost vendor. It should be noted that internal local work instructions have been revised to eliminate opportunities for failure in the future.</p> <p>New Not-to-Exceed amount of \$16,691,525.64.</p>

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12	SINGLE SOURCE/RATIFIC ATION	McElroy	\$31,646,648.00	\$31,646,648.00	LANDIS+GYR TECHNOLOGY, INC.	<p>Four (4) Years Eleven (11) Months</p> <p><u>Electric Meters for JEA Inventory Stock</u></p> <p>The purpose of this award is for the purchase of electric meters that are carried in JEA's inventory stock. This award includes twenty-one (21) line items and their primary application is to measure electric consumption by JEA electric customers. These items are utilized by the Electric Meter Services department on a regular basis.</p> <p>Landis+Gyr Technology, Inc. is currently the only manufacturer approved by JEA Standards for electric meters used throughout the JEA service area. These meters are currently the only meters capable of communicating on the RF Mesh network that provides the meter reads to bill all of the JEA electric customers and the only meters able to connect to the Automated Metering Infrastructure (AMI) also, provided by Landis+Gyr Technology, Inc. JEA has been working exclusively with Landis+Gyr Technology, Inc. for electric meter services since 2001.</p> <p>JEA solicited pricing from Landis+Gyr Technology, Inc. to provide inventory replenishment for FY24 through FY28 based on expected demand. Even though this is an approximately five (5) year contract, Planning included FY29 usage in the estimated quantities based on the long lead times for the electric meters (approximately fifty (50) weeks). If these lead times continue to increase, JEA will have to order FY29 meters over a year in advance to ensure stock is available at beginning of FY29. Electric Meter Services calculates projected meter needs based on existing meters in service. JEA currently has about 515K electric meters within the network.</p> <p>Electric Meter Services projects a need for annual replacement of 3.0% of the existing meters (1.6% for manufacturing defects and 1.4% for replacements for other failures such as customers tampering with meters). Additionally, they also project that there will be a 2.6% growth for new meters installs in the network. For FY23, a projected need of 28,840 meters is needed to meet these needs in addition to the meters needed to replenish inventory stocks. JEA has had significant stores of meters for the previous few years driven from excess inventory after the JEA conversion of electric meters from one-way metering to two-way metering. Additionally, given all meters within the network were new, failures were low and all within warranty. Over the life of this contract, which covers FY24 through FY29 needs, JEA estimates it will need to purchase over 234K meters. Pricing provided by vendor has increased by less than 1% since the last pricing update in March of 2022.</p>
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							Request approval to award a contract to Landis+Gyr Technology, Inc. for electric meters in the amount of \$31,646,648.00, subject to the availability of lawfully appropriated funds.
13	INVITATION FOR BID	McElroy	\$354,000.00	\$354,000.00	HANCO INTERNATIONAL	One-Time Purchase (Expected 01/31/2025)	<p><u>Dielectric PPE Testing Equipment</u></p> <p>The purpose of this Invitation for Bid (IFB) is to buy Dielectric Personal Protective Equipment (PPE) testing equipment to test dielectric gloves, sleeves, blankets, line hoses and hot sticks. This testing process ensures the safety of personnel using JEA issued PPE and supports JEA's core value of Safety.</p> <p>There are only two approved vendors, Hanco International and Phenix Technologies, Inc. USA, that can provide dielectric PPE testing equipment that meets JEA testing requirements. Hanco's Equipment quote is \$176,960.00 less expensive than the Phenix equipment, based on the quotes provided by each vendor. Hanco International can meet those requirements using only three (3) pieces of equipment, rather than the five (5) pieces of equipment that Phenix requires. In addition to Hanco's products being more cost effective, it also provides a more efficient way of testing JEA's dielectric PPE.</p> <p>Hanco International's lead time for this equipment is two (2) years. While longer than Phenix equipment, this equipment is intended to be used in the new glove lab that is currently under construction and is projected to be completed within the next two (2) years, so the longer lead-time can be supported.</p> <p>Request approval to award a contract to Hanco International for the purchase of Dielectric PPE Testing Equipment for a total amount of \$354,00.00, subject to the availability of lawfully appropriated funds.</p>
14	CONTRACT INCREASE	McElroy	N/A	\$667,000.00	BLUE BURRO TECHNOLOGY, LLC	Project Completion (Estimated September 2023)	<p><u>Material Planning Support</u></p> <p>This contract increase is for the continued partnership for Phase 3 with Blue Burro/ ProcureAbility, in which Phases 1 and 2 (original scope completed) were to provide consulting services to assist with building a new organizational element to identify gaps in Inventory Control required skills and capabilities and to create a plan to close those gaps, with clear delineation of roles between procurement, inventory and warehousing functions. The summary and proposal have been attached as backup.</p> <p>Phase 3 will begin the implementation phase of the project and will include implementing per the organization roadmap and structure developed in Phases 1 and 2, including standing up</p>

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							<p>new roles, finalizing handbooks and toolkits for new roles, implementing metrics and KPIs for new roles, implementing new processes, and assessing to identify training and development opportunities within the team. Phase 3 will also include ongoing change management support, support in executing remaining non-organization recommendations, and operational support for critical new roles until filled by JEA. These activities will occur over approximately seven months. The cost for Phase 3 will total \$667,000.00. Travel expenses will follow the JEA procedure at no more than 10% of the total contract, if needed.</p> <p>A new not-to-exceed amount of \$1,372,000.00.</p>
15	REQUEST FOR PROPOSALS (RFP)	Melendez	\$1,054,966.00	\$954,206.49	FOUR WATERS ENGINEERING, INC.	Project Completion (Expected: April 2024)	<p><u>Engineering Services for the 101-62 Fairfax St: 1st St. to 26th St. Water Main Replacement Project</u></p> <p>The scope of work includes providing professional engineering services for the design of a water main replacement on Fairfax Street between 1st and 26th Streets in Jacksonville consisting of approximately 1,950 LF of 16-inch PVC DR18 by open cut, 4,925 LF of 20-inch ductile iron (DI) pipe by open cut, 375 LF of 24-inch HDPE by horizontal directional drill, and 100 LF of 36-inch steel casing by jack and bore installation methods; including abandonment of the existing water pipeline, final detailed design, permitting, bid phase assistance, and engineering support services during construction.</p> <p>The existing water main is nearing the end of its useful life, and replacement is necessary due to its documented poor condition of moderate to severe degradation and continued deterioration of the pipe that could lead to leaks resulting in failure.</p> <p>The award amount of \$954,206.49 is approximately 9.6% lower than the business unit estimate. The hourly rates are deemed reasonable compared to other historical rates for work of this nature. The rates are fixed for the first year and may be increased by CPI annually, if requested by the firm.</p> <p>Request approval to award a contract to Four Waters Engineering for the 101-62 Fairfax St: 1st St. to 26th St. Water Main Replacement Project in the amount of \$954,206.49, subject to the availability of lawfully appropriated fund</p>
Total Award				\$68,807,102.67			

JEA AWARDS COMMITTEE FEBRUARY 9, 2023, MEETING MINUTES

The JEA procurement Awards Committee met on February 09, 2023, in person with a WebEx option.

WebEx Meeting Number (access code): 2309 526 2709

WebEx Password: cQMmJPHA823

Members in attendance were Jenny McCollum as Chief Procurement Officer, Stephen Datz as Chairperson (onsite), Stephanie Nealy as Budget Representative, Rebecca Lavie as Office of General Counsel Representative, Hai Vu as Vice Chairperson (onsite), Laura Schepis (onsite), Ricky Erixton, and Joe Orfano (onsite). Unless otherwise indicated, all attendees were via WebEx.

Chair Datz called the meeting to order at 10:08 a.m., introduced the Awards Committee Members, and confirmed that there was an in-person quorum of the Committee membership present.

Public Comments:

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

Awards:

1. Approval of the minutes from the last meeting (02/02/2023). Chair Datz verbally presented to the Committee Members the proposed February 02, 2023, minutes as presented.

MOTION: Joe Orfano made a motion to approve the February 02, 2023, minutes (Award Item 1) as presented in the committee packet. The motion was seconded by Laura Schepis and approved unanimously by the Awards Committee (5-0).

The Committee Members reviewed and discussed the following Awards Items 1-8, 10; item 9 Deferred.

2. 1410863046– Request approval to award a contract to Resource Innovations, Inc. for Design, Implementation, and Management of Fleet Electrification Program in the amount of \$9,712,759.00, subject to the availability of lawfully appropriated funds.

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

3. Request approval to award an amendment for an increase to Wesco Distribution, Inc. (\$59,285,232.20) for the purchase of Pole-mounted and Three Phase Pad-mounted Transformers for inventory stock, for a total not-to-exceed amount of \$105,445,254.86, subject to the availability of lawfully appropriated funds

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

4. 1410943246 – Request approval to award a contract to T. G. Utility Company, Inc. for construction services for the Pritchard Road Water Main Extension project in the amount of \$2,827,111.00, subject to the availability of lawfully appropriated funds.

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

5. 1410946646– Request approval to award a contract to Southern Communications Services, Inc. dba Southern Linc

for Private Long-Term Evolution (LTE) Field Trial in the amount of \$599,000.00, subject to the availability of lawfully appropriated funds.

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

6. Request approval to award a five (5) year single source award to Landis+GYR Technology LLC for Data Management Services- Advanced Meter Infrastructure (AMI) Data Services and Network Operations and Maintenance in the amount of \$16,982,000.00, subject to the availability of lawfully appropriated funds.

MOTION: Laura Schepis made a motion to approve Award Item 6 as presented in the committee packet. The motion was seconded by Joe Orfano and approved unanimously by the Awards Committee (5-0).

7. Request approval to award a contract increase to Garney Companies, Inc. for construction of the Greenland WRF Pipelines for Water, Reclaimed Water and Sanitary Sewer Force Mains projects in the amount of \$2,851,174.42, for a new not-to-exceed amount of \$60,442,969.46, subject to the availability of lawfully appropriated funds.

MOTION: Hai Vu made a motion to approve Award Item 7 as presented in the committee packet. The motion was seconded by Ricky Erixton and approved unanimously by the Awards Committee (5-0).

8. Request approval of the license agreement with CSX Transportation inc. for the Broward River Crossing watermain project in the amount of \$51,000 substantially in the same form as attached, subject to the availability of lawfully appropriated funds.

MOTION: Laura Schepis made a motion to approve Award Item 8 as presented in the committee packet. The motion was seconded by Joe Orfano and approved unanimously by the Awards Committee (5-0).

9. DEFERRED

10. Request approval to award a contract renewal to Vallen Distribution, Inc. for safety products in the amount of \$663,943.18, for a new not-to-exceed amount of \$2,616,210.79, subject to the availability of lawfully appropriated funds.

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

Informational Item:

No informational items were presented to the Awards Committee.

Ratifications:

Award #3 was presented as a Ratification to the Awards Committee.

Public Comments:

No additional public comment speaking period was taken.

Adjournment:

Chair Datz adjourned the meeting at 10:42 a.m.

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



Formal Bid and Award System

Award #2 February 16, 2023

Type of Award Request: REQUEST FOR PROPOSALS (RFP)
Requestor Name: Garcia, Vielka M.
Requestor Phone: (401) 365-9423
Project Title: Engineering Design Services for the Lovegrove WTP Electric Upgrade Project
Index Number: 740-01
Project Location: JEA
Funds: Capital
Business Unit Estimate: \$714,930.00

Scope of Work:

The scope of engineering services includes, but is not limited to: preliminary design, final detailed design, opinion of construction cost, permitting support, engineering support during bidding, engineering services during construction, and engineering services during startup for a new conditioned electrical building with associated electric components, and for the renovation of the existing high service pump building at the Lovegrove Water Treatment Plant.

JEA IFB/RFP/State/City/GSA#: 1410869646
Purchasing Agent: Kruck, Dan
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
ARDURRA GROUP, INC.	Dave Rasmussen	drasmussen@ardurra.com	100 Center Creek Road, Suite 108, St. Augustine, FL 32084	(904) 562-2185	\$835,576.60

Amount for entire term of Contract/PO: \$835,576.60
Award Amount for remainder of this FY: \$315,096.00
Length of Contract/PO Term: Project Completion
Begin Date: 03/02/2023
End Date: Project Completion (Expected: January 2026)
JSEB Evaluation Criteria: Five Percent (5%)

Comments on JSEB Requirements:

Smith Surveying Group, LLC (Survey) - \$36,940.00
 CSI Geo, Inc. (Geotechnical) - \$4,607.00

PROPOSERS:

Name	Amount	Rank
ARDURRA GROUP, INC.	\$835,576.60	1
CHEN MOORE AND ASSOCIATES	N/A	2

Background/Recommendations:

Advertised on 09/08/2022. Four (4) prime companies attended the mandatory pre-proposal meeting held on 09/14/2022. At proposal opening on 10/04/2022, JEA received two (2) Proposals. Companies that did not participate stated that they were focusing on other opportunities. The public evaluation meeting was held on 11/14/2022 and JEA deemed Ardurra Group, Inc. most qualified to perform the work. A copy of the evaluation matrix and negotiated schedule and fees are attached for reference.

Negotiations with Ardurra Group, Inc. were successfully completed. The proposed fee is 16.9% higher than estimated; however, it is 15.8% of the updated estimated construction cost and deemed reasonable.

1410869646 – Request approval to award a contract to Ardurra Group, Inc. for engineering services for Lovegrove WTP Electric Upgrade project in the amount of \$835,576.60, subject to the availability of lawfully appropriated funds.

Manager: Phillips Brian R. – Mgr. W/WW Project Management
Senior Manager: Doherty, Peter F. – Senior Manager Project Management
Director: Conner, Sean M. – Dir. W/WW Project Engineering & Construction
VP: Melendez, Pedro A. – VP Planning Engineering & Construction

APPROVALS:

Stephen Datz 2/16/2023

Chairman, Awards Committee **Date**

Stephanie Nealy 2/16/2023

Budget Representative **Date**

1410869646 Engineering Design Services for the Lovegrove WTP Electric Upgrade Project

Vendor Rankings	Jay Barry	Vielka Garcia	Hugo Velazquez	Σ Rank	Rank
Ardurra Group, Inc.	1	1	1	3	1
Chen Moore and Associates	2	2	2	6	2

Jay Barry	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (25 Points)	JSEB (5 Points)	Total	Rank
Ardurra Group, Inc.	23	33	20	4	80.00	1
Chen Moore and Associates	21.8	23	19	4	67.80	2

Vielka Garcia	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (25 Points)	JSEB (5 Points)	Total	Rank
Ardurra Group, Inc.	29.1	40	25	4	98.10	1
Chen Moore and Associates	26	30	19	4	79.00	2

Hugo Velazquez	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (25 Points)	JSEB (5 Points)	Total	Rank
Ardurra Group, Inc.	27.1	32	22	4	85.10	1
Chen Moore and Associates	25.05	31	21	4	81.05	2

Overall Averages	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (25 Points)	JSEB (5 Points)	Total
Ardurra Group, Inc.	26.40	35.00	22.33	4.00	87.73
Chen Moore and Associates	24.28	28.00	19.67	4.00	75.95

Scope of Services

January 9, 2023

Engineering, Permitting, Bidding, and Construction Support Services for the Lovegrove Water Treatment Plant Electrical Upgrades Project

Article A. Project Purpose and Overview

The purpose of this Purchase Order is to authorize and direct Ardurra Group, Inc (CONSULTANT) to provide engineering services for the electrical evaluation, design, permitting, bidding, cost estimating and limited construction support services for the design and construction of civil, electrical, structural, and other miscellaneous improvements necessary to the Lovegrove Water Treatment Plant (WTP). This scope of services elaborates how to implement the Statement of Work provided with JEA solicitation 1410869646.

The Lovegrove Water Treatment Plant (WTP) located at 5575 Barker Street was constructed in 1972 and has a FDEP permitted capacity of 8.31 MGD at maximum daily flow (MDF). The Lovegrove WTP has one on-site and two off-site production wells that pump raw water to an aeration pipe to two 1-MG ground storage reservoirs that operate in series. Sodium hypochlorite is added upstream of the high-service pumps (HSP). The sodium hypochlorite injection pumps, storage tank and controls are housed in a covered concrete containment facility on the west side of the treatment plant site.

Most of the Lovegrove unit processes have been recently upgraded except for the electrical and control systems and wiring, making this a potential weak link in a plant that provides reliable water pressure to JEA's distribution grid. The MCC and most of its components are approaching 50 years and replacement parts are either obsolete or difficult to find. The Siemens SCADA controls were installed in the early 2000's, but much was connected through the original control location. Well No. 1 is an artesian well and is located inside the electrical building. There is a risk that water can damage the 480V MCC during well pump removal and well rehabilitation operations, which also presents a safety and reliability concern.

This project includes demolishing and relocating electrical equipment from the HSP building to a new air-conditioned electrical building. The new electrical building will house a new MCC, new ATS, new variable frequency drives, new lighting panelboard and transformer, new PLC, new network rack and a new operator workstation. The project will include a new generator docking station based on JEA's requirements for generators 500 kW and above. The new electrical building and the pump building will be provided with new security access control equipment. The project also includes evaluating the need for replacing the generator and minor modifications to the HSP building.

Article B. Scope of Services

Task 1 – Project Management

Task 1.1: Project Management

CONSULTANT will perform general administrative duties associated with the Project, including project set-up, coordination with subconsultants, progress monitoring, scheduling, team coordination, general correspondence, office administration, and monthly status reports and invoices for engineering services in the format required by the contract. Status reports will include a summary of work completed during the previous month. Project management

Task 1.2: Kick-off meeting

A Project Initiation Meeting will be conducted to confirm JEA's goals and objectives, identify roles, responsibilities, and communication protocols for project team members, identify critical success factors, confirm concepts to be evaluated in the conceptual design, identify existing information in planning documents on the project, and discuss the overall Project Work Plan, deliverables, project schedule based upon JEA Notice-To-Proceed (NTP) date and critical milestones.

Task 1.3: Risk Register

CONSULTANT will perform a risk assessment and prepare a risk register to identify and quantify, cost and schedule implications, and perceived risks for the project. The risk register will incorporate risks associated with regulatory approvals and permitting, easement acquisitions, public stakeholder issues, design and contractual issues, logistics and construction concerns, safety and security, and environmental concerns. The risk register will be submitted with the 10%, 30%, 60%, 90%, and 100% submittals.

Task 1.4: Design Phase Progress Meetings

CONSULTANT will coordinate, attend, and facilitate Design Phase Progress Meetings with JEA staff to review progress, present an updated schedule, review project costs and project trend report, and discuss any current key project decisions or challenges

- (TASK 5) TM1 and 10% concept design documents (CDC)
- (TASK 6) 30% preliminary design report (PDR)
- (TASK 7) 60% design documents
- (TASK 8) 90% design documents

Deliverables (issued via electronic delivery in PDF format)

- Up to twenty-eight (28) monthly progress reports and associated updated schedules
- Up to twenty-eight (28) invoices and progress status
- Project Work Plan
- Kick-off meeting agenda and minutes

Task 2 – Data Collection, Assessment and Evaluation

CONSULTANT shall identify necessary types of pertinent information and data regarding the PROJECT. CONSULTANT shall receive this information and data, review and summarize the materials and data. This Task's activities include, but is not limited to, the following:

Task 2.1: Conduct Site Visit

CONSULTANT shall attend one (1) site visit with the JEA PM and key stakeholders to record existing conditions and collect field data.

Task 2.2: Data Request Memorandum

CONSULTANT shall review all available data including record drawings and submit a data request memorandum to JEA.

Deliverables (issued via electronic delivery in PDF format)

- Data request memorandum
- Site visit pictures and videos

Task 3 - Topographic Survey

CONSULTANT will perform all topographical surveying required for the entire project which includes the Lovegrove WTP site. Permanent control points based on available existing benchmarks to USGS NAVD 88 datum will be established. The following items will be included in the Survey scope:

1. Identification of the adjacent property for the purposes of establishing the existing property corners as necessary.
2. Location of all structures and above ground improvements for the purposes of establishing a base file for use in preparation of design documents.
3. Topographical survey of site within known boundaries and provide digital terrain model of the site.
4. Remobilization and location of Geotechnical borings upon completion of drilling.

The SUBCONSULTANTS proposal is included in **Attachment B**.

Task 4 - Geotechnical Investigation

CONSULTANT will subcontract the preparation of Geotechnical Report including design recommendations for the project, siting boring locations & depths, tailoring field investigation & laboratory activities to specific requirements of the project as necessary, customary & in keeping with best practices for the project type & requirements. The following items will be included in the Geotechnical Investigation Scope:

1. Borings determined to be required for the following structures and processes:
 - a. New Electrical Building
 - b. New Generator and Fuel Tank
 - c. New Stormwater Pond/Swales

2. Laboratory tests to determine subsurface conditions and provide recommendations for foundations and subsurface improvements to accommodate proposed structures and processes.
3. Coordination with geotechnical subconsultant and oversight of activities, including selection and marking of boring locations and determination of necessary depths.
4. Analysis of laboratory results and preparation of detailed geotechnical report including field data (documenting boring logs and groundwater depths), laboratory data and design recommendations. Design recommendations shall include foundation recommendations, yard piping recommendations (pipe bedding, backfill, flexible connections, etc.), pavement recommendations and general construction recommendations (site preparation, excavation, subgrade preparation, dewatering, site backfill, etc.).
5. This report data will also be used by the CONSULTANT to perform the necessary evaluations for the stormwater pond(s).

The SUBCONSULTANTS proposal is included in **Attachment C**.

Task 5 – 10% Concept Design Documents (CDC)

The intent of this task is to provide for the evaluations, investigations, cost estimating and presentation of findings in a technical memorandum sequence that will incorporate recommendations to JEA.

Task 5.1: Technical Memorandum (TM) 1 - Electrical Requirements and Site Plan Alternatives

TM 1 will identify the current and proposed electrical loads for the facility and identify required modifications to the existing generator and identify if new services to the existing site are required. Three (3) site plan alternatives will be presented in the TM. The alternatives will be evaluated based on operation and maintenance considerations, capital costs, and long-term reliability and resiliency. In addition, the TM will provide options to address current long lead times in the market and identify a strategy to mitigate the long lead times on the project.

CONSULTANT will develop a draft TM, conduct an internal quality control review, address quality control comments, and then submit the draft TM to JEA for review. CONSULTANT will attend one (1) Design Phase Progress Meeting to review the draft TM submittal with JEA. The meeting will be conducted to determine the final alternative site layout so that CONSULTANT can proceed with final design. Comments from the review meeting will be incorporated into the final CDC and submitted to JEA as a final version.

Task 5.2: 10% Conceptual Design Documents

Following Task 3.1, the CONSULTANT will prepare a 10 percent Design Document for the electrical upgrades and will submit copies to the OWNER for review. The document will include:

- Project Purpose and Scope Statement
- Summary of Design Parameters/Criteria
- Preliminary Site Layout Figure
- Preliminary Electrical One-Line Diagram

- Preliminary Process and Instrumentation Drawings (P&IDs)
- Conceptual Design and Construction duration Schedule and a Class 5 Opinion of Probable Construction Cost (OPCC) as per the Association for the Advancement of Cost Consulting International (AACE) with a -30% to +50% expected accuracy level.
- Major Equipment List
- Itemized standards

CONSULTANT will develop a draft CDC, conduct an internal quality control review, address quality control comments, and then submit the draft CDC to JEA for review.

CONSULTANT will attend one (1) Design Phase Progress Meeting to review the 10% draft CDC submittal with JEA. Comments from the review meeting will be incorporated into the final CDC and submitted to JEA as a final version.

Deliverables (issued via electronic delivery in PDF format)

- Technical Memorandum 1 (Draft/Final)
- 10% Concept Design Documents progress meeting agenda and minutes
- Answer to Draft CDC comments
- 10% Design Risk Register

Task 6 – 30% Design Documents and Preliminary Design Report (PDR)

A preliminary design report will be prepared addressing the electrical, structural, and other miscellaneous improvements to the Lovegrove Water Treatment Plant (WTP) agreed upon and described in the 10% Final CDC. The Preliminary Design Report will be developed through the steps described in the tasks below.

The PDR will constitute the 30% level design effort and will be enough detail to serve as a reference to guide detailed design of Lovegrove Water Treatment Plant Electric Upgrades Project. The PDR will include drawings and figures, as needed, to illustrate the preliminary design layout.

The PDR will describe the basis of design criteria. Type, number, capacity and size of all major facility components will be identified. Design objectives and criteria for the facility will be developed.

In general, the PDR will include the following topics:

- Project Summary and Description
- Site Layout
- Summary of Design Parameters
- Structural, mechanical, architectural, electrical, and instrumentation design parameters
- Electrical one-line diagram
- P&IDs
- Major equipment listing

- Plan views and major elevation drawings, electrical, and I&C drawings as applicable
- List of specifications
- Survey results
- Preliminary utility locate results
- Preliminary layout/schematics of electrical and instrumentation modifications
- Construction sequence and description of how construction of modifications will be coordinated with WTP operations
- Draft Bid Workbook
- Class 3 OPCC per the AACE Recommended Practice No.17R-97A, and with -20% to +30% expected accuracy level.
- Prepare cost variance from the original overall project budget (OPB).
- Updated Design and Construction duration Schedule
- Summary of Required Permits

CONSULTANT will develop a draft 30% design documents and project design report, conduct an internal quality control review, address quality control comments, and then submit the final 30% design documents and project design report to JEA for review.

CONSULTANT will attend one (1) Design Phase Progress Meeting to review the 30% design documents and project design report submittal with JEA. Comments from the review meeting will be incorporated into the 30% design documents and project design report, and submitted to JEA as a final version.

Deliverables (issued via electronic delivery in PDF format)

- Topographic Survey (Draft)
- Geotechnical Engineering and Investigation report, (Draft/Final)
- 30% design documents and project design report, (Draft/Final)
- 30% Design Risk Register
- 30% design documents and project design report progress meeting agenda and minutes
- Answer to Draft 30% design documents and project design report comments

Task 7 – 60% Design Documents

CONSULTANT will incorporate all comments received from JEA during the review of TASK 6 – 30% Design Documents and Project Design Report (PDR).

CONSULTANT will progress the design to a 60% level of completion. This design will be based on the final PDR version. An internal quality control review will be conducted on the 60% design and review comments incorporated prior to submittal to JEA. The 60% design package will incorporate JEA comments provided during the PDR review meeting as well as responses to those comments.

Additionally, for the development of this 60% Design sub-task, CONSULTANT shall provide the following:

- 60% Submittal of the Contract Bid Documents.
 - Demolition phasing and construction sequencing
 - Detailed drawings
 - Plan view & major elevation drawings
 - Electrical schematics
 - P&IDs finalized and locked
 - Geotechnical report
 - Final utility locate results
 - Construction sequence and description of how construction of modifications will be coordinated with WTP operations
 - Finalized process calculations
 - Draft Bid Workbook
 - 60% Specifications including JEA's Division 0 (front-end) specifications revised as required to accommodate the Contract Bid Documents.
 - Bid form. Define what items should be bid as unit price items. Create measurement and payment descriptions for those items not covered in JEA's W&WW Standards Manual.
- Updated OPCC based on the 60% design and comments received at the 30% review meeting to produce a Class 2 OPCC per AACE and with -15% to +20% expected accuracy level.
- Prepare cost variance from the original overall project budget (OPB).
- Permit application documents, and records of the discussion with regulatory authorities, conducted as needed.
- Update Design and Construction duration Schedule Update

CONSULTANT will conduct one Design Phase Progress Meeting after the 60% design submittal. CONSULTANT will prepare an agenda; meeting summary and other materials as may be necessary to support the Design Phase Progress Meeting.

Deliverables (issued via electronic delivery in PDF format)

- 60% Submittal of the Contract Bid Documents
- Updated OPCC (in PDF format)
- Design and Construction duration Schedule refined
- Design calculations transmitted electronically in PDF format. If required.

- Approval and permit status log (with identified permitting costs) transmitted electronically in PDF format
- 60% Design Risk Register
- 60% Design Phase Progress Meeting agenda and presentation (in PDF format)
- 60% Design Phase Progress Meeting summary (in PDF format)
- Written response to the PDR (in PDF format)

Task 8 – 90% Design Documents

Consultant will progress the design to a 90% level of completion. An internal quality control review will be conducted on the 90% design and review comments incorporated prior to submittal to JEA. The 90% design package will incorporate JEA comments provided during the 60% workshop as well as responses to those comments.

For the development of this sub-task, CONSULTANT will provide the following:

- Submittal of the permit application documents
- Draft Specification
- Design and Construction duration Schedule update
- Prepare 90% Submittal of the Contract Bid Documents.
- Incorporate JEA's 60% submittal comments.
- Draft Bid Form in accordance with JEA's Front End Document and Water & Wastewater Standards Manual and Development of Documents to Pre-purchase Long Lead Electrical Equipment
- A constructability review will be conducted prior to submitting the 90% Design documents. Resolutions to constructability, review comments will be provided with documents submittal.
- Prepare Class 1 OPCC per AACE with a -10% to +15% expected accuracy level.
- Prepare cost variance from the original overall project budget (OPB).
- Update Design and Construction duration Schedule
- Incorporate Equipment Attribute Table (EAM) provided by JEA

Consultant will have one (1) Design Phase Progress Meeting after the 90% design submittal. Consultant will prepare an agenda; meeting summary and other materials as may be necessary to support the meeting.

Deliverables (issued via electronic delivery in PDF format)

- Design Submittal - 90% (Drawings, Specifications) transmitted electronically in pdf
- Final Design Calculations transmitted electronically
- Updated Design and Construction Schedule update transmitted electronically in PDF format
- Critical spare parts list
- Applicable permits

- Approval and Permit Status Log transmitted electronically
- Incorporation of Equipment Attribute Worksheet, prepared by JEA after submission of the 60% Design Package
- Draft Bid Workbook
- Updated OPCC
- 90% Design Risk Register
- Written response to the 60% Design submittal comments transmitted electronically in PDF format
- 90% Design Phase Progress Meeting agenda and presentation (in PDF format)
- 90% Design Phase Progress Meeting summary (in PDF format)

Task 9 – 100% Design Documents and Bid Documents

CONSULTANT shall provide a 100% Final Design Submittal based on the comments received from JEA, and the permitting agencies on the 100% Design Submittal prior to its re-submittal to the regulatory agencies. The requirements for the 100% Final Design

For the development of this sub-task, CONSULTANT will provide the following:

- Prepare and submit Final 100% Design Documents:
 - Update and submit the PDR
 - Final updated contract documents
 - Final Class 1 OPCC per AACE with -10% to +15% expected accuracy level.
 - Final Cost Variance tables in OWNER's template and format
 - Final bid form (OPCC, EAM, bid form shall compliment/supplement each other). The EOR submit a populated bid form.
 - Final SUE investigation report and survey
 - Final permits as available
- Incorporate supplemental permitting comments received from the permitting agencies.
- Prepare Issued for Bid Contract Documents

CONSULTANT will attend one (1) Design Phase Progress Meeting to review the 100% design documents submittal with JEA. Comments from the review meeting will be incorporated into the Draft 100% design documents, and submitted to JEA as a final version.

Deliverables

- Final 100% drawings and specifications transmitted electronically in PDF and six (6) hard copies of 11-inch by 17-inch drawings. One full size copy shall be provided for the 100% Design Phase Progress Meeting
- Incorporation of Equipment Attribute Worksheet
- Final QC performed

- Final Bid Workbook
- Final Design and Construction Schedule Update transmitted electronically in PDF format
- Written response to the 90% design submittal comments (including permitting agencies)

Task 10 – Permitting

CONSULTANT shall coordinate and prepare permitting applications for the regulatory agencies with jurisdiction. Permitting coordination may be required through the design development phase.

Comments received from JEA and regulatory agencies will be incorporated into the design schedule, drawings and specifications. Coordination and response to ROI from permitting agencies will be included in this task. Details of activities include:

- Submit permit determination requests using the PDR. Conduct permits determination with the following agencies:
 - Florida Department of Environmental Protection (Specific Permit to Construct PWS Components and ERP)
 - City of Jacksonville planning and zoning and 10-set reviews.
 - FM Global Permit for new roof and building
- Prepare permit application packages.
 - FDEP Specific Permit to Construct PWS Components
 - FDEP (SJRWMD) ERP, stormwater permit if required
 - City of Jacksonville planning and zoning permit if required
 - FM Global Permit for new roof and building
- Respond for Additional Information (RAI): Consultant is responsible for securing permits and responding to the agencies' RAIs.

Deliverables

- Permit Applications
- Resolution of comments from the permitting agencies
- Approval and permit status log

Task 11 – Bid Phase Services

Consultant will aid JEA during the bidding phase of the Project. These services assume that the Project will be publicly bid as a single bid package.

Task 11.1: Attend Pre-bid Conference

Attend one (1) pre-bid conference at the date and time established by JEA.

Task 11.2: Addenda

Interpret construction contract documents regarding Contractor questions. Support JEA with drawings and/or specification updates for addenda issuance. Up to three (3) addenda are anticipated for this project. JEA will coordinate and issue all addenda.

Task 11.3: Conformed Documents

CONSULTANT shall provide conformed documents that incorporate responses from the Addenda. Provide electronic files and six (6) paper copies of conformed drawings and specifications. JEA will be responsible for the coordination and distribution of copies of the conformed documents.

Deliverables

- Addenda as required
- Responses to request for information for bidders
- Conformed Construction Documents

Task 12 – Engineering Services During Construction

During construction, CONSULTANT will perform project administration and provide professional services that will implement the facility modifications. By performing these services, CONSULTANT shall not have authority or responsibility to supervise, direct, or control the Contractor's work or the Contractor's means and methods, techniques, sequences, or procedures of construction. CONSULTANT shall not have authority or responsibility for safety precautions and programs incident to the Contractor's work or for any failure of the Contractor to comply with laws, regulations, rules, ordinances, codes, or orders applicable to the Contractor furnishing and performing the work. CONSULTANT reviews shall not relieve the Contractor of any of his contractual responsibilities.

Specific services to be performed by CONSULTANT are as follows:

Task 12.1: Pre-construction Meeting

Attend one (1) pre-construction meeting. Consultant will provide an agenda and minutes for the meeting.

Task 12.2: Construction Progress Meetings

Attend monthly status meetings/site visits with the Contractor and JEA. Consultant will provide the agenda and meeting minutes. Up to 15 meetings are included.

Task 12.3: Review Shop Drawings

Review shop drawings submitted by the Contractor for general conformity to the construction contract documents. No more than two reviews are anticipated for each submittal item or piece of equipment. Review of up to 20 shop drawing submittals are included in this Scope of Services.

Task 12.4: Review O&M Manuals

O&M Manuals: Receive, review, evaluate, and distribute O&M manuals within 14 calendar business days of receipt of the manufacturer supplied shop drawings. The considered number of O&M manuals for the purpose of this scope of work is 5.

Task 12.5: Request for Information (RFI)

Provide responses to requests for information (RFI) or clarification, including sketches and descriptions to resolve actual field conflicts encountered. All RFIs and shop drawings submitted by the Contractor will first be reviewed by JEA and only those items relative to the engineer's design will be forwarded to the CONSULTANT for review. Preparing responses for up to 15 RFI's are included in this Scope of Services.

Task 12.6: Change Order Requests

CONSULTANT will provide technical assistance to support JEA in their review of proposed contract change orders requested by the Contractor, and JEA will lead those negotiations. Consultant's role will be to provide a technical opinion for what is/ is not included in the contract scope of work. Review and negotiation of major contract change orders that require contractor or JEA requested design efforts shall be considered as Supplemental Services. Preparing responses for up to 3 technical responses to support JEA in their review of proposed contract change orders are included in this Scope of Services.

Task 12.7: On Site Start-up and Performance Testing

Review the submitted test plans and test reports from the suppliers for the electrical equipment testing and review the certified performance testing results submittals.

Provide the following personnel on-site as needed to witness the performance testing - Electrical Engineer, Instrumentation and Controls Engineer. 2 site visits for each discipline are included in the scope of services.

Task 12.8: Substantial and Final Completion Walk-through

Upon substantial completion, CONSULTANT's Engineer of Record(s) will perform a walk-through inspection of the work with JEA. CONSULTANT will submit to the JEA a punch-list of items to be completed or corrected before final completion of the project. JEA will compile the results of the inspection into one comprehensive punch-list and provide the list to the Contractor. Upon completion or correction of the items of work on the punch-list, CONSULTANT's Engineer of Record(s) will conduct a final walk-through inspection with JEA to determine if the work has been completed. CONSULTANT will provide to JEA a list of items to be completed, if any.

Task 12.9: Construction Record Drawings

Upon completion of the project, revise the construction contract drawings to conform to the construction records kept by the Contractor. Provide three full size (22x34) and two half size (11x17) paper copy sets, and one electronic copy of the record drawings for the construction package to JEA's representative. Electronic files shall be in AutoCAD and PDF format.

CONSULTANT will review record drawings, provided by and signed and sealed by the Contractor's Registered Land Surveyor, identifying any changes made during the construction process and indicating all record information required by the regulatory agencies having jurisdiction. CONSULTANT shall provide JEA with one set of reproducible prints and one electronic version in AutoCAD 2014 format of the Record Drawings for their records.

Task 12.10: Asset Management and Project Certification

- Asset Management
 - Contractor's asset management table and equipment attribute table review (refer as asset management tables).
 - At the end of the construction, produce and submit construction asset management table for JEA review.
 - Incorporate JEA review comments and submit final asset management table.
- Project Certification: FDEP Certifications/permits relevant and require for the project

Deliverables

- Pre-construction meeting agenda and minutes.
- Up to 15 monthly status meetings/site visits agenda and meeting minutes.
- Review of up to 20 shop drawing submittals
- Up to 5 O&M manuals review
- Up to 15 RFI's review
- Up to 3 technical responses to support JEA in their review of proposed contract change orders
- Punch list
- Certificate of final completion
- Record Documents (including drawings and specifications)
- Contractor's accepted Construction Asset Management Table

Article C. Supplemental Services

Certain assumptions have been made in preparing this Scope of Services. To the extent possible, they are stated herein and are reflected in the budget for services. If the work tasks or level of effort required are different from the assumptions presented herein, or if JEA desires additional services (Supplemental Services), the resultant change may serve as a basis for modifying the Agreement as agreed upon by both JEA and CONSULTANT.

Article D. Compensation Provisions

For performing the engineering services of this Task Order, OWNER agrees to pay CONSULTANT a fee of **\$835,576.60**. See **Attachment A** for the labor hours' estimate for the lump

sum contract. The lump sum fee shall include compensation for all labor and other direct costs for the scope of services specified herein.

Article E. Period of Service

The scope of services as defined will begin when a notice-to-proceed is received from JEA. The anticipated schedule is provided as follows based on an anticipated start date of May 1, 2023. The overall design and bid duration for the project is 13 months and the construction phase services are expected to last 15 months after the project is bid by JEA.

Article F. Authorized Representatives

The Authorized Representatives designated below are authorized to act with respect to this Task Order. Communications between the parties shall be through the Authorized Representatives:

For JEA	For CONSULTANT
Name: Vielka Garcia Project Manager Water/Wastewater Project Engineering & Construction	Name: David Rasmussen, P.E. Client Service Manager
Address: 21 West Church Street, Tower 4 Jacksonville, FL 32202	Address: 100 Center Creek Road, Suite 108 St. Augustine, FL 32084
Telephone: 401-365-9423 (mobile)	Telephone: 904-593-5607

ATTACHMENT A:
FEE COMPENSATION TABLE

Scope Definition			PM/EOR	Sr. Professional Engineer / Mechanical Engineer	QA/QC Manager	Lead Structural Engineer	Lead Electrical / I&C Engineer	SR CADD Tech	Junior Professional Engineer	Clerical / Admin	Subconsultants	HOURS/TASK	TOTAL FEE/TASK
TASK			\$ 248.00	\$ 226.30	\$ 291.40	\$ 226.30	\$ 226.30	\$ 147.25	\$ 148.80	\$ 91.45			
1	PROJECT MANAGEMENT												\$ -
	1.1	Project Management	72.0		8.0		16.0		36.0	72.0		204	\$ 35,749.20
	1.2	Kick-off Meeting	4.0	4.0		4.0	4.0		8.0	2.0		26	\$ 5,080.90
	1.3	Risk Register	4.0			4.0	4.0		4.0	2.0		18	\$ 3,580.50
	1.4	Design Phase Project Meetings	24.0	16.0		16.0	16.0		32.0	12.0		116	\$ 22,673.40
1		TASK 1 LABOR FEE	\$ 25,792.00	\$ 4,526.00	\$ 2,331.20	\$ 5,431.20	\$ 9,052.00	\$ -	\$ 11,904.00	\$ 8,047.60	\$ -		\$ 67,084.00
		TASK 1 HOURS	104	20	8	24	40	0	80	88		364	
		TASK 1 LUMP SUM											\$ 67,084.00
2	DATA COLLECTION, ASSESSMENT AND EVALUATION												\$ -
	2.1	Conduct site visit	4.0	4.0		4.0	4.0	4.0	4.0			24	\$ 4,891.80
	2.2	Data request memorandum	2.0			4.0	4.0		8.0	2.0		20	\$ 3,679.70
2		TASK 2 LABOR FEE	\$ 1,488.00	\$ 905.20	\$ -	\$ 1,810.40	\$ 1,810.40	\$ 589.00	\$ 1,785.60	\$ 182.90	\$ -		\$ 8,571.50
		TASK 2 HOURS	6	4	0	8	8	4	12	2	-	44	
		TASK 2 LUMP SUM											\$ 8,571.50
3	TOPOGRAPHIC SURVEY										32,940.0		\$ 32,940.00
3		TASK 3 LABOR FEE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,940.00		\$ 32,940.00
		TASK 3 HOURS	0	0	0	0	0	0	0	0	-		
		TASK 3 LUMP SUM											\$ 32,940.00
4	GEOTECHNICAL INVESTIGATION										4,607.0		\$ 4,607.00
4		TASK 4 LABOR FEE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,607.00		\$ 4,607.00
		TASK 4 HOURS	0	0	0	0	0	0	0	0	-		
		TASK 4 LUMP SUM											\$ 4,607.00
5	10% Concept Design Documents (CDC)												\$ -
	5.1	Technical Memorandum (TM) 1 - Electrical Requirements and Site Plan Alternatives	4.0		8.0	6.0	40.0	24.0	24.0	8.0		114	\$ 21,569.80
	5.2	10% Conceptual Design Documents	8.0	2.0	16.0	2.0	24.0	60.0	40.0	8.0		160	\$ 28,501.40
5		TASK 5 LABOR FEE	\$ 2,976.00	\$ 452.60	\$ 6,993.60	\$ 1,810.40	\$ 14,483.20	\$ 12,369.00	\$ 9,523.20	\$ 1,463.20	\$ -		\$ 50,071.20
		TASK 5 HOURS	12	2	24	8	64	84	64	16	-	274	
		TASK 5 LUMP SUM											\$ 50,071.20
6	30% Design Documents and Project Design Report (PDR)										2,000.0		\$ 2,000.00
		Documents and PDR	24.0	8.0	24.0	60.0	80.0	120.0	120.0	40.0		476	\$ 85,622.00
		Prepare and submit AACE Class 3 opinion of probable cost	4.0	4.0	2.0	4.0	16.0		24.0	2.0		56	\$ 10,760.10
		Prepare cost variance from the original overall project budget (OPB).	2.0	1.0	2.0	2.0	4.0		12.0	2.0		25	\$ 4,631.40
6		TASK 6 LABOR FEE	\$ 7,440.00	\$ 2,941.90	\$ 8,159.20	\$ 14,935.80	\$ 22,630.00	\$ 17,670.00	\$ 23,212.80	\$ 4,023.80	\$ 2,000.00		\$ 103,013.50
		TASK 6 HOURS	30	13	28	66	100	120	156	44	-	557	
		TASK 6 LUMP SUM											\$ 103,013.50
7	60% Design Documents and Project Design Report (PDR)										6,000.0		\$ 6,000.00
		Prepare and submit 60% submittal Contract Bid Documents	32.0	24.0	32.0	60.0	96.0	140.0	120.0	36.0		540	\$ 99,758.00
		Develop demolition phasing and construction sequencing	8.0		4.0		24.0	24.0	24.0	4.0		88	\$ 16,051.80
		Prepare and submit required schedules	4.0	2.0	2.0		8.0		16.0	2.0		34	\$ 6,401.50
		Develop project bid form	2.0		2.0		2.0		2.0	1.0		9	\$ 1,920.45
		Review and edit JEA's Division 0 (front-end) specifications as required to accommodate the Contract Bid Documents.	4.0	2.0			8.0		16.0	4.0		34	\$ 6,001.60
		Prepare and submit AACE Class 2 opinion of probable cost	4.0	2.0	2.0	4.0	8.0		24.0	4.0		48	\$ 8,680.00
		Prepare and submit cost variance	2.0	2.0	2.0		4.0		8.0	4.0		22	\$ 3,992.80
7		TASK 7 LABOR FEE	\$ 13,888.00	\$ 7,241.60	\$ 12,821.60	\$ 14,483.20	\$ 33,945.00	\$ 24,149.00	\$ 31,248.00	\$ 5,029.75	\$ 6,000.00		\$ 148,806.15
		TASK 7 HOURS	56	32	44	64	150	164	210	55	-	2,437	
		TASK 7 LUMP SUM											\$ 148,806.15
8	90% DESIGN DOCUMENTS										3,000.0		\$ 3,000.00
		Prepare and submit 90% Submittal of the Contract Bid Documents	18.0	16.0	32.0	60.0	80.0	96.0	120.0	36.0		458	\$ 84,375.80
		Submit 90% bid form and Development of Documents for Pre-purchase	2.0		2.0		4.0		2.0	1.0		11	\$ 2,373.05
		Prepare and submit AACE Class 1 opinion of probable cost. Refine construction timeline.	4.0	2.0	2.0	4.0	8.0		16.0	4.0		40	\$ 7,489.60
		Prepare cost variance from the original overall project budget (OPB).	2.0	1.0	2.0		4.0		8.0	4.0		21	\$ 3,766.50
		Incorporate Equipment Attribute Table (EAM)	2.0		2.0		8.0		8.0	2.0		22	\$ 4,262.50
8		TASK 8 LABOR FEE	\$ 6,944.00	\$ 4,299.70	\$ 11,656.00	\$ 14,483.20	\$ 23,535.20	\$ 14,136.00	\$ 22,915.20	\$ 4,298.15	\$ 3,000.00		\$ 105,267.45
		TASK 8 HOURS	28	19	40	64	104	96	154	47	-	552	
		TASK 8 LUMP SUM											\$ 105,267.45
9	100% BID DOCUMENTS										1,000.0	0	\$ 1,000.00
		Prepare and submit 100% final design documents	24.0	16.0	16.0	32.0	40.0	80.0	72.0	36.0		316	\$ 56,314.60
		Update PDR	4.0	2.0	2.0	2.0	6.0		4.0	24.0		44	\$ 6,627.80
		Develop and submit final probable opinion of probable cost	4.0	2.0	2.0	4.0	8.0		8.0	2.0		30	\$ 6,116.30

		Deveop final cost variance table	2.0	2.0	2.0	2.0		4.0	2.0		14	\$	2,762.10
		Develop and submit final bid form	4.0		2.0		2.0	2.0	2.0		12	\$	2,507.90
9		TASK 9 LABOR FEE	\$ 9,424.00	\$ 4,978.60	\$ 6,993.60	\$ 8,599.40	\$ 13,125.40	\$ 11,780.00	\$ 13,392.00	\$ 6,035.70	\$ 1,000.00		\$ 75,328.70
		TASK 9 HOURS	38	22	24	38	58	80	90	66	-	416	
		TASK 9 LUMP SUM											\$ 75,328.70
10	PERMITTING												\$ -
		Submit permit determination request using the PDR. Conduct permit determination with the agencies	12.0	2.0	2.0				24.0	8.0		48	\$ 8,314.20
		FDEP Specific Permit to Construct PWS Components	4.0		2.0				24.0	4.0		34	\$ 5,511.80
		FDEP/SJRWMD Stormwater Management Permit	4.0	4.0	2.0				8.0	4.0		22	\$ 4,036.20
		COJ planning and zoning	4.0	4.0	2.0				8.0	4.0		22	\$ 4,036.20
		FM Global Permit for new roof	4.0		2.0				8.0	4.0		18	\$ 3,131.00
		Respond for Additional Information (RAI): Consultant is responsible for securing permits and responding to the agencies' RAIs.	8.0	4.0	2.0	2.0			8.0	4.0		28	\$ 5,480.80
10		TASK 10 LABOR FEE	\$ 8,928.00	\$ 3,168.20	\$ 3,496.80	\$ 452.60	\$ -	\$ -	\$ 11,904.00	\$ 2,560.60	\$ -		\$ 30,510.20
		TASK 10 HOURS	36	14	12	2	0	0	80	28	-	172	
		TASK 10 LUMP SUM											\$ 30,510.20
11	BID PHASE SERVICES										1,500.0		\$ 1,500.00
	11.1	Attend the pre-bid conference	4.0				4.0		4.0			12	\$ 2,492.40
	11.2	Addenda	12.0	4.0	6.0	4.0	16.0	16.0	40.0	4.0		102	\$ 18,829.40
	11.3	Conformed Documents	4.0	2.0	6.0	8.0	8.0	40.0	24.0	4.0		96	\$ 16,640.80
11		TASK 11 LABOR FEE	\$ 4,960.00	\$ 1,357.80	\$ 3,496.80	\$ 2,715.60	\$ 6,336.40	\$ 8,246.00	\$ 10,118.40	\$ 731.60	\$ 1,500.00		\$ 39,462.60
		TASK 9 HOURS	20	6	12	12	28	56	68	8	-	210	
		TASK 11 LUMP SUM											\$ 39,462.60
12	ENGINEERING SERVICES DURING CONSTRUCTION										7,000.0		\$ 7,000.00
	12.1	Pre-Construction Meeting	6.0		2.0		6.0		8.0	4.0		26	\$ 4,984.80
	12.2	Construction Progress Meetings	38.0	8.0		8.0	48.0		48.0	16.0		166	\$ 32,512.80
	12.3	Review Shop Drawings	10.0	12.0		20.0	40.0		68.0	10.0		160	\$ 29,806.50
	12.4	O&M Manuals	2.0				12.0		24.0	2.0		40	\$ 6,965.70
	12.5	Requests for Information (RFI)	8.0	4.0		8.0	20.0		16.0	4.0		60	\$ 11,972.20
	12.6	Change Order Requests	6.0				6.0			6.0		18	\$ 3,394.50
	12.7	On Site Start-up and Performance Testing	2.0				36.0		8.0			46	\$ 9,833.20
	12.8	Substantial and Final Completion Walk-Through	14.0		8.0	12.0	18.0		24.0	2.0		78	\$ 16,346.30
	12.9	Construction Record Drawings	8.0		8.0	24.0	36.0	60.0	24.0	4.0		164	\$ 30,665.20
	12.10	Asset Management and Project Certification	16.0		10.0		24.0		24.0	6.0		80	\$ 16,433.10
10		TASK 12 LABOR FEE	\$ 27,280.00	\$ 5,431.20	\$ 8,159.20	\$ 16,293.60	\$ 55,669.80	\$ 8,835.00	\$ 36,307.20	\$ 4,938.30	\$ 7,000.00		\$ 169,914.30
		TASK 10 HOURS	110	24	28	72	246	60	244	54	-	838	
		TASK 12 LUMP SUM											\$ 169,914.30
		TOTAL PROJECT LUMP SUM (TASKS)	\$ 109,120.00	\$ 35,302.80	\$ 64,108.00	\$ 81,015.40	\$ 180,587.40	\$ 97,774.00	\$ 172,310.40	\$ 37,311.60	\$ 58,047.00		\$ 835,576.60
		GRAND TOTAL PROJECT HOURS	440	156	220	358	798	664	1,158	408		5,864	
		GRAND TOTAL PROJECT FEE											\$ 835,576.60



Formal Bid and Award System

Award #3 February 16, 2023

Type of Award Request: CONTRACT INCREASE
Requestor Name: Baldwin, David
Requestor Phone: (904) 665-8895
Project Title: BBGS Units 2 & 3 Feedwater Heater Replacement Project
Project Number: 8007873
Project Location: JEA
Funds: Capital
Business Unit Estimate: \$459,000.00

Scope of Work:

JEA's Brandy Branch Generating Station's gas turbine Units 2 and 3 feedwater heater bundles are at the end of life after eighteen (18) years of operation. Each gas combustion turbine unit has a heat regenerating steam generator (HRSG), and each HRSG has three (3) feedwater heater bundles. The HRSG is built into the exhaust system of each combustion turbine and transfers exhaust heat energy into the HRSG to generate steam to power the combined cycle steam driven turbine unit for additional electrical generation.

This award is for the purchase of the feedwater heaters. Installation will be completed by separate contract.

Pursuant to section 3 – 112 of the JEA Purchasing Code - A Contract may be awarded for Supplies or Services as a Single Source when, pursuant to the Operational Procedures, the Chief Procurement Officer determines that:

(b) the Supplies or Services must be a certain type, brand, make or manufacturer due to the criticality of the item or compatibility within a JEA utility system, and such Supplies or Services may not be obtained from multiple sources such as distributors;

The use of the OEM for Fabrication reduces significant operational risk, outage duration and potential for defects in allowing non-OEM fabricated equipment.

JEA IFB/RFP/State/City/GSA#: 541511
Purchasing Agent: Lovgren, Rodney Dennis
Is this a ratification?: NO

RECOMMENDED AWARDEE:

Name	Contact Name	Original Award	Contract Increase	New NTE
OPTIMUS INDUSTRIES LLC (DBA - CHANUTE MANUFACTURING COMPANY)	Clint Isasc	\$3,236,774.00	\$459,000.00	\$3,695,774.00

Amount of Original Award: \$3,236,774.00
Date of Original Award: 05/19/2022
Change Order Amount: \$459,000.00

New Not-To-Exceed Amount: \$3,695,774.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 05/23/2022
End Date (mm/dd/yyyy): Project Completion (estimated 05/31/2023)
JSEB Requirement: NA – Optional

Background/Recommendations:

Single Source approved by Awards Committee on 05/19/2022. The original award is attached as back-up.

This request is to add funds for shipping in the amount of \$459,000.00, the shipping charges were not included in the original award due to the supplier not being able to provide a fixed price quote at the time of the original award. JEA requested Chanute Manufacturing Company provide a final fixed price near the shipping date. The shipping cost exceeded the 10% administrative increase available on the contract, as such, JEA is bringing the shipping cost to the Awards Committee for approval. Shipping is being provided at cost plus a 2% markup to cover overhead and administrative charges.

It should be noted that this freight will require six (6) loads to bring all the feedwater header equipment to Brandy Branch Generating Station. Each load is 150,000 lbs, 60' long (overlength), 10' wide (wide load), 6' high and is coming from Kansas. Each load is required to be permitted in each state it's passing through, will require escorts and specific trucking times. Chanute Manufacturing Company quoted multiple companies and is using two different companies and the prices ranged from \$76,000.00 - \$96,000.00 per load. Based on various freight market indices (with freight costs up 50%, as compared to 2018 – 2019), and other data reviewed, the price is deemed reasonable.

Request approval for a contract increase to Optimus Industries LLC DBA Chanute Manufacturing Company for supply of feedwater heaters for BBGS Units 2 and 3 specifically to add shipping costs in the amount of \$459,000.00, for a new not-to-exceed amount of \$3,695,774.00, subject to the availability of lawfully appropriated funds.

Manager: Akrayi, Jamila R. - Mgr Project Management
Director: Acs, Gabor - Sr Dir Engineering & Projects
VP: Melendez, Pedro A - VP Planning Engineering & Construction

APPROVALS:

Stephen Datz 2/16/2023
Chairman, Awards Committee Date

Stephanie Nealy 2/16/2023
Budget Representative Date



1/26/2023

COP#: 20230126-001

JEA PO# 20538

CMC/BWC Job # 22116 Feedwater Heater Replacement

Mr. Baldwin,

In response to your request, Babcock and Wilcox submits the following Change Order Proposal for the shipping of (6) Harp Bundles. Pricing includes freight and permitting for all (6) loads. Pricing does not include offloading at the jobsite.

(6) Six loads @ 76,500.00

Total= \$459,000.00

COP Notes:

Pricing is valid for (7) days.

Terms of payment are net 30 from invoicing.



Thank you,

Mike Files

Project Specialist

Office: 620-431-3100 Ext. 116

Cell: (620)953-2092

www.chanutemfg.com



Formal Bid and Award System

Award #8 May 19, 2022

Type of Award Request: SINGLE SOURCE

Requestor Name: David Baldwin

Requestor Phone: 904-665-8895

Project Title: BBGS Units 2 & 3 Feedwater Heater Replacement Project

Project Number: 8007873

Project Location: JEA

Funds: Capital

Budget Estimate: \$3,236,774.00

Scope of Work:

JEA's Brandy Branch Generating Station's gas turbine Units 2 and 3 feedwater heater bundles are at the end of life after eighteen (18) years of operation. Each gas combustion turbine unit has a heat regenerating steam generator (HRSG), and each HRSG has three (3) feedwater heater bundles. The HRSG is built into the exhaust system of each combustion turbine and transfers exhaust heat energy into the HRSG to generate steam to power the combined cycle steam driven turbine unit for additional electrical generation.

This award is for the purchase of the feedwater heaters. Installation will be completed by separate contract.

Pursuant to section 3 – 112 of the JEA Purchasing Code - A Contract may be awarded for Supplies or Services as a Single Source when, pursuant to the Operational Procedures, the Chief Procurement Officer determines that:

(b) the Supplies or Services must be a certain type, brand, make or manufacturer due to the criticality of the item or compatibility within a JEA utility system, and such Supplies or Services may not be obtained from multiple sources such as distributors;

The use of the OEM for Fabrication reduces significant operational risk, outage duration and potential for defects in allowing non-OEM fabricated equipment.

Requisition: 541511

Purchasing Agent: Lovgren, Rodney D.

Is this a ratification?: NO

If yes, explain: N/A

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
OPTIMUS INDUSTRIES LLC (DBA - CHANUTE MANUFACTURING COMPANY)	Clint Isaac	5727 S. Lewis Suite 600, Tulsa, OK 74105	(918) 491-9191	\$3,236,774.00

Amount for entire term of Contract/PO: \$3,236,774.00
Award Amount for remainder of this FY: \$1,294,709.60
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 05/23/2022 (issue P.O.)
End Date (mm/dd/yyyy): Project Completion (estimated 05/31/2023)
JSEB Requirement: N/A – Single Source

Background/Recommendations:

JEA's predictive maintenance team tracks equipment performance and predicts equipment end of life based on performance and maintenance data taken during operations and outage periods. The Unit 2 and 3 HRSG feedwater heaters, if not replaced in a timely manner could lead to downtime depending on the severity of any potential leaks or tube failures. Based on outage inspections and thinning of tubes, JEA has made the determination to replace feedwater heater bundles on both units 2 and 3 during the spring 2023 upcoming outage. Additionally, since the decommissioning of the SJRPP, these units are more critical.

When considering the current prices in the steel market and cost of fabricated products, the quote price is higher than expected. JEA last purchased HSRG equipment in 2018 and purchased LP evaporators for units 2 and 3 for \$4.3M which included installation services, which only provides a rough order of magnitude, since the scope was for different equipment. When comparing pricing to the potential impact to the plant from reduced operations or downtime, the price is considered reasonable.

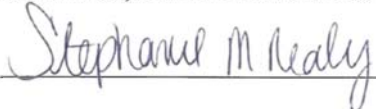
Request approval to award a single sourced contract to Chanute Manufacturing for feedwater heater bundles for Brandy Branch Units 2 and 3 in the amount of \$ \$3,236,774.00, subject to the availability of lawfully appropriated funds.

Manager: Akrayi, Jamila R. - Mgr Project Management
Director: Limbaugh, Margaret Z. - Dir Energy Project Management
VP: Erixton, Ricky D. - VP Electric Systems

APPROVALS:

 5-19-22

Chairman, Awards Committee **Date**

 5/20/2022

Budget Representative **Date**



Formal Bid and Award System

Award #4 February 16, 2023

Type of Award Request: CONTRACT INCREASE
Requestor Name: Doherty, Peter F. - Senior Manager, W/WW Project Management
Requestor Phone: (651) 356-5287
Project Title: Construction Management-at-Risk (CMAR) Services for the Nassau Water Reclamation Facility (WRF) Upgrade Projects
Index Number: 870-08
Project Location: JEA
Funds: Capital
Business Unit Estimate: \$6,500,000.00

Scope of Work:

The scope of work to be performed under this solicitation consists of Construction Management-at-Risk services for the Nassau WRF Upgrade Projects. The upgrade projects include, but are not limited to, new common headworks, oxidation ditches, secondary clarifiers, UV disinfection upgrades, in plant pump stations, sludge holding tank, and new operations and maintenance buildings. The Nassau WRF currently provides treatment for up to 2 million gallons per day (MGD) annual average daily flow (AADF) of wastewater, a planned future expansion will bring the total treatment capability up to 4 MGD AADF.

JEA IFB/RFP/State/City/GSA#: 001-20
Purchasing Agent: Kruck, Dan
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
THE HASKELL COMPANY	Bryan Bedell	bryan.bedell@haskell.com	111 Riverside Ave, Jacksonville FL 32202	(904) 791-4662	\$6,258,101.00

Amount of Original Award: \$420,020.00
Date of Original Award: 12/10/2020
Contract Increase Amount: \$6,258,101.00

List of Previous Change Order/Amendments:

CPA #	Amount	Date	Reason
194530	\$19,899,397.00	06/23/2022	Long lead equipment and early site work
194530	\$85,235,958.00	10/06/2022	Construction GMP based on 75% design documents

New Not-To-Exceed Amount: \$111,813,476.00
Length of Contract/PO Term: Project Completion
Begin Date: 01/05/2021

End Date: Project Completion (Expected: February 2025)

JSEB Requirement: N/A

Notes on JSEB Requirement:

The Haskell Company solicited bids from JSEB vendors for various work packages in the GMP but received no responses. The contractor has identified certain scopes of work that JSEB firms may be able to accomplish. The Haskell Company has committed a minimum of \$721,561.00 in spend to JSEBs during the construction phase of the work and will work with JEA's JSEB manager to identify additional opportunities.

Background/Recommendations:

Originally approved by Awards Committee on 12/10/2020 in the amount of \$420,020.00 to The Haskell Company. The Awards Committee approved a contract increase on 06/23/2022 for long lead equipment and early site work in the amount of \$19,899,397.00. Additionally, the Awards Committee approved an increase of \$85,235,958.00 on 10/06/2022 for a construction guaranteed maximum price (GMP) based on the 75% design documents. A copy of the previous awards are attached for reference.

This award request is for a contract increase to the CMAR contract of The Haskell Company for Nassau WRF Upgrade project. This contract increase is for a 100% true-up of five of eight allowances carried in the 75% GMP. JEA elected to have a 100% true-up to reduce the dollar value of the allowances in the GMP. This partial true-up is needed to allow critical subcontractors to be committed to avoid negative impacts to the project schedule. When the remaining three allowance items are bid another request will be brought before the Awards Committee for approval. This contract increase was reviewed by JEA project staff and JEA's owner's representative and deemed reasonable when compared with other plant projects. A copy of the GMP overview letter is attached for reference.

Request approval to award a contract increase to The Haskell Company for construction of the Nassau Water Reclamation Facility (WRF) Upgrade projects in the amount of \$6,258,101.00, for a new not-to-exceed amount of \$111,813,476.00, subject to the availability of lawfully appropriated funds.

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

VP: Melendez, Pedro A. - VP Planning Engineering & Construction

APPROVALS:

Stephen Datz 2/16/2023
Chairman, Awards Committee **Date**

Stephanie Nealy 2/16/2023
Budget Representative **Date**



Formal Bid and Award System

Award #6 October 6, 2022

Type of Award Request: CONTRACT INCREASE
Requestor Name: Ramirez, Samuel T.
Requestor Phone: (904) 306-6000
Project Title: Construction Management-at-Risk (CMAR) Services for the Nassau Water Reclamation Facility (WRF) Upgrade Projects
Index Number: 870-08
Project Location: JEA
Funds: Capital
Budget Estimate: \$87,052,670.00

Scope of Work:

The scope of work to be performed under this solicitation consists of Construction Management-at-Risk services for the Nassau WRF Upgrade Projects. The upgrade projects include, but are not limited to, new common headworks, oxidation ditches, secondary clarifiers, UV disinfection upgrades, in plant pump stations, sludge holding tank, and new operations and maintenance buildings. The Nassau WRF currently provides treatment for up to 2 million gallons per day (MGD) annual average daily flow (AADF) of wastewater, a planned future expansion will bring the total treatment capability up to 4 MGD AADF.

JEA IFB/RFP/State/City/GSA#: 001-20
Purchasing Agent: Kruck, Dan
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
THE HASKELL COMPANY	Bryan Bedell	bryan.bedell@haskell.com	111 Riverside Ave, Jacksonville FL 32202	(904) 791-4662	\$85,235,958.00

Amount of Original Award: \$420,020.00
Date of Original Award: 12/10/2020
Contract Increase Amount: \$85,235,958.00

List of Previous Change Order/Amendments:

CPA #	Amount	Date	Reason
194530	\$19,899,397.00	06/23/2022	Long lead equipment and early site work

New Not-To-Exceed Amount: \$105,555,375.00
Length of Contract/PO Term: Project Completion
Begin Date: 01/05/2021
End Date: Project Completion (Expected: February 2025)
JSEB Requirement: N/A

Notes on JSEB Requirement:

The Haskell Company solicited bids from JSEB vendors for various work packages in the GMP but received no responses. The contractor has identified certain scopes of work that JSEB firms may be able to accomplish. The Haskell Company has committed a minimum of \$721,561.00 in spend to JSEBs during the construction phase of the work and will work with JEA's JSEB manager to identify additional opportunities.

Background/Recommendations:

Originally approved by Awards Committee on 12/10/2020 in the amount of \$420,020.00 to The Haskell Company. The Awards Committee approved a contract increase on 06/23/2022 for long lead equipment and early site work in the amount of \$19,899,397.00. A copy of the previous awards are attached for reference.

This award request is for a contract increase to the CMAR contract of The Haskell Company for Nassau WRF Upgrade project. This contract increase is for the guaranteed maximum price (GMP) based on the 75% design documents. The negotiated GMP is approximately 2.1% below the JEA estimate for this work. Once design reaches 100% a true-up will be completed to finalize the construction cost. It is expected that most of the true-up will be covered by the included contingency and allowance items in the GMP. Those contingency and allowances are based on a risk register that has been agreed upon by JEA and The Haskell Company. The GMP was reviewed by JEA project staff and JEA's owner's representative and deemed reasonable when compared with other plant projects. A copy of the GMP overview letter is attached for reference.

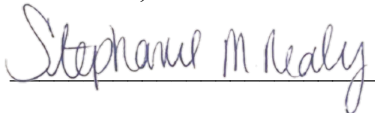
Request approval to award a contract increase to The Haskell Company for construction of the Nassau Water Reclamation Facility (WRF) Upgrade projects in the amount of \$85,235,958.00, for a new not-to-exceed amount of \$105,555,375.00, subject to the availability of lawfully appropriated funds.

Manager	Doherty, Peter F. - Senior Manager, W/WW Project Management
Director:	Conner, Sean M. - Dir W/WW Project Engineering & Construction
VP:	Vu, Hai X. - VP Water Wastewater Systems

APPROVALS:

	10/06/2022
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Chairman, Awards Committee	Date
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	10/06/2022
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Budget Representative	Date
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Formal Bid and Award System

Award #2 June 23, 2022

Type of Award Request: CONTRACT INCREASE
Requestor Name: Ramirez, Samuel T.
Requestor Phone: (904) 306-6000
Project Title: Construction Management-at-Risk (CMAR) Services for the Nassau Water Reclamation Facility (WRF) Upgrade Projects
Index Number: 870-08
Project Location: JEA
Funds: Capital
Budget Estimate: \$20,000,000.00

Scope of Work:

The scope of work to be performed under this solicitation consists of Construction Management-at-Risk services for the Nassau WRF Upgrade Projects. The upgrade projects include, but are not limited to, new common headworks, oxidation ditches, secondary clarifiers, UV disinfection upgrades, in plant pump stations, sludge holding tank, and new operations and maintenance buildings. These improvement projects are needed to update the treatment process at the Nassau WRF to meet current and future needs.

JEA IFB/RFP/State/City/GSA#: 001-20
Purchasing Agent: Kruck, Dan
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
THE HASKELL COMPANY	Bryan Bedell	bryan.bedell@haskell.com	111 Riverside Ave, Jacksonville FL 32202	(904) 791-4662	\$19,899,397.00

Amount of Original Award: \$420,020.00
Date of Original Award: 12/10/2020
Change Order Amount: \$19,899,397.00
New Not-To-Exceed Amount: \$20,319,417.00
Length of Contract/PO Term: Project Completion
Begin Date: 01/05/2021
End Date: Project Completion (Expected: April 2023)
JSEB Requirement: N/A - Optional

Background/Recommendations:

Originally approved by Awards Committee on 12/10/2020 in the amount of \$420,020.00 to The Haskell Company. A copy of the original award is attached as backup.

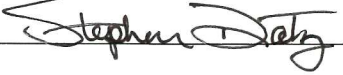

This award request is for a contract increase to the CMAR contract of The Haskell Company for Nassau WRF Upgrade project. This contract increase is an early work package to perform site clearing, grubbing, filling, grading and vibro replacement (soil improvements). Also included in the early work package is to install dewatering systems, temporary utilities and power to the dewatering pumping system, and to

construct storm water pond, prestressed concrete tanks, and piping and electrical ductwork beneath the tanks. This contract increase also includes the purchase of a center flow band screen, screw washer, compactor, secondary clarifiers and a UV system, due to the long lead times for these items. The fee proposal was reviewed by the project staff and deemed reasonable when compared to past projects. A copy of the fee overview letter is attached for reference. The overall total budget for this project is \$87,829,760.00, with an estimated construction cost of \$69,145,784.00 included in that budget. As the design progress, additional GMPs will be brought before the Awards Committee for approval for the rest of construction.

Request approval to award a contract increase to The Haskell Company for an early work package and long lead equipment purchase for the Construction Management-at-Risk (CMAR) Services for the Nassau Water Reclamation Facility (WRF) Upgrade projects in the amount of \$19,899,397.00, for a new not-to-exceed amount of \$20,319,417.00, subject to the availability of lawfully appropriated funds.

Manager Doherty, Peter F. - Senior Manager, Project Management
Director: Conner, Sean M. - Dir W/WW Project Engineering & Construction
VP: Vu, Hai X. - VP Water Wastewater Systems

APPROVALS:

	<u>6/23/22</u>
Chairman, Awards Committee	Date
	6/23/22
Budget Representative	Date



Formal Bid and Award System

Award #7 December 10, 2020

Type of Award Request: PROPOSAL (RFP)
Request #: 6697
Requestor Name: West, Hugh G.
Requestor Phone: (904) 665-4409
Project Title: Construction Management-at-Risk (CMAR) Services for the Nassau Water Reclamation Facility (WRF) Upgrade Projects
Project Number: 8004271
Project Location: JEA
Funds: Capital
Budget Estimate: \$550,000.00 (Phase 1 Estimate)

Scope of Work:

The scope of work to be performed under this solicitation consists of Construction Management-at-Risk services for the Nassau WRF Upgrade Projects. The upgrade projects include, but are not limited to, new common headworks, oxidation ditches, secondary clarifiers, UV disinfection upgrades, in plant pump stations, sludge holding tank, and new operations and maintenance buildings. These improvement projects are needed to update the treatment process at the Nassau WRF to meet current and future needs.

JEA IFB/RFP/State/City/GSA#: 001-20
Purchasing Agent: Kruck, Daniel R.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
THE HASKELL COMPANY	Bryan Bedell	bryan.bedell@haskell.com	111 Riverside Ave, Jacksonville FL 32202	(904) 791-4662	\$420,020.00

Amount for entire term of Contract/PO: \$420,020.00
Award Amount for remainder of this FY: \$189,009.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 01/05/2021
End Date (mm/dd/yyyy): Project Completion (Expected: July 2024)
JSEB Requirement: Optional for Phase 1
Comments on JSEB Requirements:
 No JSEB participation in Phase 1. Contractor will meet JSEB goals during Phase 2.

PROPOSERS:

Name	Amount	Rank
THE HASKELL COMPANY	\$420,020.00	1
GARNEY COMPANIES, INC.	N/A	2
PCL CONSTRUCTION INC.	N/A	3
CLARK CONSTRUCTION GROUP, LLC	N/A	4
PC CONSTRUCTION COMPANY	N/A	5
MWH CONSTRUCTORS	N/A	6
ULLIMAN SCHUTTE/SAWCROSS INC.	N/A	7

Background/Recommendations:

Advertised on 10/10/2019. Eleven (11) prime companies attended the mandatory pre-proposal meeting held on 10/21/2019. At proposal opening on 11/19/2019, JEA received seven (7) Proposals. The public evaluation meeting was held on 12/30/2019 and JEA deemed The Haskell Company most qualified to perform the work. A copy of the evaluation matrix and negotiated fees are attached as backup.

Negotiations with The Haskell Company were successfully completed for Phase 1 of this project. Phase 1 consists of developing the project schedule, design and constructability reviews, developing work packages, value engineering and developing the Guaranteed Maximum Price (GMP). The total preconstruction costs are 0.76% of the estimated total construction costs, and the fee is deemed reasonable (typically 0.5% - 3% of total construction costs). If negotiations for the final GMP are not successful, JEA reserves the right not to proceed with construction with this contractor.

001-20 – Request approval to award a contract to The Haskell Company, for pre-construction services for the Construction Management-at-Risk (CMAR) Services for the Nassau Water Reclamation Facility (WRF) Upgrade Projects in the amount of \$420,020.00, subject to the availability of lawfully appropriated funds.

Manager: Collier, Bradley W. - Mgr Project Management

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

GM: Vu, Hai X. - Interim GM Water Wastewater Systems

APPROVALS:

Heather Beard 12/10/2020

Chairman, Awards Committee **Date**

Sam A. Vintura 12/15/2020

Budget Representative **Date**



The Haskell Company | tel 904 791-4500
111 Riverside Avenue | fax 904 791-4699
Jacksonville, Florida 32202 | www.thehaskellco.com

Paul McElroy
Project Director - Water

September 9, 2022

Re: Nassau Water Reclamation Facility
96237 Amelia Concourse
Fernandina Beach, FL. 32034
JEA Contract #JEA10238 / 194530
75% Guaranteed Maximum Price

Mr. Samuel Ramirez
JEA
Project Engineer
21 West Church Street
Jacksonville, Florida 32202

Dear Mr. Ramirez,

Haskell is pleased to submit to JEA for your review and comment our firms 75% Guaranteed Maximum Price for the Nassau Water Reclamation Facility. The Scope of Work was developed utilizing Hazen and Sawyer's 75% Design Documents for the WRF Expansion, 100% Design Documents for the WRF Shore Up, and Haskell's Bid Manual consisting of the following documents:

Nassau Water Reclamation Facility Expansion:

1. Hazen & Sawyer Technical Specifications Volume 1 thru 4 dated May 2022 issued on May 13, 2022
2. Hazen & Sawyer Technical Drawings Volume 1 thru 2 dated May 2022 issued on May 13, 2022
3. Meskel & Associates Final Geotechnical Report dated February 25, 2022
4. Meskel & Associates Groundwater Sampling and Analysis dated January 27, 2022
5. NDN Companies Preliminary Wetlands Survey dated January 12, 2022

Nassau Water Reclamation Facility Shore Up:

1. Hazen & Sawyer Technical Specifications June 2022 issued on June 9, 2022
2. Hazen & Sawyer Technical Drawings June 2022 issued on June 9, 2022

Haskell Bid Manual:

1. Haskell Final Work Package Bid Manual dated June 10, 2022
2. Haskell Amendment #1 dated May 10, 2022
3. Haskell Amendment #2 dated May 27, 2022
4. Haskell Amendment #3 dated July 8, 2022

Haskell's 75% Guaranteed Maximum Price includes the following attachments:

1. Project Summary broken down by Bid Package.
2. Recap Report by Bid Package.
3. Detailed Report by Bid Package.
4. Clarifications and Assumptions.
5. Scope Sheets for every Bid Package.
6. Detailed Estimates for Haskell's Self-Perform Bid Packages.
7. Process Equipment selected for the 75% GMP.
8. Risk Register
9. Construction Schedule

Mr. Samuel Ramirez
JEA - Project Engineer

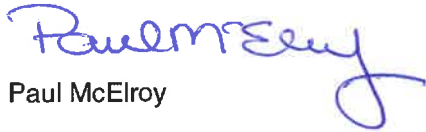
September 9, 2022

Haskell's 75% Guaranteed Maximum Price summary is as follows:

1. Total Cost of Work - \$51,752,972.00
2. Owner Allowances - \$16,792,820.00
3. Total Owner Contingency - \$4,426,370.00
4. Total CMAR Contingency - \$3,136,960.00
5. Total Indirect Costs (Bond / Insurance / Builders Risk / Fee) - \$9,189,836.00
6. Total Final Works Package GMP - \$85,235,958.00

Haskell is thankful for this opportunity and is available at JEA's convenience to answer any questions they may have concerning this milestone estimate.

Sincerely,



Paul McElroy



The Haskell Company
111 Riverside Avenue
Jacksonville, Florida 32202

tel 904 791-4500
fax 904 791-4699
www.thehaskellco.com

Paul McElroy
Project Director - Water

January 26, 2023

Nassau Water Reclamation Facility
96237 Amelia Concourse
Fernandina Beach, FL. 32034
JEA Contract #JEA10238 / 194530
100% IFC Partial Proposal

Mr. Peter Doherty
JEA
Senior Manager, W/WW Project Management
21 West Church Street
Jacksonville, Florida 32202

Dear Mr. Doherty,

Haskell is pleased to submit to JEA for your review and comment our firm's proposal for competitively bidding the FWP 09 90 Painting and Industrial Coatings, FWP 09 96 61 Elastomeric MIC Coatings (Sprayroq), FWP 09 96 62 Elastomeric MIC Coatings (Spectrashield / Green Monster), FWP Electrical, and FWP 40 61 Instrumentation and Control Systems for the Nassau Water Reclamation Facility. The Scope of Work was developed utilizing Hazen and Sawyer's 100% Issued for Construction Design Documents for the WRF Expansion and Haskell's Bid Manual consisting of the following documents:

Nassau Water Reclamation Facility Expansion:

1. Hazen & Sawyer Technical Specifications Volume 1 thru 4 dated September 2022 issued on October 4, 2022
2. Hazen & Sawyer Technical Drawings Volume 1 thru 2 dated September 2022 issued on October 4, 2022
3. Meskel & Associates Final Geotechnical Report dated February 25, 2022
4. Meskel & Associates Groundwater Sampling and Analysis dated January 27, 2022
5. NDN Companies Preliminary Wetlands Survey dated January 12, 2022

Nassau Water Reclamation Facility Shore Up:

1. Hazen & Sawyer Technical Specifications June 2022 issued on June 9, 2022
2. Hazen & Sawyer Technical Drawings June 2022 issued on June 9, 2022

Haskell Bid Manual:

1. Haskell Bid Manual dated November 18, 2022
2. Haskell Amendment #1 dated December 15, 2022
3. Haskell Amendment #2 dated December 21, 2022

Haskell's 75% Guaranteed Maximum Price includes the following attachments:

1. Project Summary broken down by Bid Package.
2. Clarifications and Assumptions.
3. Scope Sheets for every Bid Package.
4. Risk Register

Mr. Peter Doherty
JEA - Senior Manager

January 26, 2023

Haskell's 100% IFC Partial Proposal summary:

1. Total Cost of Work - \$5,534,060.00
2. Total Indirect Costs (Bond / Insurance / Builders Risk / Fee) - \$724,041.00
3. Total IFC Partial Proposal - \$6,258,101.00

Haskell's Recommendations:

1. Award FWP 09 90 Painting and Industrial Coatings to Percopo Coatings Company, LLC.
2. Award FWP 09 96 62 Elastomeric MIC Coatings to Concrete Conservation, Inc.
3. Award FWP 26 Electrical to Cogburn Brothers Electric.
4. Award FWP 40 61 Process Instrumentation & Control Systems to Tesco.
5. Accept Value Engineering #1 deleting reinforcing steel from electrical duct banks under non-structural areas.
6. Accept Value Engineering #2 deleting specialty coatings in Oxidation Ditches No, 1 and 2.
7. Accept Value Engineering #3 substituting the epoxy flooring in the Operations Building with Shark Coatings.
8. Reject Additive Alternate #1 adding an architectural paint finish to the exterior walls of cast in place concrete structures.
9. Reject Additive Alternate #2 adding specialty coatings from 3 ft below the low water table to the slab in Oxidation Ditches No, 1 and 2.

Haskell is thankful for this opportunity and is available at JEA's convenience to answer any questions they may have concerning this partial proposal.

Sincerely,



Paul McElroy

**Nassau Regional WRF Expansion Project
96237 Amelia Concourse
Fernandina Beach, Florida 32034**

Client: JEA
Client Job No. 8004271

January 26, 2023

**Partial Proposal for Bid Allowances
100% IFC Design Milestone**

		Allowance	Bid Price	Cost
FWP 02	Landscaping (Risk Register Allowance)	\$100,000.00	TBD	\$0
FWP 02 41	Demolition (Risk Register Allowance)	\$150,000.00	TBD	\$0
FWP 09 90	Painting and Industrial Coatings (Risk Register Allowance)	\$950,000	\$747,188.00	(\$202,812)
FWP 09 96 61	Elastomeric MIC Coatings - Sprayroq (Risk Register Allowance)	\$50,430	\$0.00	(\$50,430)
FWP 09 96 62	Elastomeric MIC Coatings - Spectrashield / Green Monster (Risk Register Allowance)	\$431,100	\$606,546.00	\$175,446
FWP 09 96 63	MBR Concrete / Coatings Repair (Risk Register Allowance)	\$500,000	TBD	\$0
FWP 26	Electrical (Risk Register Allowance)	\$10,000,000	\$14,843,243.00	\$4,843,243
FWP 40 61	Process Instrumentation & Control Systems (Risk Register Allowance)	\$3,000,000	\$3,768,613.00	\$768,613
SUBTOTAL				\$5,534,060
	Payment & Performance Bond (Base)		0.6705%	\$41,961
	Payment & Performance Bond (2 YR Warranty)		0.1193%	\$7,466
	General Liability Insurance		1.20%	\$75,097
	Builders Risk Insurance		0.8953%	\$109,251
	Overhead & Profit		8.50%	\$490,266
INDIRECT SUBTOTAL				\$724,041
SUBTOTAL				\$6,258,101
	Preconstruction Services Contract			\$420,020
	Amendment #1 Early Work and Procurement Package			\$19,899,397
	Amendment #2 Final Work Package			\$85,235,958
TOTAL				\$111,813,476

Item No.	Description	Cost	Indirect	Total
VE #1	Delete reinforcing steel from non structural ductbanks	-\$388,850	-\$46,662	-\$435,512
VE #2	Delete spectrashield from Oxidation Ditch elevated deck	-\$438,875	-\$52,665	-\$491,540
VE #3	Substitute Shark coatings for epoxy flooring	-\$22,553	-\$2,706	-\$25,259
AA #1	Add architectural finish to CIP ext structures	\$160,209	\$19,225	\$179,434
AA #2	Add spectrashield to remaining walls of Oxidation Ditch.	\$763,797	\$91,656	\$855,453

**Nassau Water Reclamation Facility
96237 Amelia Concourse
Fernandina Beach, FL. 32034**

July 29, 2022

January 26, 2023

**100% IFC Partial Proposal
Clarifications and Assumptions**

1. The Construction Manager includes Florida State Sales Tax.
2. The Construction Manager excludes the cost of Davis-Bacon Prevailing Wage Rates.
3. The Construction Manager excludes the cost to implement the American Iron and Steel provision of P.L 113-76, Consolidate Appropriations Act, 2014.
4. The Construction Manager excludes the removal, hauling, disposal, and replacement of unsuitable soils not identified by the Geotechnical Survey.
5. The Construction Manager excludes the removal and replacement of rock not identified by the Geotechnical Survey.
6. The Construction Manager excludes the removal, hauling, disposal, and abatement of any contaminated soils or groundwater.
7. The Construction Manager excludes the removal, hauling, disposal, and abatement hazardous materials and associated abatement.
8. The Construction Manager has included a Risk Register which details additional Allowances, Owner Contingency, and CMAR Contingency for undefined and unanticipated costs in construction of these bid packages.
9. The Construction Manager includes the cost to for the initial fill of 9,500-gallon diesel fuel tank. This fuel will be used for the generator startup, commissioning, and load test.
10. The Construction Manager assumes all dewatering necessary for the construction of this project may be discharged directly onsite, allowed to flow offsite to adjacent wetland property, with no restrictions with respect to the volume discharged. No treatment or filtration of this ground water is necessary, and all ground water is free of contaminants requiring any special considerations.
11. The Construction Manager excludes concrete encasement of electrical, domestic water, domestic sanitary drain, and HVAC piping or conduits under slabs. The construction sequence for the piping and conduits will be: 1) Achieve relative density on sub grade below slab on grade. 2) Install piping and conduits below sub grade. 3) Re-establish relative density of sub grade. 4) Install and stabilize 6" of subbase.
12. The Construction Manager has included the following allowances as part of the Partial Proposal:
 - Florida Power & Light Primary XFR Installation \$ 30,000.00



Formal Bid and Award System

Award #5 February 16, 2023

Type of Award Request: SINGLE SOURCE
Requestor Name: Baldwin, Michael – Electric Systems Engineer
Requestor Phone: 904-773-3138
Project Title: NGS N02 - Grid Floor Nozzle Replacement Project
Project Number: 8008360
Project Location: JEA
Funds: Capital
Business Unit Estimate \$1,405,000.00

Scope of Work:

This project is proposed to replace the N02 grid floor nozzle assemblies.

FW North America Equipment Company, Inc. (OEM) performed an Engineering Study to determine if Sumitomo SHI-FW latest standard “four arm” grid nozzle could be installed to lower the current minimum Primary Air flow setpoint, thereby allowing a reduction of the minimum load on the boiler below the current 50% boiler load limitation. JEA’s target is <=45% boiler load. Engineering Study determined the “four arm” (Option 2) would achieve JEA’s desired results.

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

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
FW NORTH AMERICA EQUIPMENT COMPANY, INC.	Patrick Gargone	Patrick.gargone@shi-g.com	53 Frontage Road, PO Box 9000, Hampton, NJ, 08827-9000	908-391-6333	\$1,405,000.00

Amount for entire term of Contract/PO: \$1,405,000.00
Award Amount for remainder of this FY: \$1,405,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 02/20/2023
End Date (mm/dd/yyyy): Project Completion (12/30/2023 - overall project completion)
JSEB Requirement: N/A

Background/Recommendations:

The Grid floor nozzles have reached end of life and require replacement. There is currently widespread damage that can lead to combustor fluidization problems, hot spots, agglomerations, and emissions increases. Any emissions permit violation carries significant fines.

Pursuant to section 3 – 112 of the JEA Purchasing Code - A Contract may be awarded for Supplies or Services as a Single Source when, pursuant to the Operational Procedures, the Chief Procurement Officer determines that:

(b) the Supplies or Services must be a certain type, brand, make or manufacturer due to the criticality of the item or compatibility within a JEA utility system, and such Supplies or Services may not be obtained from multiple sources such as distributors;

The use of the OEM for Fabrication & Installation reduces operational risk, outage duration and potential for defects in allowing non-OEM fabricated equipment.

This award is for the purchase of the equipment only, which will be delivered in FY23. The actual equipment installation will take place in Q1, FY24 during the fall outage.

When considering the potential impact to the plant from emissions issues and other operational risks, the price is considered reasonable.

Request approval to award a contract to FW North America Equipment Company, Inc. for Unit 2 Furnace Grid nozzles for JEA in the amount of \$1,405,000.00, subject to the availability of lawfully appropriated funds.

Manager: Akrayi, Jamila R. – Mgr. Project Management
Sr. Director: Acs, Gabor. – Sr. Dir. Engineering & Projects
VP: Melendez, Pedro A. - VP Planning Engineering & Construction

APPROVALS:

Stephen Datz 2/16/2023

Chairman, Awards Committee **Date**

Stephanie Nealy 2/16/2023

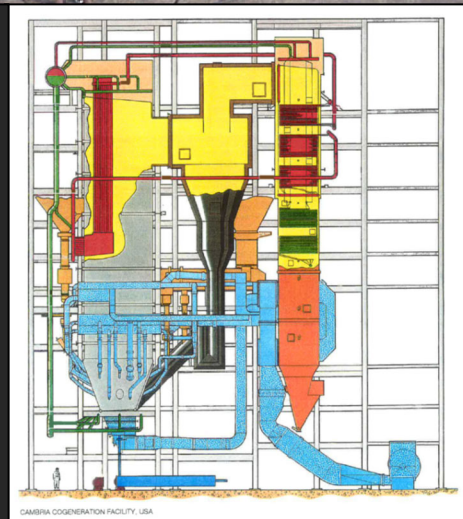
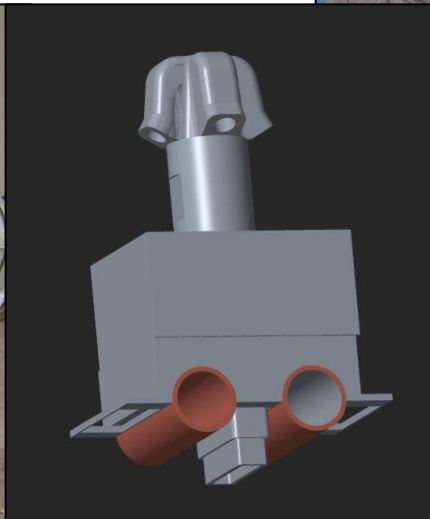
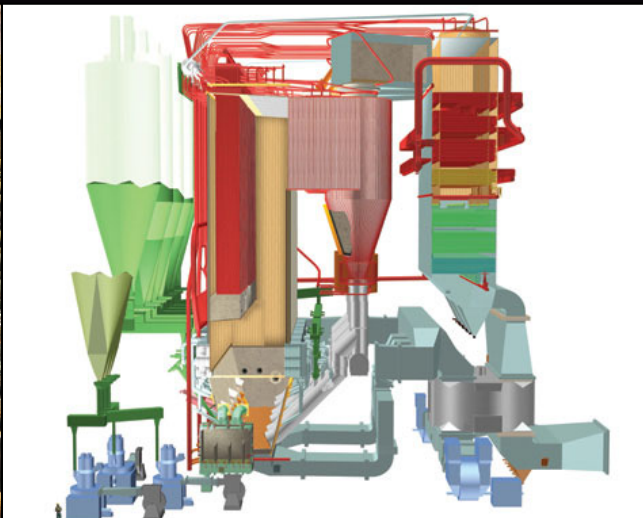
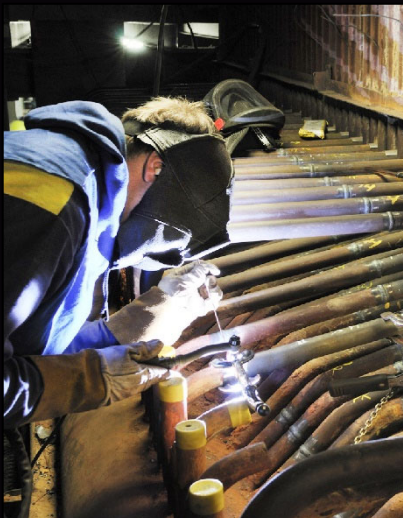
Budget Representative **Date**

Proposal to:

Jacksonville Electric Authority

For:

Furnace Grid Nozzle Replacement for the Northside CFB Boilers



Date:

February 2, 2023

Proposal No:

2021-030-BM Rev 2

Project:

Jacksonville Electric Authority – Northside CFB Boilers

Subject:

Furnace Grid Nozzle Replacement for the Northside CFB Boilers

Author:

Patrick Gargone (SFW Services, Americas)

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1. PROPOSAL INTENT

This proposal is provided at the request of Jacksonville Electric Authority, Florida. It lays out the scope and cost of to supply various grid nozzle equipment designs & configurations for the Northside boilers with the below purposes:

- Utilizing SFW's four-port shamrock grid nozzle to reduce the number of grid nozzles, thereby saving maintenance costs in future outages. Note this four-port shamrock nozzle incorporates the same flow contour as the four arm
- Utilizing SFW's four-arm mechanical grid nozzle design to replace the same number of existing arrowhead nozzles.
- Utilizing SFW's arrowhead nozzles to replace the same nozzles currently installed.

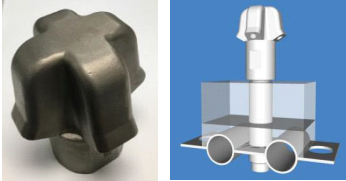


All three options will utilize a common standpipe and sleeve which penetrates the existing grid and replacement refractory. The standpipe and sleeve design will allow future change out of the grid nozzles without having to remove the grid refractory.

2. SCOPE OF WORK

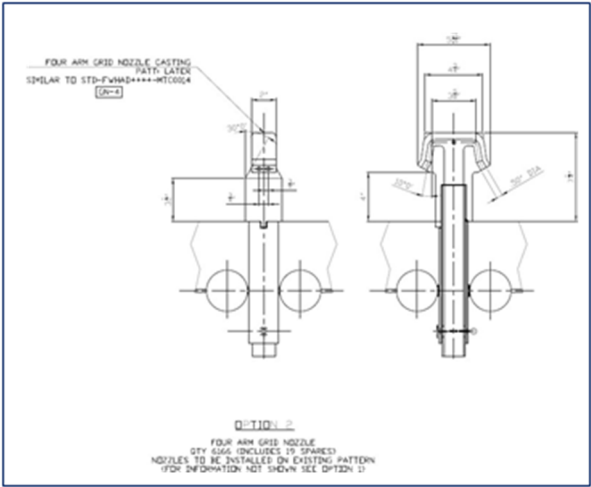
The scope of the work proposed, herein, includes the following tasks:

1. Supply grid nozzles and stand pipes for all three options. For Option 1 SFW will additionally supply 1" pipe caps to cover the existing standpipes that will not be utilized.
2. Generate drawings for manufacturing and installation based on selected option.
3. Delivery to the job site crated selected materials.

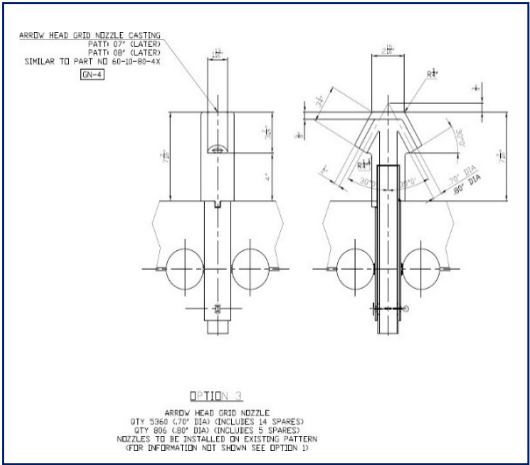
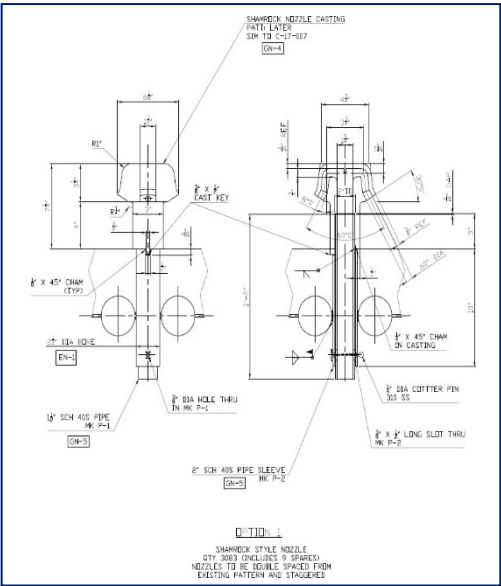
Below are the three options for the grid nozzles showing quantity, nozzle key dimensions and expected boiler minimum load for each option.

Option 1	Option 2	Option 3
Replace existing arrowhead nozzles with shamrock nozzles. 	Replace existing nozzles with four-arm design nozzles. 	Replace existing nozzles with standard arrowhead nozzles. 
The 6166 existing nozzles will be replaced with 3083 nozzles.	The 6166 existing nozzles will be replaced with 6166 nozzles.	The 6166 existing nozzles will be replaced with 6166 nozzles.
Nozzles will be doubled spaced and arranged on a staggered pattern.	Current nozzle spacing will be retained.	Current nozzle spacing will be retained.
Each nozzle will be comprised of a nozzle head welded to a nozzle stem.	Each nozzle will be comprised of a nozzle head welded to a nozzle stem.	Each nozzle will be comprised of a nozzle head welded to a nozzle stem.
Nozzles will be installed through a provided sleeve for ease of replacement. Nozzles are installed by dropping the nozzle stem through the sleeve and fastening the stem to the sleeve, in the windbox, with a cotter pin.	Nozzles will be installed through a provided sleeve for ease of replacement. Nozzles are installed by dropping the nozzle stem through the sleeve and fastening the stem to the sleeve, in the windbox, with a cotter pin.	Nozzles will be installed through a provided sleeve for ease of replacement. Nozzles are installed by dropping the nozzle stem through the sleeve and fastening the stem to the sleeve, in the windbox, with a cotter pin.
Nozzle Size: Hole Diameter = 0.6 in, Stem ID/OD = 1.610/1.900 in, Sleeve ID/OD = 2.067/2.375 in	Nozzle Size: Hole Diameter = 0.5 in, Stem ID/OD = 1.610/1.900 in, Sleeve ID/OD = 2.067/2.375 in	Nozzle Size: Hole Diameter = 0.7 & 0.8 in, Stem ID/OD = 1.610/1.900 in, Sleeve ID/OD = 2.067/2.375 in
Boiler Turndown = 45% MCR Minimum Grid Air Flow = 750 klb/hr	Boiler Turndown = 45% MCR Minimum Grid Air Flow = 750 klb/hr	Boiler Turndown = 55% MCR Minimum Grid Air Flow = 950 klb/hr

1.



2.



3

3. PRICING

The price for the proposed material supply is as follows:

Option	Price Deliverd DAP Jacksonville FL
Option 1 - Four-port shamrock grid nozzle	\$808,000.00
Option 2 -Four-arm mechanical grid nozzle	\$1,405,000.00
Option 3 - Arrowhead nozzles	\$1,581,000.00

SFW's proposed payment terms are;

20% Down Payment

40% Materials Ready to Ship

40% Delivery to Site

4. SCHEDULE

It is anticipated that the generation of manufacturing drawings, approval of drawings, manufacturing, Ocean Freight time, de-vanning and delivery to the job can be completed within:

Option	Total Schedule
Option 1	6 Months from Purchase Order
Option 2 & Option 3	7 Months from Purchase Order

5. TERMS AND CONDITIONS

This proposal is based on Sumitomo SHI FW Energy North America Terms and Conditions for Goods and Services as outlined in Attachment A. Please refer to these Terms and Conditions in any Purchase Order.

6. PURCHASE ORDERS

Purchase orders should be addressed to FW North America Equipment Company Inc., Attn: Patrick Gargone (patrick.gargone@shi-g.com).

Please feel free to call me if you have any questions.

Regards,

Patrick Gargone
Design Manger Services Americas, Sumitomo SHI FW
Cell: 908-391-6333

cc: M. Phegley, T. Khan

ATTACHMENT A

**SUMITOMO SHI FW ENERGY NORTH AMERICA TERMS AND CONDITIONS FOR
GOODS AND SERVICES**

Certification of Single Source or Emergency Procurement

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

3-112 Single Source

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

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

3-113 Emergency Procurements

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

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

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

Please provide the following information:

1. Vendor Name:

Sumitomo SHI-FW

2. Description of Services or Supplies provided by Vendor:

Sumitomo to provide approximately 6,166 nozzles for the NGS N02 CFB grid floor; nozzles are critical to proper CFB fluidization and operation. Sumitomo SHI-FW is the Original Equipment Manufacturer and, as such, has intimate knowledge of the CFB design, operating parameters, and operating history. Sumitomo developed their proprietary nozzle designs to optimize CFB function.

3. **Certification:**

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

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

☒ **Single Source Procurement.** Please state which subsection of Section 3-112 above applies to this Single Source Procurement: 3-112(b)

OR

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



Signature of JEA Business Unit Manager

2/6/13

Date

David Biruk

Name of JEA Business Unit Manager

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



Formal Bid and Award System

Award #6 February 16, 2023

Type of Award Request: REQUEST FOR PROPOSAL (RFP)
Requestor Name: Ramirez, Samuel T.
Requestor Phone: (904) 306-6000
Project Title: Construction Services for the Baymeadows Pump Station Project
Index Number: 180-53
Project Location: JEA
Funds: Capital
Business Unit Estimate: \$2,008,700.00

Scope of Work:

This project includes construction of a new wastewater pump station adjacent to the existing station to provide increased flow capacity and reliability. The new station will replace the existing one. The construction will neither result in a disruption of, nor interfere with, the functional workings of any existing utilities.

JEA IFB/RFP/State/City/GSA#: 1410870046
Purchasing Agent: Kruck, Dan
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
FERREIRA CONSTRUCTION SOUTHERN DIVISION	Nicholas Payne	npayne@ferreira construction.com	11459 Phillips Hwy, Jacksonville, FL 32258	(904) 404- 6085	\$4,549,317.00

Amount for entire term of Contract/PO: \$4,549,317.00
Award Amount for remainder of this FY: \$634,832.02
Length of Contract/PO Term: Project Completion
Begin Date: 03/02/2023
End Date: Project Completion (Expected: September 2024)
JSEB Requirement: Ten Percent (10%) Requirement
Comments on JSEB Requirements:
 RZ Services Group (Labor and Materials) - \$454,931.71

PROPOSERS:

Name	Proposal Amount	Price Score	Schedule Length	Schedule Score	Total Score
FERREIRA CONSTRUCTION SOUTHERN DIVISION	\$4,549,317.00	74.96	461	20	94.96
UNITED BROTHERS DEVELOPMENT CORP.	\$4,262,550.98	80	N/A	0	80
SAWCROSS, INC.	\$5,765,000.00	59.2	540	17.07	76.2

Background/Recommendations:

Advertised on 11/18/2022. Six (6) prime contractors attended the mandatory pre-proposal meeting held on 11/29/2022. At Bid opening on 12/20/2022, JEA received three (3) Proposals. The low-cost Proposer chose not to submit an estimated schedule length resulting in a score of zero for that evaluation section. Ferreira Construction Southern Division is the highest evaluated responsive and responsible Proposer. A copy of the Proposal Form and Workbook are attached for reference. This solicitation was advertised as an evaluated RFP to evaluate contractors on a projected schedule, in addition to price. Project schedules have been delayed recently due to a variety of reasons, and JEA wanted contractor input into a schedule based on current market conditions.

The award amount of \$4,549,317.00 is approximately 126% higher than the business unit estimate due primarily to the polymer wet well cost, bypass pumping and other material price increases. After proposals were received, JEA staff reviewed the proposed costs both against each other, and with other bids recently received and deemed them reasonable.

1410403646– Request approval to award a contract to Ferreira Construction Southern Division for construction services for the Baymeadows Pump Station project in the amount of \$4,549,317.00, subject to the availability of lawfully appropriated funds.

Senior Manager: Doherty, Peter F. – Senior Manager Project Management
Director: Conner, Sean M – Dir. W/WW Project Engineering & Construction
VP: Melendez, Pedro A. – VP Planning Engineering & Construction

APPROVALS:

Stephen Datz 2/16/2023

Chairman, Awards Committee **Date**

Stephanie Nealy 2/16/2023

Budget Representative **Date**

1410870046 APPENDIX B - PROPOSAL FORM
Construction Services for the Baymeadows Pump Station Project

COMPANY INFORMATION:

COMPANY NAME: Ferreira Construction Southern Division

BUSINESS ADDRESS: 11459 Phillips Hwy.

CITY, STATE, ZIP CODE: Jacksonville, FL 32258

TELEPHONE: 904-404-6085

EMAIL OF CONTACT: npayne@ferreiraconstruction.com

LICENSE NUMBER: CGC1509418, EC13006679

Total evaluated Bid Price

Description	Total Evaluated Bid Price
Total Proposal Price (enter total from cell G75 in the Proposal Workbook)	\$ 4,549,317.10

Upload 1 electronic signed copy of this Proposal your Proposal Submission

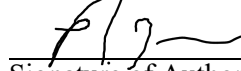
☒ **I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public “as-is”.**

Company's Certification

By submitting this Proposal, the Proposer certifies that it has read and reviewed all of the documents pertaining to this RFP and agrees to abide by the terms and conditions set forth therein, that the person signing below is an authorized representative of the company, that the company is legally authorized to do business in the State of Florida, and that the company maintains in active status an appropriate license for the work. The company certifies that its recent, current, and projected workload will not interfere with the company's ability to Work in a professional, diligent and timely manner.

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

We have received addenda 1 through 1


Signature of Authorize Officer of Company or Agent

Nicholas Payne - Division Manager
Printed Name & Title

12/20/2022
Date

904-404-6085
Phone Number

1410870046 Appendix B - Proposal Workbook
Construction Services for the Baymeadows Pump Station Project
(Only complete the Prices in Yellow Cells)

Company: **FERREIRA CONSTRUCTION**

PART I - SEWER MAIN CONSTRUCTION

Item	Spec. No.	Description	Est. Qty.	Unit	Unit Price	Est. Cost
1	801.3.1.1, 801.3.3, S.C. 1	Abandon Existing Pump Station	1	LS	\$ 29,248.00	\$ 29,248.00
2	801.3.1.1, S.C. 1	Abandon Existing Manhole	1	EA	\$ 11,569.00	\$ 11,569.00
3	801.3.2.3, S.C. 2 & 7	Abandon 8" AC FM (Grout Fill)	100	LF	\$ 122.00	\$ 12,200.00
4	801.3.2.3	Abandon 12" Sanitary Sewer (Grout Fill)	100	LF	\$ 107.00	\$ 10,700.00
5	S.C. 3	Existing Tree Removal and Replacement w/n R/W	1	LS	\$ 49,069.00	\$ 49,069.00
6	801.14.1, S.C. 4 & 7	Type A Manhole (5' Polymer) - 18'-20' Deep	1	EA	\$ 83,732.00	\$ 83,732.00
7	801.14.1, S.C. 4 & 7	Type A Manhole (5' Polymer) - 20'-22' Deep	2	EA	\$ 66,296.00	\$ 132,592.00
8	801.14.1, S.C. 4 & 7	Type D Manhole (5' Polymer) - 20'-22' Deep	1	EA	\$ 89,020.00	\$ 89,020.00
9	801.15.1, S.C. 4 & 7	12" PVC DR 18 Gravity Sewer - 12'-14' Deep	40	LF	\$ 469.00	\$ 18,760.00
10	801.15.1, S.C. 4 & 7	16" PVC DR 18 Gravity Sewer - 18'-20' Deep	40	LF	\$ 857.00	\$ 34,280.00
11	801.15.1, S.C. 4 & 7	16" PVC DR 18 Gravity Sewer - 20'-22' Deep	210	LF	\$ 498.00	\$ 104,580.00
12	801.16.1, S.C. 4 & 7	10" PVC DR 18 Force Main	340	LF	\$ 160.00	\$ 54,400.00
13	801.16.3	8"x10" DI Reducer	1	EA	\$ 2,466.00	\$ 2,466.00
14	801.16.3	10" DI 11.25 Degree Bend	1	EA	\$ 2,597.00	\$ 2,597.00
15	801.16.3	10" DI 45 Degree Bend	10	EA	\$ 1,940.00	\$ 19,400.00
16	801.16.3	8" DI Plugged Dead End	1	EA	\$ 1,152.00	\$ 1,152.00
17	801.16.3	10" DI Plugged Dead End	1	EA	\$ 1,237.00	\$ 1,237.00
18	801.16.3	10"x10"x10" DI Tee	1	EA	\$ 2,805.00	\$ 2,805.00
19	801.16.7	10" Pipe Bell Restraints	20	EA	\$ 584.00	\$ 11,680.00
20	801.17.1	10" Gate Valve	1	EA	\$ 4,643.00	\$ 4,643.00
21	801.14.4, S.C. 4 & 7	Connect MH to Existing Sanitary Sewer	1	EA	\$ 22,095.00	\$ 22,095.00
22	801.14.4, S.C. 7	Connect to Existing MH	1	EA	\$ 17,571.00	\$ 17,571.00
23	801.17.2, S.C. 7	Connection to Existing Force Mains: 8"x8" Tapping Sleeve & Valve	1	EA	\$ 7,911.00	\$ 7,911.00
24	801.17.3, S.C. 7	Connection to Existing Force Mains: 8" Insert A Valve	1	EA	\$ 25,136.00	\$ 25,136.00
25	801.17.3, S.C. 7	Connection to Existing Force Main: 8"x8"x8" Tee, MJ w/ Cut-in Sleeve, MJ	1	EA	\$ 5,700.00	\$ 5,700.00
26	801.17.3, S.C. 7	8" Line Stop	2	EA	\$ 18,842.00	\$ 37,684.00
27	801.17.4, S.C. 7	2" Air Release Valve Assembly (w/Lined Manhole)	1	EA	\$ 25,574.00	\$ 25,574.00
28	801.18 / S.C. 4,6 & 7	Class II Pump Station (Polymer Wetwell)	1	LS	\$ 2,154,222.00	\$ 2,154,222.00
29	S.C. 9	MH B Temporary Bypass Pumping System	1	LS	\$ 144,080.00	\$ 144,080.00
30	S.C. 9	MH F Temporary Bypass Pumping System	1	LS	\$ 144,080.00	\$ 144,080.00
31	S.C. 9	MH G Temporary Bypass Pumping System	1	LS	\$ 144,080.00	\$ 144,080.00
Part I - Sewer Subtotal:						\$ 3,404,263.00

PART II - WATER MAIN CONSTRUCTION

Item	Spec. No.	Description	Est. Qty.	Unit	Unit Price	Est. Cost
1	801.3.2.3, S.C. 2	Abandon 12" AC WM (Grout Fill)	40	LF	\$ 125.00	\$ 5,000.00
2	801.3.2.4, S.C. 5	Remove 12" AC WM	40	LF	\$ 587.00	\$ 23,480.00
3	801.12.1, S.C. 4 & 7	12" PVC DR 18 Water Main	200	LF	\$ 212.00	\$ 42,400.00
4	801.12.2	12" 45 Degree Bend	5	EA	\$ 1,694.00	\$ 8,470.00
5	801.12.2	12"x12"x12" DI Tee	1	EA	\$ 2,497.00	\$ 2,497.00
6	801.12.2	12"x10" DI Reducer	1	EA	\$ 1,492.00	\$ 1,492.00
7	801.12.2	12" DI Plugged Dead End	2	EA	\$ 1,218.00	\$ 2,436.00
8	801.12.6	10" Pipe Bell Restraints	4	EA	\$ 743.00	\$ 2,972.00
9	801.12.6	12" Pipe Bell Restraints	10	EA	\$ 604.00	\$ 6,040.00
10	801.12.13	Temporary Sample Tap	1	EA	\$ 3,181.00	\$ 3,181.00
11	801.13.3	12" Gate Valve	1	EA	\$ 4,643.00	\$ 4,643.00
12	801.13.4, S.C. 7	12" x 12" Tapping Sleeve & Valve w/ 12" DI Spool	1	EA	\$ 15,349.00	\$ 15,349.00
13	801.13.4, S.C. 7	12" x 10" Tapping Sleeve & Valve w/ 10" DI Spool	1	EA	\$ 9,790.00	\$ 9,790.00
14	801.13.7, S.C. 7	12" Line Stop	2	EA	\$ 17,350.00	\$ 34,700.00
Part II - Water Subtotal:						\$ 162,450.00

PART III - PAVING & DRAINAGE CONSTRUCTION

Item	Spec. No.	Description	Est. Qty.	Unit	Unit Price	Est. Cost
1	801.8.3	Pavement Removal	300	SY	\$ 21.27	\$ 6,381.00
2	801.8.4, S.C. 4	Case X Pavement Repair	300	SY	\$ 60.57	\$ 18,171.00
3	801.8.8, S.C. 8	1" Mill and Overlay	1400	SY	\$ 30.77	\$ 43,078.00
4	801.9.1	4" Thick Concrete Sidewalk Removal	100	SY	\$ 39.00	\$ 3,900.00
5	801.9.3	Removal of Curb and Gutter	460	LF	\$ 21.20	\$ 9,752.00
6	801.9.4, S.C. 4	4" Thick Concrete Sidewalk Replacement	100	SY	\$ 137.25	\$ 13,725.00
7	801.9.6, S.C. 4	Curb and Gutter	460	LF	\$ 16.00	\$ 7,360.00
8	801.7	Sodding	150	SY	\$ 37.00	\$ 5,550.00

Part III - Paving and Drainage Subtotal: \$ 107,917.00

Subtotal: \$ 3,674,630.00

Allowances (Permitting, Testing, etc.) \$ 20,000.00

Baymeadows Circle West Landscaping Upgrade Allowance \$ 30,000.00

JEA Supplemental Work Authorization (SWA) \$ 200,000.00

Mobilization/Demobilization Percentage (5% max of Subtotal, enter percentage): 5% \$ 183,731.50

Bonds/Insurance Percentage (3% max of Subtotal, enter percentage): 3% \$ 110,238.90

General Conditions Percentage (10% max of Subtotal, enter percentage): 9% \$ 330,716.70

Total Proposal Price (transfer total to Appendix B - Proposal Form) \$ 4,549,317.10

JSEB Requirement Overview

Total Proposal Price less General Conditions, SWAs and Allowances: \$3,674,630.00

JSEB Requirement (%): 10%

JSEB Requirement (dollars): \$367,463.00



Formal Bid and Award System

Award #7 February 16, 2023

Type of Award Request: CONTRACT INCREASE**Requestor Name:** Ramirez, Samuel T.**Requestor Phone:** (904) 306-6000**Project Title:** Engineering Services for the Southwest Water Reclamation Facility (WRF) Expansion**Project Number:** 8005555**Project Location:** JEA**Funds:** Capital**Business Unit Estimate:** \$3,200,000.00**Scope of Work:**

The scope of work to be performed under this contract consists of preliminary design, final detailed design, support, services during construction, and acceptance testing for the Southwest WRF Expansion to 16 million gallons per day (MGD) project. This project is needed to meet wastewater flow demands in the Southwest services territory. This project is being constructed using Construction Manager-at-Risk (CMAR) method.

JEA IFB/RFP/State/City/GSA#: 105-18**Purchasing Agent:** Kruck, Daniel R.**Is this a Ratification?:** NO**RECOMMENDED AWARDEE(S):**

Name	Contact Name	Email	Address	Phone	Amount
CDM SMITH INC.	Shayne Wood	woodsh@cdmsmith.com	8381 Dix Ellis Trail Suite 400, Jacksonville FL 32256	(904) 527-6736	\$3,168,034.00

Amount of Original Award: \$732,210.00**Date of Original Award:** 03/14/2019**Contract Increase Amount:** \$3,168,034.00**List of Previous Change Order/Amendments:**

CPA #	Amount	Date	Reason
181004	\$7,589,600.00	12/19/2019	Design services to 100%, final permitting and services during construction
181004	\$223,009.00	08/26/2020	Additional design services based on changes requested by JEA
181004	\$415,628.00	05/13/2021	Added engineer's estimates for construction costs to scope of work for cost comparison
181004	\$1,152,507.00	06/02/2022	Additional services during construction (project management and inspection services)

New Not-To-Exceed Amount: \$13,280,988.00**Length of Contract/PO Term:** Project Completion

Begin Date: 03/28/2019
End Date: Project Completion (Expected: August 2025)
JSEB Requirement: Ten Percent (10%) Evaluation Criteria

Comments on JSEB Requirements:

Original Award

R.E. Holland (Survey) – 14.78%

Environmental Resource Solutions, Inc. (Wetlands Delineation) – 0.57%

Total: 15.35%

1st Contract Amendment

R.E. Holland (Survey/SUE) – 0.65%

This Amendment

N/A

Background/Recommendations:

Originally approved by the Awards Committee on 03/14/2019 in the amount of \$732,210.00 to CDM Smith, Inc. On 12/19/2019, the Awards Committee approved \$7,589,600.00 for final design services. Administrative increases were approved on 08/26/2020 in the amount of \$223,009.00 and on 05/13/2021 in the amount of \$415,628.00 for JEA-directed scope changes. On 06/02/2022, the Awards Committee approved a \$1,152,207.00 increase for additional services during construction. A copy of the previous awards is attached for reference.

This contract increase request is for two separate scopes of work. The first scope is for additional post-design engineering services and additional services during construction for a cost of \$2,881,058.00. This includes an increase to labor hours for plant startup activities, additional meetings, shop drawing reviews and requests for information (RFIs). This request also includes additional resident project representative (RPR) hours to align with the risk register substantial completion date of September 2025. These hours are not guaranteed and will only be used if the schedule is extended to this alternate date. Also included in this increase amount is a \$700,000.00 supplemental work allowance (SWA) for any additional services that JEA requests. These SWA funds will only be used at the direction of JEA staff. This amendment will ensure that appropriate project/quality management and inspector services are available throughout the construction period.

The second scope of work in this request is a \$286,976.00 increase for additional project management services through the end of construction. These services will provide a manager to oversee the construction manager in lieu of JEA staff. JEA is requesting these services due to staffing shortages at JEA. The work will include reviewing and coordinating contractor schedules, coordinate construction pay applications, coordinate weekly and monthly meetings and additional project management as directed by JEA.

JEA has reviewed both scopes of work and deemed them reasonable. The overall services during construction cost is approximately 3.5% of the construction cost and is considered reasonable when compared to other projects. Copies of the scope and fee letters are attached for reference.

Request approval to award a contract increase to CDM Smith Inc. for additional engineering services during construction and project management for the Southwest WRF Expansion project in the amount of \$3,168,034.00, for a new not-to-exceed amount of \$13,280,988.00, subject to the availability of lawfully appropriated funds.

Senior Manager: Doherty, Peter F. – Senior Project Manager

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

VP: Melendez, Pedro A. – VP Planning Engineering & Construction

APPROVALS:

<u>Stephen Datz</u>	<u>2/16/2023</u>
Chairman, Awards Committee	Date
<u>Stephanie Nealy</u>	<u>2/16/2023</u>
Budget Representative	Date



Formal Bid and Award System

Award #2 June 2, 2022

Type of Award Request: CONTRACT INCREASE

Requestor Name: May, Andrew R. - Consulting Engineer

Requestor Phone: (904) 759-8035

Project Title: Engineering Services for the Southwest Water Reclamation Facility (WRF) Expansion

Project Number: 8005555

Project Location: JEA

Funds: Capital

Budget Estimate: \$1,200,000.00

Scope of Work:

The scope of work to be performed under this contract consists of preliminary design, final detailed design, support, services during construction, and acceptance testing for the Southwest WRF Expansion to 16 million gallons per day (MGD) project. This project is needed to meet wastewater flow demands in the Southwest services territory. This project is being constructed using Construction Manager-at-Risk (CMAR) method.

JEA IFB/RFP/State/City/GSA#: 105-18

Purchasing Agent: Kruck, Daniel R.

Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
CDM SMITH INC.	Patrick Victor	victorpr@cdmsmith.com	8381 Dix Ellis Trail Suite 400, Jacksonville FL 32256	(904) 527-6736	\$1,152,507.00

Amount of Original Award: \$732,210.00

Date of Original Award: 03/14/2019

Contract Increase Amount: \$1,152,507.00

List of Previous Change Order/Amendments:

CPA #	Amount	Date	Reason
181004	\$7,589,600.00	12/19/2019	Design services to 100%, final permitting and services during construction
181004	\$223,009.00	08/26/2020	Additional design services based on changes requested by JEA
181004	\$415,628.00	05/13/2021	Added engineer's estimates for construction costs to scope of work for cost comparison

New Not-To-Exceed Amount: \$10,112,954.00

Length of Contract/PO Term: Project Completion

Begin Date: 03/28/2019

End Date: Project Completion (Expected: August 2025)

JSEB Requirement: Ten Percent (10%) Evaluation Criteria

Comments on JSEB Requirements:

Original Award

R.E. Holland (Survey) – 14.78%

Environmental Resource Solutions, Inc. (Wetlands Delineation) – 0.57%

Total: 15.35%

1st Contract Amendment

R.E. Holland (Survey/SUE) – 0.65%

2nd Contract Amendment

N/A

3rd Contract Amendment

N/A

This Amendment

N/A

Background/Recommendations:

Originally approved by the Awards Committee on 03/14/2019 in the amount of \$732,210.00 to CDM Smith, Inc. On 12/19/2019, the Awards Committee approved a \$7,589,600.00 for final design services. Administrative increases were approved on 08/26/2020 in the amount of \$223,009.00 and 05/13/2021 in the amount of \$415,628.00 for JEA directed scope changes. A copy of the previous awards are attached as for reference.

Negotiations with CDM Smith, Inc. were successfully completed for additional services during construction for the Southwest WRF expansion project. The construction schedule has been extended by 53 weeks from what was originally estimated. This amendment will ensure that appropriate project/quality management and inspector services are available throughout the construction period. As part of the final design amendment approved on 12/19/2019, JEA included a \$250,000.00 supplemental work allowance (SWA) into the contract to be used for JEA directed scope changes. This amendment includes \$113,247.00 to bring the SWA back to the original amount for any changes that are needed during construction. The hourly rates for this amendment were increased by the consumer price index (CPI), as allowed by the contract. A copy of the scope and fee letter is attached for reference.

Request approval to award a contract increase to CDM Smith Inc., for additional services during construction for the Southwest WRF Expansion project in the amount of \$1,152,507.00, for a new not-to-exceed amount of \$10,112,954.00, subject to the availability of lawfully appropriated funds.

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

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

APPROVALS:

 6-02-22

Chairman, Awards Committee

Date



6/2/22

Budget Representative

Date



Formal Bid and Award System

Award #5 March 14, 2019

Type of Award Request: PROPOSAL (RFP)

Request #: 6241

Requestor Name: Hawk, Thomas C.

Requestor Phone: (904) 665-6493

Project Title: Engineering Services for the Southwest Water Reclamation Facility Expansion

Project Number: 8005555

Project Location: JEA

Funds: Capital

Budget Estimate: \$5,647,000.00 (Phase 1 and Phase 2 Engineering Budget)

Scope of Work:

The scope of work to be performed under this task consists of preliminary design, final detailed design, bid phase support, services during construction, and acceptance testing for the Southwest Water Reclamation Facility Expansion to 18 MGD project. This project is needed to meet wastewater flow demands in the Southwest services territory. This project will be constructed using Construction Manager at Risk (CMAR) method.

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

- Customer Value: Improve customer's service by providing additional capacity and reliable operation.
- Community Value: Provide additional capacity and redundancy to meet existing and future growth in the service area.
- Environmental Value: Provide high level treatment of wastewater to produce a high quality and consistent effluent for discharge to the St. Johns River while meeting the most current resiliency requirements.
- Financial Value: Will provide the most energy efficient process equipment and upgrades to improve operations and reduce energy requirements.

JEA IFB/RFP/State/City/GSA#: 105-19

Purchasing Agent: Kruck, Daniel R.

Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Phase 1 Amount
CDM SMITH INC.	Patrick Victor	victorpr@cdmsmith.com	8381 Dix Ellis Trail Suite 400, Jacksonville FL 32256	(904) 527-6736	\$732,210.00

Amount for entire term of Contract/PO: \$732,210.00

Award Amount for remainder of this FY: \$721,338.89

Length of Contract/PO Term: Project Completion

Begin Date (mm/dd/yyyy): 03/28/2019

End Date (mm/dd/yyyy): Project Completion (Expected: February 2023)

JSEB Requirement:

Ten Percent (10%) Evaluation Criteria

Comments on JSEB Requirements:

R.E. Holland (Survey) – 14.78%

Environmental Resource Solutions, Inc. (Wetlands Delineation) – 0.57%

Total: 15.35%

PROPOSERS:

Name	Phase 1 Amount	Rank
CDM SMITH INC.	\$732,210.00	1
HAZEN SAWYER	N/A	2
BROWN AND CALDWELL	N/A	3
WRIGHT-PIERCE INC.	N/A	4
AECOM TECHNICAL SERVICES, INC.	N/A	5

Background/Recommendations:

Advertised on 06/15/2018. Eleven (11) prime companies attended the mandatory pre-proposal meeting held on 07/24/2018. At proposal opening on 08/21/2018, JEA received five (5) proposals. The public evaluation meeting was held on 11/20/2018, and JEA deemed CDM Smith Inc. most qualified to perform the work. A copy of the evaluation matrix and negotiated fees are attached as backup.

Due to extensive environmental reviews and permitting required for the expansion of the water reclamation facility, this engineering effort will be split into two (2) phases. The first phase will be for the required environmental reviews, permitting, contractor coordination and initial design services to 10% design. The fee for phase 2, which includes final design and services during construction, will be negotiated and brought to the Awards Committee once the ten percent (10%) design is completed. If negotiations with CDM Smith are unsuccessful for Phase 2, JEA reserves the right to terminate negotiations and contract with the next highest ranked firm. Negotiations with CDM Smith Inc. were successfully completed for Phase 1 of this project. The proposed engineering fee is eighty-seven percent (87%) lower than estimated due to phase 2 costs not being included. A budget trend will be performed once a construction price has been agreed upon with the CMAR firm.

The project details are below:

- Total Project Budget: \$65,501,000.00
- Estimated Construction Cost: \$56,466,000.00
- Estimated Engineering Cost (at time of Proposal): \$5,647,000.00
- Estimated Services During Construction: \$1,694,000.00
- Phase 1 Engineering Cost: \$732,210.00 (1.3% of estimated construction costs)
- Estimated Construction Start Date: July 2020
- Estimated Construction Completion: February 2023

105-18 – Request approval to award a contract to CDM Smith Inc., for Engineering Services for the Southwest Water Reclamation Facility Expansion to 18 MGD in the amount of \$732,210.00, subject to the availability of lawfully appropriated funds.


Manager: Collier, Bradley W. - Mgr WW Plants & Pump Stations E&C
Director: Conner, Sean M. - Dir W/WW Project Engineering & Construction
VP: Calhoun, Deryle I. - VP/GM Water Wastewater Systems

APPROVALS:

 3/14/19

Chairman, Awards Committee

Date

 3/14/19

Manager, Operating Budgets

Date



Formal Bid and Award System

Award #2 December 19, 2019

Type of Award Request: CONTRACT INCREASE**Request #:** 6241**Requestor Name:** Hawk, Thomas C.**Requestor Phone:** (904) 665-8829**Project Title:** Engineering Services for the Southwest Water Reclamation Facility (WRF)
Expansion - Phase 2**Project Number:** 8005555**Project Location:** JEA**Funds:** Capital**Budget Estimate:** \$5,647,000.00 (Phase 1 and Phase 2 Engineering Budget)**Scope of Work:**

The scope of work to be performed under this task consists of preliminary design, final detailed design, support, services during construction, and acceptance testing for the Southwest WRF Expansion to 18 millions of gallons per day (MGD) project. This project is needed to meet wastewater flow demands in the Southwest services territory. This project will be constructed using Construction Manager-at-Risk (CMAR) method.

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

- Customer Value: Improve customer's service by providing additional capacity and reliable operation.
- Community Value: Provide additional capacity and redundancy to meet existing and future growth in the service area.
- Environmental Value: Provide high level treatment of wastewater to produce a high quality and consistent effluent for discharge to the St. Johns River while meeting the most current resiliency requirements.
- Financial Value: Provide the most energy efficient process equipment and upgrades to improve operations and reduce energy requirements.

JEA IFB/RFP/State/City/GSA#: 105-18**Purchasing Agent:** Kruck, Daniel R.**Is this a Ratification?:** NO**RECOMMENDED AWARDEE(S):**

Name	Contact Name	Email	Address	Phone	Phase 2 Amount
CDM SMITH INC.	Patrick Victor	victorpr@cdmsmith.com	8381 Dix Ellis Trail Suite 400, Jacksonville FL 32256	(904) 527-6736	\$7,589,600.00

Amount for entire term of Contract/PO: \$7,589,600.00**Award Amount for remainder of this FY:** \$5,422,500.00**Length of Contract/PO Term:** Project Completion**Begin Date (mm/dd/yyyy):** 03/28/2019**End Date (mm/dd/yyyy):** Project Completion (Expected: October 2023)**JSEB Requirement:** Ten Percent (10%) Evaluation Criteria

Comments on JSEB Requirements:

Phase 1

R.E. Holland (Survey) – 14.78%

Environmental Resource Solutions, Inc. (Wetlands Delineation) – 0.57%

Total: 15.35%

Phase 2

R.E. Holland (Survey/SUE) – 0.65%

Background/Recommendations:

Originally approved by the Awards Committee on 03/14/2019 in the amount of \$732,210.00 to CDM Smith, Inc. A copy of the original award is attached as backup.

Negotiations with CDM Smith, Inc. were successfully completed for Phase 2 of this project. Due to extensive environmental reviews and permitting required for the expansion of the water reclamation facility, the engineering effort was split into two (2) phases. Phase 1 covered environmental reviews, permitting, contractor coordination and initial design services to 10% design. Phase 2 covers engineering to 100%, final permitting and services during construction.

The project details are below:

- Planning Project Budget: \$65,501,000.00
 - Engineering Budget: \$5,647,000.00
 - Construction Budget: \$56,466,000.00
 - Internal JEA Costs: \$3,388,000.00
- Revised Project Budget (10% Design): \$77,035,660.00
 - Engineering Budget (CDM Smith): \$8,321,810.00
 - Phase 1: \$732,210.00
 - **Phase 2: \$7,589,600.00 (this award)**
 - Construction Budget (Garney Companies): \$65,586,178.00
 - Phase 1: \$704,232.00
 - Phase 2: \$64,881,946.00
 - Internal JEA Costs: \$3,127,672
- Original Project Schedule:
 - Engineering Completion: August 2020
 - Construction Completion: May 2023
- Revised Schedule:
 - Engineering Completion: December 2020
 - Construction Completion: October 2023

Major Changes/Issues

The original budget of \$65.5M was derived from the project definition that only accounted for treatment process expansion. Upon project steering committee review, additional scope was added to the project (listed below). The scope addition and subsequent engineering and indirect costs were the cause for the budget increase to \$77M. This estimate is the engineer's opinion of probable construction cost at 10% design. Once the CMAR contract is awarded, they will be responsible for providing construction estimates at 30% and 60% design leading up to a guaranteed maximum price.

Additional Southwest WRF Projects

1. New Electrical Building #1 - \$588,804: Preliminary design indicated that a new electrical building would be more economical than replacing/upgrading current electrical system
2. Additional Instrumentation and Control - \$1,855,922: Preliminary design indicated that it is more economical to replace existing plant controls using a fiber optic loop rather than patch together new controls with existing
3. New Administration Building - \$4,867,028: Originally planned for rehabilitation by facilities and transferred to this project per facilities request. It was determined that it would be a larger added value to build new buildings rather than rehab the existing due to space limitations.

4. New Workshop Building - \$1,740,478: Originally planned for rehabilitation by facilities and transferred to this project per facilities request. It was determined that it would be a larger added value to build new buildings rather than rehab the existing due to space limitations.

A breakdown of the increases in costs is shown below.

Construction Costs: \$9,052,232

Engineering Costs: \$1,457,409

Total Increases: \$10,509,641

Request approval to award a contract increase to CDM Smith Inc., for Phase 2 for Engineering Services for the Southwest Water Reclamation Facility Expansion to 18 MGD in the amount of \$7,589,600.00, subject to the availability of lawfully appropriated funds.

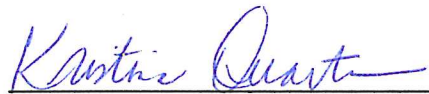
Manager: Collier, Bradley W. - Mgr WW Plants & Pump Stations E&C
Director: Conner, Sean M. - Dir W/WW Project Engineering & Construction
VP: Calhoun, Deryle I. - VP/GM Water Wastewater Systems

APPROVALS:



Chairman, Awards Committee

Date


_____ 12/19/19

Manager, Operating Budgets

Date

AMENDMENT NO. 5
CONTRACT NO. 181004
SOUTHWEST WRF EXPANSION PROJECT
December 14, 2022

This Amendment, when executed, shall be incorporated in and become part of the Contract (Contract No. 181004) for Professional Services between JEA (OWNER), and CDM Smith Inc. (CONSULTANT), dated March 28, 2019, hereafter referred to as the Contract.

PURPOSE

The purpose of this Amendment No. 5 is to authorize and direct CONSULTANT to provide additional post design engineering and other services during construction for the Southwest WRF project currently under construction by Garney (CMAR & Contractor). This Amendment is necessary to align with the CMAR construction contract administration, to account for greater than anticipated effort in technical reviews; to provide additional planning, coordination and observation during construction, and startup than is currently scoped; and to extend the duration of the resident project representative to the risk adjusted substantial completion date. This Amendment also provides funding for unanticipated additional services that may be authorized through by Owner the As-Needed Services (Allowance) task.

PROJECT BACKGROUND

The following tables present the services during construction that have previously been authorized:

Amendment 1 allocated:

• Post Design Engineering Services (LS)	8,209	hrs	30 months of Construction
• Resident Project Representative (T&M)	4,800	hrs	30 months of Construction
• Testing, Startup, Commissioning, and Training (LS)	2,162	hrs	30 months of Construction

Amendment 2 & 3 did not change the above hours or time frame.

Amendment 4 added hours and to align with the actual construction duration as follows:

• Post Design Engineering Services (LS)	994	hrs	42 months of Construction
• Resident Project Representative (T&M)	2,000	hrs	42 months of Construction
• Testing, Startup, Commissioning, and Training (LS)	0	hrs	42 months of Construction

The Southwest Water Reclamation Facility (WRF) is a Biological Nutrient Removal (BNR) facility with a permitted treatment capacity of 14.0 million gallons per day (mgd) annual average daily flow (AADF). CONSULTANT completed the preparation of the design plans and specifications in January 2022 for a new treatment train and other improvements.

The OWNER selected Garney (CMAR CONTRACTOR Contractor) who is currently executing the construction of the Project via four distinct Guaranteed Maximum Price (GMP) packages. All four GMPs have been awarded, at a total construction contract amount of \$114,220,667.

CONSULTANT is currently providing engineering services during construction to OWNER. Additional/expanded services have been requested to assist OWNER in administering the CMAR contract for the 42-month contract duration to meet current needs.

SCOPE OF WORK

Amendment 5 (this Amendment) proposes to add the following hours:

• Post Design Engineering Services (LS)	9,610	hrs	42 months of Construction
• Resident Project Representative (T&M)	320	hrs	42 months of Construction
• Testing, Startup, Commissioning & Training (T&M NTE)	2,200	hrs	42 months of Construction

Amendment No. 5 follows the outline of Amendment No. 1 and includes the addition listed below to the scope of work:

TASK 11 – SERVICES DURING CONSTRUCTION

Subtask 11.1 - Monthly Progress Meetings – No Change

Subtask 11.2 – Special Meetings – No Change

Subtask 11.3 – As Needed Working Coordination Phone Conferences

CONSULTANT will participate in an additional 259 phone conferences that are anticipated over the 42-month construction duration.

Subtask 11.4 – Engineering Reviews, Clarifications and Interpretations – No Change

Subtask 11.4-A – Review Shop Drawings and Other Submittals

CONSULTANT will receive, review, evaluate, and distribute an additional 580 shop drawings, inclusive of resubmittals, in accordance with the contract documents (A total 1,280 submittals and resubmittals are anticipated)

Subtask 11.4.B - Review of Schedule of Values and Applications for Payment – No Change

Subtask 11.4.C - Schedule Reviews – No Change

Subtask 11.4.D - Response to Requests for Information (RFIs)

CONSULTANT will receive, distribute, review, evaluate, and respond to an additional anticipated RFIs. from the CMAR.

Subtask 11.4-E– Change Order, Allowance and/or Contingency Request Reviews

CONSULTANT will assist OWNER in management of Owner Allowances/Contingency Authorizations (ACAs) and Contactor Contingency Authorizations (CCAs) (assume approximately 280 CO equivalents) including:

- Preparation of Design Change Notifications (DCN) including production of drawings and specifications.
- Review and recommend action on CMAR submitted ACAs or CCAs.
- Maintain and update appropriate logs and other documents.

Subtask 11.5 – Site Visits by Office Staff – No Change

Subtask 11.5.A - Project Manager and Design Lead Visits – No Change

Subtask 11.5.B - Substantial Completion and Partial Utilization Certification – No Change

Subtask 11.6 – Review Project Close Out Documents – No Change

Subtask 11.7 - Record Drawings – No Change

Subtask 11.8 - Construction Certification Forms – No Change

Subtask 11.9 – Resident Project Representative Services (Time and Materials)

The existing scope of services includes a Resident Project Representative (RPR) up to 6,800 hours. The number of hours were estimated to allow a single RPR to be on-site full-time through the project scheduled completion in August 2025. The Risk Adjusted Substantial Completion is September 24, 2025. Under this subtask, CONSULTANT will provide an additional 320 hours that may be needed to extend duration to the Risk Adjusted Substantial Completion. For this subtask, only hours worked will be invoiced.

Subtask 11.10 – RPR Support Services – No Change

TASK 12 – TESTING, STARTUP, COMMISSIONING, AND TRAINING

Subtask 12.1 Equipment and Process Testing and Startup Related Services – No Change

Subtask 12.1.A Startup and Testing Plan Review – No Change

Subtask 12.1.B Testing Plan Development Assistance – No Change

Subtask 12.1.C Tracking and Monitoring to Verify Readiness – No Change

Subtask 12.1.D Pre-Testing and Startup Coordination Meetings – No Change

Subtask 12.1.E Startup Assistance for Liquid Process – No Change

Subtask 12.1.F Witnessing of Testing and Startup for the Unit Processes – No Change

Subtask 12.2 Review of Equipment Service Manuals and Production of Electronic O&M Manual – No Change

Subtask 12.2.A O&M Manual Review – No Change

12.2.B Develop Facility P&ID Drawings – No Change

12.2.C Digitize Existing Manuals & Develop Final Electronic O&M Manual – No Change

12.3 Vendor Training Quality Monitoring – No Change

Subtask 12.3.A Review of Training Plans – No Change

Subtask 12.3.B Monitoring of Select Training Sessions – No Change

(New) Subtask 12.4 Ad Hoc Consulting and Startup Assistance (T&M No-To-Exceed)

A greater than anticipated level of effort is expected during startup activities. Under this subtask, CONSULTANT will provide up to an additional 2,200 labor-hours to be used as general consulting in planning for start-up and testing activities assistance that exceed the existing Task 12 scope previously budgeted amount in Amendment 1. Individual assignments may be authorized as lump sum or as time and materials activities not to exceed the upper limit.

TASK 13 – AS-NEEDED SERVICES (ALLOWANCE)

This task is being amended to allow future additional as-needed services. An additional not-to-exceed amount of \$700,000 is being added to this task. CONSULTANT will prepare a Supplemental Work Authorization (SWA) for review and approval by the OWNER prior to conducting any additional as-needed services beyond those listed in the current scope, under this allowance budget.

TIME OF COMPLETION/SCHEDULE

The NTP for construction was April 5, 2022. According to the current baseline schedule agreed to by CMAR CONTRACTOR and OWNER, the Substantial Completion and Final Completion dates are July 2, 2025, and August 1, 2025, respectively. CONSULTANT anticipates all closeout documentation will be complete within 30 days of Construction Final Completion Date.

PAYMENT AND COMPENSATION

For performing the services of this Amendment authorization, OWNER agrees to pay CONSULTANT a lump sum amount of \$1,713,818 for Subtasks 11.3-11.4; a T&M \$66,880 for Subtask 11.9 (RPR); and a T&M not-to-exceed amount of \$400,360 for Subtask 12.4. This Amendment is also adding an additional \$700,000 to Task 13 As-Needed Services (Allowance). The total not-to-exceed amount of this Amendment No. 5 is **\$2,881,058**. The amended grand total not-to-exceed amount of this Contract is **\$12,994,012**.

CONSULTANT will submit monthly invoices based on a percentage complete basis for the lump sum tasks. The OWNERs Allowance will not be invoiced without written authorization from the OWNERs Project Manager. For summary purposes only, the value of each task is as shown in **Table 1**.

Table 1 Amendment No. 5 Task Value Under JEA Southwest WRF Expansion Project

Task	Description	Value
Additional Construction Phase Services		
Subtask 11.3-11.4	Post Design Engineering Services During Construction (Lump Sum)	\$1,713,818
Subtask 11.9	RPR Services (T&M)	\$66,880
Subtask 12.4	Testing, Startup, Commissioning, & Training (NTE)	\$400,360
	SUBTOTAL TASKS 11 and 12, NTE AMOUNT =	\$2,181,058
OWNERs Allowance (SWA)		
Task 13	As-Needed Services (Allowance) (Written Authorization Required)	\$700,000

Table 2 Contract Summary

Original Authorization	\$732,210
Amendment 1	\$7,589,600
Amendment 2	\$223,009
Amendment 3	\$415,628
Amendment 4	\$1,152,507
Amendment 5 (This Amendment)	\$2,881,058
TOTAL CONTRACT VALUE (NOT-TO-EXCEED)	\$12,994,012

AMENDMENT NO. 6
CONTRACT NO. 181004
SOUTHWEST WRF EXPANSION PROJECT
January 24, 2023

This Amendment, when executed, shall be incorporated in and become part of the Contract (Contract No. 181004) for Professional Services between JEA (OWNER), and CDM Smith Inc. (CONSULTANT), dated March 28, 2019, hereafter referred to as the Contract.

PURPOSE

The purpose of this Amendment No. 6 is to authorize CONSULTANT to provide additional Project Management Services. This Amendment is necessary to supplement JEA staffing for administration of the project.

PROJECT BACKGROUND

CONSULTANT is currently contracted to provide Professional Services during execution of the Southwest WRF Expansion Project. The project delivery is via a Construction-Manager-At-Risk (CMAR) contract with Garney Construction. The Construction Guaranteed Maximum Price (GMP) is \$114,220,667. The OWNER currently performs project management services in-house to administer the construction contract. Given the additional effort associated with CMAR project delivery and other on-going projects, the OWNER has requested CONSULTANT provide staffing by professionals already familiar with the project scope, schedule, and stakeholders to perform the in-house project management.

SCOPE OF WORK

Amendment 6 (this Amendment) proposes to hours as a new NTE Task:

First 3 Months as Acting JEA PM	64 hrs/mo	192 hrs
26 months as Acting JEA PM	32 hrs/mo	832 hrs
Last 3 months as Acting JEA PM	64 hrs/mo	192 hrs
TOTAL		1,216 hrs

(NEW) TASK 15 – PROJECT MANAGEMENT SERVICES/ACTING JEA PROJECT MANAGER (NTE)

This task is being added to provide the services of a Project Manager to fulfill the role OWNERS PM.

Responsibilities include:

- Coordinate with the JEA scheduler to review and coordinate contractor schedules
- Coordinate with the JEA cost specialist to establish and maintain project cashflows and budget (within 10% of monthly predicted cashflow)
- Meet monthly with JEA cost specialist and scheduler to develop JEA trend report
- Provide monthly (JEA format) trend updates once reviewed and approved by cost specialist and scheduler
- Review and process CMAR payment applications (contractor and consultant invoices will be reviewed and approved by department manager)
- Process contingency and allowance request from CMAR. A decision log will be used to communicate a summary of the status of the requests with JEA management.

- Create weekly and monthly project reports to communicate progress to JEA management
- Coordinate and represent JEA at weekly and monthly meetings
- Maintain current JEA stakeholder lists
- Coordinate with JEA stakeholders to schedule JEA attendance, actions, and deliveries with CMAR work.
- Maintain project documentation within the appropriate project folders and subfolders on the JEA network (JEA will provide access to the specific portions of the JEA network)

It is anticipated that the employee will serve as an OWNER employee, however, will not have the authority to make changes to the contract. OWNER will provide equipment, training, and access required to complete the required responsibilities. OWNER will retain ownership of all equipment provided. For this subtask, only hours worked will be invoiced.

TIME OF COMPLETION/SCHEDULE

The NTP for initiation of this New Task 15 is planned to begin March 2023 and run through October 2025 for a total estimated 31 months. According to the current baseline schedule agreed to by CMAR CONTRACTOR and OWNER, the Substantial Completion and Final Completion dates are July 2, 2025, and August 1, 2025, respectively. The risk adjusted Final Completion is currently September 24, 2025. CONSULTANT anticipates all closeout documentation will be complete within 30 days of risk adjusted Final Completion Date.

PAYMENT AND COMPENSATION

For performing the services of this Amendment authorization, OWNER agrees to pay CONSULTANT a not-to-exceed amount of \$286,976 (based on the current approved rate of \$236/hr) for the new Task 15. CONSULTANT will submit monthly invoices for hours worked by the PM at the approved contract billing rates.

The amended grand total not-to-exceed amount of this Contract is **\$13,280,988**.

Table 1 Amendment No. 6 Task Value Under JEA Southwest WRF Expansion Project

Task	Description	Value
(NEW) Task 15	PM Services/Acting JEA PM	\$286,976

Table 2 Contract Summary

Original Authorization	\$732,210
Amendment 1	\$7,589,600
Amendment 2	\$223,009
Amendment 3	\$415,628
Amendment 4	\$1,152,507
Amendment 5	\$2,881,058
Amendment 6 (This Amendment)	\$286,976
TOTAL CONTRACT VALUE (NOT-TO-EXCEED)	\$13,280,988



Formal Bid and Award System

Award #8 February 16, 2023

Type of Award Request: CONTRACT INCREASE / RENEWAL
Requestor Name: Swartz, Ryan. – Electric Systems Engineer
Requestor Phone: (904) 665-7826
Project Title: Corrosion Treatment Services for JEA Substation Equipment
Project Number: HE30702
Project Location: JEA
Funds: O&M
Business Unit Estimate: \$250,000.00

Scope of Work:

The purpose of this solicitation is to select a vendor to provide corrosion treatment and the application of protective coatings on rack transformers, circuit breakers, switchgear and associated equipment located at JEA electric substations and generating stations (the “Work”).

The Work shall be performed in accordance with NACE International Standard RP0297-2004. Only personnel qualified to work in or around energized high voltage environments will be allowed.

JEA IFB/RFP/State/City/GSA#: 135-18
Purchasing Agent: Lovgren, Rodney Dennis
Is this a ratification?: NO

RECOMMENDED AWARDEE:

Name	Contact Name	Email	Original Award	Contract Increase	New NTE
SEACOR PAINTING CORPORATION INC.	Nick Frangos	nickd725@aol.com	\$838,050.00	\$250,000.00	\$1,171,855.00

Amount of Original Award: \$838,050.00
Date of Original Award: 11/01/2018
Change Order Amount: \$250,000.00

List of Previous Change Order Amendments:

Change Order #	Amount	Date
10% Contract Increase	\$83,805.00	10/25/2022

New Not-To-Exceed Amount: \$1,171,855.00
Length of Contract/PO Term: Five (5) Years w/One (1) - 1 Yr. Renewals
Begin Date (mm/dd/yyyy): 11/01/2018
End Date (mm/dd/yyyy): 10/31/2024
Renewal Options: None Remaining

JSEB Requirement:

NA – Optional

Background/Recommendations:

Competitively bid and approved by Awards Committee on 11/01/2018. The original award and renewal are attached as back-up.

An informal 10% increase was approved in 10/25/2022 to support continued use of the contract through original term.

This request is to add funds for O&M work in the amount of \$250,000.00, to allow continued use through this first and only renewal. The original award amount was based on historical usage and budget estimates available at the time of award. The supplier has not asked for a price adjustment for the original contract term. This renewal will have a CPI adjustment. Based on the supplier being the lowest bidder on the original award and holding unit prices for five years, JEA deems the price adjustment based on CPI for the renewal reasonable.


The Electric and Power Generation groups plan services and term-based contract life cycles to allow a review six months prior to expiration to determine if JEA can negotiate acceptable terms of renewal. This allows time allows for processing a solicitation prior to expiration, if utilization of a renewal is deemed not in JEA's best interest.

It should be noted that term-based services contracts are typically not funded for the latter years of the contract. Should additional work develop during the contract term, or should JEA elect to extend the contract, additional funding may be required, additional increases will be processed through the Awards Committee as necessary.

Request approval for a contract increase to Seacor Painting Corporation Inc. for corrosion treatment services for JEA substation equipment services in the amount of \$250,000.00, for a new not-to-exceed amount of \$1,171,855.00, subject to the availability of lawfully appropriated funds.

Manager:	Malmsted, David A – Mgr Substation Maintenance
Director:	Skinner, Todd A. – Dir Electric Systems Operations
Sr. Director:	Baker, William G. - Sr Dir Energy Operations
VP:	Erixton, Ricky D. – VP Electric Systems

APPROVALS:

	2/16/2023
Chairman, Awards Committee	Date

	2/16/2023
Budget Representative	Date

Addendum 2 Appendix B - BAFO Bid Workbook
135-18 Corrosion Treatment and Protective Coating for Electrical Equipment

	Number	CLASS	PRICE/UNIT	5 Yr Forecast	Extended price	Subtotal Transformers
TRANSFORMERS	1	Autotransformer / Generator Step Up	\$ 8,400.00	8	\$ 67,200.00	\$ 571,200.00
	2	Power Transformer	\$ 8,400.00	60	\$ 504,000.00	
OIL and VACUUM CIRCUIT BREAKERS - SPOT BLAST	Number	KV CLASS	PRICE/UNIT	5 Yr Forecast	TOTAL PRICE	Subtotal Circuit Breakers Spot Blast
	21	27	\$ 850.00	100	\$ 85,000.00	\$ 155,050.00
	22	69	\$ 1,250.00	33	\$ 41,250.00	
	23	138	\$ 1,800.00	8	\$ 14,400.00	
	24	230	\$ 1,800.00	8	\$ 14,400.00	
OIL and VACUUM CIRCUIT BREAKERS - FULL BLAST	Number	KV CLASS	PRICE/UNIT	5 Yr Forecast	TOTAL PRICE	Subtotal Circuit Breakers Full Blast
	25	27	\$ 850.00	27	\$ 22,950.00	\$ 46,100.00
	26	69	\$ 1,250.00	7	\$ 8,750.00	
	27	138	\$ 1,800.00	3	\$ 5,400.00	
	28	230	\$ 1,800.00	5	\$ 9,000.00	
SF6 CIRCUIT BREAKERS	Number	KV CLASS	PRICE/UNIT	5 Yr Forecast	TOTAL PRICE	Subtotal SF6 Circuit Breakers
	29	27	\$ 850.00	8	\$ 6,800.00	\$ 45,600.00
	30	69	\$ 1,250.00	8	\$ 10,000.00	
	31	138	\$ 1,800.00	8	\$ 14,400.00	
	32	230	\$ 1,800.00	8	\$ 14,400.00	
PT's, PANELS, and CABINETS	Number	ITEM		5 Yr Forecast	TOTAL PRICE	Subtotal Miscellaneous Equipment
		Potential Transformer's	\$ 100.00	10	\$ 1,000.00	\$ 20,100.00
		Various Electrical Panels	\$ 100.00	183	\$ 18,300.00	
		Cabinets	\$ 100.00	8	\$ 800.00	
Total Bid Price (Enter this amount on the Bid Form Page 1)						\$ 838,050.00



Formal Bid and Award System

Award #9 February 16, 2023

Type of Award Request: INVITATION FOR BID (IFB)
Request #: 698
Requestor Name: Rager, Greg D. - Manager Technology Project Mgmt.
Requestor Phone: (904) 665-8136
Project Title: SOCC Annex Communication Tower Foundation Build
Project Number: 8008230
Project Location: JEA
Funds: Capital
Budget Estimate: \$460,000.00

Scope of Work:

The purpose of this solicitation is for the build of a SOCC annex communication tower foundation and to furnish material, labor, equipment, and supervision to install three (3) 120" Ø x 77'-0" deep drilled concrete foundation shafts as designed by Sabre Towers and Poles. (reference the "Structural Design Report from Sabre dated August 9, 2022 Rev. A).

JEA IFB/RFP/State/City/GSA#: #1411050446
Purchasing Agent: Garland, Brooke
Is this a ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
M GAY CONSTRUCTORS, INC.	Danielle Wylde	mgcdanielle@gmail.com	PO Box 26249 Jacksonville, FL 32226	904.714.4001	\$675,130.00

Amount for entire term of Contract/PO: \$675,130.00
Award Amount for remainder of this FY: \$675,130.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 03/01/2023
End Date (mm/dd/yyyy): Project Completion (Install complete by 5/15/2023)
JSEB Requirement: N/A – Optional

Bidders:

Bidders	Amount	Rank	Disqualified?
M GAY CONSTRUCTORS, INC.	\$675,130.00	1	No
RELIABLE CONSTRUCTORS, INC.	\$790,000.00	2	No

Background/Recommendations:

Advertised on 01/11/2023. Two (2) vendors attended the optional Pre-Bid Meeting on 01/19/2023. At Bid Due Date on 01/31/2023, JEA received two (2) Bids. JEA expected limited bids for this work due to a limited local market for this type of work. After review, M Gay Constructors, Inc. is deemed to be the lowest responsive and responsible Bidder. A copy of the Bid Workbook is attached as backup.

This award is for \$675,130.00 for material, labor, equipment and supervision to install a SOCC annex communication tower foundation in strict accordance with the manufacturers' design without previously approved deviation. In addition, the contractor is also required to install, in strict accordance with the latest version of the FDOT specifications for Cross-Hole Sonic Logging (CSL) Tubes. A third-party inspector for specification compliance shall be provided and the cost of \$15,000.00 has been included in the award amount for this service. The foundation is first needed to later erect a 300ft lattice self-support Tower which will improve radio and wireless communications in the south part of Duval and North area of St Johns County. Once the foundation is complete; the next steps will be to separately bid and begin construction of the Civil, Electrical, and Tower erection.

The award amount is higher than the budget due to this work including a greater depth than previously similar bid work, and additional cost is due to soil conditions and for additional concrete and rebar needed for the additional depth. There are enough funds in the capital budget to cover this difference.

1411050446 - Request approval to award a contract to M Gay Constructors, Inc. for SOCC Annex Foundation Build in the amount of \$675,130.00, subject to the availability of lawfully appropriated funds.

Director: Edgar, Cindy L. – Dir. Eng/Ops Applications
VP: Selders, Steve G. - VP Application Delivery and Enterprise Architecture
Chief: Krol, Bradley D. - Chief Information Officer

APPROVALS:

<u>Stephen Datz</u>	<u>2/16/2023</u>
Chairman, Awards Committee	Date

<u>Stephanie Nealy</u>	<u>2/16/2023</u>
Budget Representative	Date

Lot Name : Enter Question			Demand Information				M GAY CONSTRUCTORS,	
Item Information							Pricing Information	Total Cost inUSD
							Unit Cost in USD	
ITEM NO	ITEM NAME	ITEM DESCRIPTION	Price Type	Estimated Quantity	Quantity	UOM	Enter Unit Cost Desc.	Total Cost :: {Enter Unit Cost
1	Lump Sum Pricing	Lump Sum Pricing	Bulk	1	1	EA	651630	651630
2	Third Party Inspector	Third Party Inspector	Bulk	1	1	EA	15000	15000
3	Spoils and Slurry Water Removal Pricing	Spoils and Slurry Water Removal Pricing	Bulk	1	1	EA	8500	8500
							Lot Total :	675130
							Currency :	USD



Formal Bid and Award System

Award #10 February 16, 2023

Type of Award Request: JOINT PROJECT
Requestor Name: Hepburn, Brian F.
Requestor Phone: (904) 629-9269
Project Title: FDOT FPID: 437320-1-56-01 SR 115 (Lem Turner) - Soutel Drive to Nassau County Line
Project Number: 8007161 (W), 8007151 (S)
Project Location: JEA
Funds: Capital
Budget Estimate: \$893,563.94

Scope of Work:

The project includes FDOT roadway re-surfacing improvements and construction of the following JEA improvements:

Water Main

Includes approximately 1,000 feet of 16" PVC water main with gate valves, fittings, fire hydrants, and connections to existing water mains. The project also includes providing new 6" PVC laterals crossing Lem Turner at Tinsley Road and Carleon Road for future water main installation.

The project provides an opportunity to increase the connectivity between two water treatment plants in the North Grid. This connection improves the supply from the Highlands Water Treatment Plant (WTP) to the Northwest WTP area during an outage.

Force Main

Force main construction includes approximately 750 linear feet of 8" PVC force main to replace the existing 16" ductile iron force main between Capper Road and Leonid Road including insertion valves, gate valves, fittings, and connections to existing force mains.

The force main improvements are required due to pump station project 180-46 which is redesigning WOO-10340 (Capper Road Pump Station) and redirecting flows to Key Haven Pump Station 10800. This project must be completed before flow can be placed on the new 8" FM on Lem Turner. In the future, a new 8" pipe will replace the remaining portion of the 16" CI along Capper Rd and place the remaining 16" DI FM out of service to complete the improvements to the system.

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

RECOMMENDED AWARDEE(S):

Name	Address	Phone	Amount
FLORIDA DEPT OF TRANSPORTATION	FDOT, c/o Wells Fargo Bank, N.A., 1 Independent Drive, Jacksonville FL 32202	(813) 225-4338	\$893,563.94

Amount for entire term of Contract/PO: \$893,563.94
Award Amount for remainder of this FY: \$893,563.94
Length of Contract/PO Term: Project Completion
Begin Date: 02/20/2023
End Date: Project Completion (Estimated: July 2024)
JSEB Requirement: N/A - FDOT

BIDDER:

Name	Amount
FLORIDA DEPT OF TRANSPORTATION	\$893,563.94

Background/Recommendations:

JEA's force main and water main are within the FDOT's project footprint/right-of-way for roadway re-surfacing. This project will install and place out of service portions of the existing force main and water main within the project limits of the FDOT FPID 437320-1 SR 115 (Lem Turner) - Soutel Drive to Nassau county line.

JEA's utility construction work was included with FDOT's bid and will be constructed by FDOT's contractor via the terms of the existing JEA/FDOT Master Agreement. The requested payment amount is the cost for the JEA portion of the work that is over the \$328,815.07 previously pre-paid to FDOT for this project. A copy of the FDOT payment request is attached for reference. The cost breakdown between water and sewer funds is shown below:

- Water: \$542,857.69
- Sewer: \$350,706.25

Request approval for a payment to Florida Department of Transportation for the FDOT FPID: 437320-1-56-01 SR 115 (Lem Turner) - Soutel Drive to Nassau County Line project in the amount of \$893,563.94, subject to the availability of lawfully appropriated funds.

Senior Manager: Sulayman, Mickhael S. – Senior Manager Project Management
Director: Conner, Sean M. – Dir. W/WW Project Engineering & Construction
VP: Melendez, Pedro A. – VP Planning, Engineering & Construction

APPROVALS:

<u>Stephen Datz</u>	<u>2/16/2023</u>
Chairman, Awards Committee	Date

<u>Stephanie Nealy</u>	<u>2/16/2023</u>
Budget Representative	Date



Florida Department of Transportation

RON DESANTIS
GOVERNOR

1109 S. Marion Avenue MS 2024
Lake City, FL 32025

JARED W. PERDUE, P.E.
SECRETARY

Date 02/07/2023 | 8:54 AM EST

Mr. Mickhael Sulayman
JEA Water & Sewer
21 West Church Street
Jacksonville, FL 32202

**RE: UTILITY WORK BY HIGHWAY CONTRACTOR MASTER AGREEMENT
(AT UAO AND FDOT EXPENSE COMBINED)
FPID: 437320-1-56-01
Federal No. – D222-039-B
County – Duval
State Road – 115
Project Location – SR 115 SOUTLE DRIVE TO NASSAU C/L**

Dear Mr. Sulayman:

This is your approved **Utility Work Order No. 4 /Notice to Proceed** in the amount of **\$893,563.94** for the construction work needed for JEA Water & Sewer facilities along SR115 as reflected under the terms of the of the executed **Utility Work by Highway Contractor Master Agreement (at UAO and FDOT Expense Combined)** dated December 7, 2000

The Department of Transportation is requesting deposit of the required funds by **February 24, 2023.**

Sincerely,

DocuSigned by:
A handwritten signature in black ink that reads "Todd Hunt". The signature is written in a cursive style with a large, looped "H".

6B9D6634951247F...
Todd Hunt
D2 Utilities Administrator

Enclosures

cc: Eric Shimer, P.E.– Project Management – Email
LFA Central Office- Email
D2 Specs – Email (Vince Camps)
D2 Estimates- Email
D2 Workprogram - Email
File – Letter & Agreement

File Name

Open

Save

Print Form

Reset Form

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
AGREEMENT SUMMARY SHEET350-020-03
COMPTROLLER
02/16

**Attach this completed form to the agreement and forward to the
LFA Section in the OOC, General Accounting Office, M.S. 42B.
If you have any questions, please call
850-414-4867 or 850-414-4889.**

1. Participant's Name: JEA Water & Sewer
 Participant's Address: 21 West Church Street
 City, State, Zip: Jacksonville, FL 32202
 Contact: Mickhael Sulayman Phone Number: (904) 665-6985
 E-Mail Address: sulams@jea.com Fax Number: (904) 665-5303
 Federal Employer ID # and address sequence: F592983007004
 FEID# has a verified W-9 registered with the Department of Financial Services: ☒ Yes ☐ No ☐ In Process
2. Refund Address: JEA Payment Processing CC-3, 21 West Church Street
Jacksonville, FL 32202
3. District Contact Person: Todd Hunt Phone Number: (386) 961-7452
 District Number: 2 - Lake City Fax Number: (386) 758-3736
4. Agreement Date: 12/7/2000 5. Date Form Modified: 2/1/2023
6. Agreement Amount: \$2,404,478.53 7. Escrow Deposit Due Date: 2/24/2023
 Amount Due: \$ 893,563.94 Additional Deposits Due Date: _____
 Amount Due: \$ _____ Additional Deposits Due Date: _____
 Amount Due: \$ _____
8. County Name: DUVAL 9. FDOT County Number: 72
10. If fund type is LFR/LFRF (☐ Yes ☒ No), what is the anticipated start date of the payback: _____
 Is payback to be made in: ☐ Scheduled Payments _____ Quarterly ☐ Lump Sum
11. Participant is responsible for (check one): ☒ 100% ☐ Other Percentage (_____ %),
☐ Bid Items ☐ Lump Sum
 If participant is responsible for bid items, please complete the attached spreadsheet.
12. Description of Work: Construction work for JEA water and sewer system relocation.
Bid Reconciliation from Contractor's Bid.

13. Financial Project # Including 6X Phases	14. Amount	15. Work Program Fund Code	16. Federal Part. or Non-Federal Part.	17. Contract #	18. % to Bill
437320-1-36-10	\$119,958.52	LF	0	N/A	100%
437320-1-56-01	\$1,548,800.00	LF	0	N/A	100%
437320-1-66-01	\$70,400.00	LF	0	N/A	100%
437320-1-52-01	\$665,320.01	LF	0	N/A	100%

19. Has WP been updated to reflect the changes on this form? ☒ Yes ☐ No

20. Comments: WO#4 : Bid Reconciliation for JEA Water & Sewer relocation costs.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

UTILITY WORK ORDER CHANGE NO. 4

Financial Project ID: 437320-1-56-01	Federal Project ID: D222-039-B
County: Duval	State Road No.: 115
District Document No: 1	
Utility Agency/Owner (UAO): JEA Water & Sewer	

A.

- The Agency is hereby authorized to observe the following changes in the plans and/or specifications to the subject Utility Agreement, and to perform such work accordingly, further described as:
Utility Work by Highway Contractor Master Agreement (At UAO and FDOT Expense Combined)
- The items of work covered by this Work Order Change are referenced to an Agreement of record dated 12/07/2000, and no Supplemental Agreement is required.

B.

- The Utility Relocation Work is to conform to that shown by the utility adjustment plans as:
 - ☐ ATTACHED.
 - ☒ INCLUDED IN THE HIGHWAY CONTRACT PLANS.
- The cost of this Utility Work is:
 - ☒ NONREIMBURSABLE
 - ☐ REIMBURSABLE
 - ☐ Force Account Method
 - ☐ Lump Sum Method
 - ☐ Third Party Contract Method

C.

ESTIMATED COST OF WORK DUE TO THIS CHANGE:							
ITEM NO.	ITEM	UNIT	UNIT PRICE	WORK ELIMINATED (-)		ADDITIONAL WORK (+)	
				QUANTITY	AMOUNT	QUANTITY	AMOUNT
437320-1-56-01	WO #4						\$493,672.30
437320-1-66-01	WO #4						\$22,439.65
437320-1-52-01	WO #4						\$377,451.99
Sub-Totals.....							\$893,563.94
Net Cost of Construction Changes, this order.....							\$893,563.94
Cost of Construction Changes, previously ordered.....							\$1,510,914.59
Net Total Cost Construction Changes to Date.....							\$2,404,478.53
Contract Amount.....							\$2,404,478.53
Estimated Cost of Work Authorized to Date.....							\$2,404,478.53

Recommended: _____	2/1/2022	Approved: _____	02/07/2023 8:54 AM EST
	Date		Date
<u>Roland E. Davis</u>		<u>Todd Hunt</u>	
District Utility Coordinator		Division Administrator	
		Federal Highway Administration	
<u>Roland E. Davis, EI</u>		<u>Todd Hunt</u>	
Typed Name		Typed Name	

**Florida Department of Transportation
Office of the Comptroller
Wire and ACH Instructions**



**Wire and ACH Instructions for Local Funds Being Deposited into the Treasury Cash
Deposit Trust Fund K 11-78 with Department of Financial Services**

Please wire or ACH funds to:
Department of Financial Services
c/o Wells Fargo Bank, N.A.
1 Independent Drive
Jacksonville, Florida 32202
Phone: (813) 225-4338

ESCROW WIRING and ACH INSTRUCTIONS

Wells Fargo Bank, N.A.
Account # 4834783896
ABA # 121000248
Chief Financial Officer of Florida
Re: DOT – K 11-78, Financial project #

In order for FDOT to receive credit for the funds due to the Department, the reference line must contain “FDOT” and an abbreviated purpose, financial project number or LFA account number.

Once the wire transfer is complete, please contact Charmaine Small at 850-414-4885 with the following information:

Financial Project Number, Dollar amount of transfer, Name of Participant

It is critical that the above information be provided to the LFA accountants to properly process the deposit.

SUBSTITUTE FORM W9: The Department of Financial Services now requires all entities who receive payments from the State of Florida to have a Substitute Form W-9 on file. All cash disbursements (return of cash collateral or earned income) will be subject to this requirement. The Substitute Form W-9 can be completed online through the State of Florida Vendor Portal Website (<https://flvendor.myfloridacfo.com/>).

Financial Project ID 437320-1-56-01

Table A - Schedule of Values

Prime Contractor Name: Duval Asphalt Products, Inc.

Subcontractor Name: Callaway Contracting, Inc.

Date: 1/25/23		Revision #:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Instructions to Contractor:

1. Make no changes to this form except that shown here.
2. Add the Prime Contractor's name at the top of the form.
3. For each Item add the Unit Price for the Bid.
4. For each Item ensure the Quantity times the Unit Price equals the Total Price.
5. Ensure the Sum of the Total Price column matches the Total Lump Sum Water (or Sewer) Utility Work.
6. Ensure the Total Lump Sum Water (or Sewer) Utility Work matches the appropriate FDOT Pay Item in Bid Document.

ROADWAY & TTCP (FPID: 43732015601)

FDOT Pay Item Description

	Quantity	Units	Unit Price	Contractor Unit	Contractor Total
0102- 1- MAINTENANCE OF TRAFFIC 43732015601	1	LS	\$ 292,500.00		
0102-2200 SPECIAL DETOUR - TEMPORARY PAVEMENT	818	SY	\$ 75.00	\$ 319,999.50	\$ 319,999.50
0102- 14- TRAFFIC CONTROL OFFICER	50	HR	\$ 95.00	\$ 80.00	\$ 4,000.00
0102- 60- WORK ZONE SIGN	5,457	ED	\$ 0.24	\$ 0.25	\$ 1,364.25
0102- 61- BUSINESS SIGN	20	EA	\$ 46.00	\$ 30.00	\$ 600.00
0102- 71- 13 TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	817	LF	\$ 38.00	\$ 50.00	\$ 40,850.00
0102- 71- 23 TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	620	LF	\$ 11.50	\$ 14.00	\$ 8,680.00
0102- 74- 1 CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	47,740	ED	\$ 0.13	\$ 0.20	\$ 9,548.00
0102- 76- ARROW BOARD / ADVANCE WARNING ARROW PANEL	880	ED	\$ 5.75	\$ 6.00	\$ 5,280.00
0102- 99- PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	910	ED	\$ 11.25	\$ 10.00	\$ 9,100.00
0102-115- TYPE III BARRICADE	2,190	ED	\$ 0.30	\$ 0.30	\$ 657.00
0110- 4- 10 REMOVAL OF EXISTING CONCRETE	71	SY	\$ 85.00	\$ 45.00	\$ 3,195.00
0285-711- OPTIONAL BASE, BASE GROUP 11 (TYPE B-12.5)	818	SY	\$ 95.00	\$ 52.00	\$ 42,536.00
0520- 1- 7 CONCRETE CURB & GUTTER, TYPE E	113	LF	\$ 55.00	\$ 65.00	\$ 7,345.00
0520- 1- 10 CONCRETE CURB & GUTTER, TYPE F	29	LF	\$ 53.00	\$ 60.00	\$ 1,740.00
0522- 1- CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	34	SY	\$ 65.00	\$ 57.00	\$ 1,938.00
0522- 2- CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	31	SY	\$ 105.00	\$ 78.00	\$ 2,418.00
0527- 2- DETECTABLE WARNINGS	16	SF	\$ 35.00	\$ 42.00	\$ 672.00
0570- 1- 2 PERFORMANCE TURF, SOD	216	SY	\$ 5.75	\$ 8.00	\$ 1,728.00
0706- 1- 3 RAISED PAVEMENT MARKER, TYPE B	29	EA	\$ 4.75	\$ 4.50	\$ 130.50
0710- 11-101 PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	1,730	GM	\$ 1,350.00	\$ 1,350.00	\$ 2,335.50
0710- 11-141 PAINTED PAVEMENT MARKINGS, STD, WHITE, SKIP, 6", 2-4'	0.022	GM	\$ 3,000.00	\$ 480.00	\$ 10.56
0710- 11-170 PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROWS	10	EA	\$ 40.00	\$ 40.00	\$ 400.00
0710- 11-201 PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 6"	0.970	GM	\$ 1,350.00	\$ 1,350.00	\$ 1,309.50
0710- 11-241 PAINTED PAVEMENT MARKINGS, STD, YELLOW, SKIP, 6", 2-4'	0.022	GM	\$ 3,000.00	\$ 480.00	\$ 10.56

SUBTOTAL

10% Mob:	10% Mob:	\$ 515,320.01
		\$ 150,000.00
		\$ 665,320.01

Bid Reconciliation Spreadsheet

FPID # 437320-1-52-01			
SR115 FROM SOUTEL DRIVE TO NASSAU C/L			
	LF on Deposit	Bid Costs	WO#4
56-01 Water	\$ 641,167.00	\$ 950,000.00	\$ 308,833.00
56-01 Wastewater	\$ 318,040.00	\$ 458,000.00	\$ 139,960.00
	\$ 959,207.00	\$ 1,408,000.00	\$ 448,793.00
Contingency	\$ 95,920.70	\$ 140,800.00	\$ 44,879.30
Total 56-01	\$ 1,055,127.70	\$ 1,548,800.00	\$ 493,672.30
66-01	\$ 47,960.35	\$ 70,400.00	\$ 22,439.65
52-01 MOT	\$ 287,868.02	\$ 515,320.01	\$ 227,451.99
52-01 MOB		\$ 150,000.00	\$ 150,000.00
C2-06	\$ -	\$ -	\$ -
Total cost	\$ 1,390,956.07	\$ 2,284,520.01	\$ 893,563.94
Difference		\$ (893,563.94)	Amount Due

Exhibit “A”

Scope of Work

FDOT FPID# 437320-1-56-01:

The cost within this Agreement reflects the revised construction costs based on Bid Reconciliation for JEA Water & Sewer’s relocation work to accommodate FDOT’s construction along State Road 115.



Formal Bid and Award System

Award #11 February 16, 2023

Type of Award Request: AMENDMENT TO AWARD
Requestor Name: Jessica Keeler
Requestor Phone: (904)665-6403
Project Title: Pole Line Hardware Solicitation
Project Number: Various
Project Location: JEA
Funds: Inventory Blanket Account
Business Unit Estimate: \$16,017,598.76

Scope of Work:

The purpose of this amendment is to add two additional vendors and change the total amount awarded to each vendor. The purpose of this Invitation for Bid was to solicit pricing for Pole Line Hardware for JEA Inventory Stock which collectively consist of seven hundred and fifty-three (753) items. Pole line hardware consists of equipment to materials to maintain, repair and replace distribution infrastructure. The scope includes but is not limited to; cables, guy wires, arrestors, insulators, brackets, mounts, bolts, clamps, clevises, connectors, fuses, guards, cutouts, grips, nuts, bolts, washers, sleeves, splices, staples, sealants, lubricants, anchors, extensions, clamps, ties, covers, deadends, enclosures, grips, hooks, corona rings, reclosers, grounds and padmount switchgears. During the last twelve (12) months, the commodity spend for the items found in this solicitation was \$17,674,069.16. At the time of bid release, the inventory balance for the items found in this solicitation was \$10,033,957.50. The average lead time for these items was between two and thirty-six (2-36) weeks.

JEA IFB/RFQ/State/City/GSA#: 1410980846-23
Purchasing Agent: Eddie Bayouth
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Vendor Contact	Email	Address	Phone	Amount
ANIXTER	Renee Lackey	Renee.lackey@anixter.com	3881 Old Winter Garden Rd Orlando, FL 32805	352-408-3898	\$3,740,036.48
CHOCTAW-KAUL DISTRIBUTION	Charles Naso	cnasochoctawkaul.com	3540 Vinewood Street, Detroit, MI 48208-2363	734-564-1945	\$303,641.89
ELECTRIC SUPPLY, INC.	Leo Velez	Leo.velez@electricupplyinc.com	4407 North Manhattan Ave. Tampa, FL 33614	813-879-0049	\$335,349.18
GRESKO SUPPLY, INC.	Chris Therien	Christopher.therien@gresco.com	6421 CR 219 Wildwood, FL 34785	352-748-9550	\$2,574,612.81
IRBY UTILITIES	Erich Ewoldt	ewoldt@irby.com	38 Skyline Dr., Ste 100 Lake Mary, FL 32746	407-415-6268	\$9,570,127.13

TRI-STATE UTILITY PRODUCTS, INC.	David Dampier	ddampier@tsup.co m	160 Garrett Dr. Havana, FL 32333	800- 782- 3161	\$167,758.15
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Amount for entire term of Contract/PO: \$16,691,525.64
Award Amount for remainder of this FY: \$12,603,704.29
Length of Contract/PO Term: One (1) Year with Two (2) 1-Year Renewals
Begin Date (mm/dd/yyyy): 01/26/2023
End Date (mm/dd/yyyy): 01/25/2024
Renewal Options: Two (2) 1-Year Renewals
JSEB Requirement: N/A – Optional

BIDDERS:

Name	Number of Items Bid	Bid Value	Number of Items Originally Won	Amount of Items Originally Won	New Number of Items Won	New Amount of Items Won
ANIXTER	689	\$16,060,799.40	385	\$3,881,859.01	371	\$3,740,036.48
CHOCTAW-KAUL DISTRIBUTION	146	\$4,296,807.69	0	\$0.00	17	\$303,641.89
ELECTRIC SUPPLY, INC.	113	\$3,921,925.75	0	\$0.00	16	\$335,349.18
GRESKO SUPPLY, INC.	154	\$9,945,847.21	31	\$2,574,612.81	31	\$2,574,612.81
IRBY UTILITIES	667	\$16,538,689.62	265	\$10,180,393.30	251	\$9,570,127.13
TRI-STATE UTILITY PRODUCTS, INC.	451	\$14,738,420.90	40	\$168,073.93	35	\$167,758.15
		Totals	721	\$16,804,939.05	721	\$16,691,525.64

Background/Recommendations:

This award was originally approved by the Awards Committee on 01/26/2023.

Derived from how Zycus (JEA's iProcurement platform) displayed bid results, and the complexity of the bid driving the need to analyze the proposals offline, the responses of two vendors were overlooked during the bid analysis. The oversight was discovered shortly after the award was first approved and JEA has not issued any contracts or Blanket Purchase Agreements for this solicitation. By including the bids provided by Choctaw-Kaul Distribution and Electric Supply Inc., JEA will reduce its original estimated costs presented to the Award Committee by \$113,413.41. JEA will also be diversifying its vendors for this commodity by adding Choctaw-Kaul Distribution who is a new vendor to JEA and a minority vendor. All other suppliers originally proposed

work has been reduced as line-by-line offsets for work now assigned to the lowest cost vendor. It should be noted that internal local work instructions have been revised to eliminate opportunities for failure in the future.

Request approval to reduce the contracts to Anixter in the amount of \$141,822.53, Irby Utilities in the amount of \$610,266.17 and Tri-State Utility Products, Inc. in the amount of \$315.78, and award contracts to Choctaw-Kaul Distribution in the amount \$303,641.89 and Electric Supply, Inc. in the amount of \$335,349.18, for Pole Line Hardware carried in JEA's inventory stock for a total amount of \$16,691,525.64 subject to the availability of lawfully appropriated funds.

Manager: Kenny Pearson – Procurement Category Manager
Director: Jenny McCollum – Director, Procurement Services and Inventory Planning
VP: Alan McElroy – VP Supply Chain & Operations Support

APPROVALS:

<u>Stephen Datz</u>	<u>2/16/2023</u>
Chairman, Awards Committee	Date

<u>Stephanie Nealy</u>	<u>2/16/2023</u>
Budget Representative	Date

Pole Line Hardware Solicitation 1410980846-23 Bid Analysis Summary
Original Summary

Number of Items	753
Number of Items bid	721
Number of no bid Items	32

Vendor	Total Bid	Items Bid	Items won	Value of Items Won
Tri-State Utility Products Inc.	\$ 14,738,420.90	451	40	\$ 168,073.93
GRESKO	\$ 9,945,847.21	154	31	\$ 2,574,612.81
Axotex	\$ 16,060,799.40	689	385	\$ 3,881,859.01
Stuart C. Irby	\$ 16,538,689.62	667	265	\$ 10,180,393.30
Totals:		721		\$ 16,804,939.05

Number of Items with Price decreases	251
Number of Items with Price Increases	466
Number of items with no price change	4
Total	721

Cost for Items	\$ 16,804,939.05
Last Price Paid	\$ 16,017,598.76
Price Increase	\$ 787,340.29
% Price Increase	4.915%

Revised Summary

Number of Items	753
Number of Items bid	721
Number of no bid Items	32

Vendor	Total Bid	Items Bid	Items won	Value of Items Won	Difference	Difference in Items Won
Tri-State Utility Products Inc.	\$ 14,738,420.90	451	35	\$ 167,758.15	\$ (315.78)	-5
GRESKO	\$ 9,945,847.21	154	31	\$ 2,574,612.81	\$ -	0
Axotex	\$ 16,060,799.40	689	371	\$ 3,740,036.48	\$ (141,822.53)	-14
Stuart C. Irby	\$ 16,538,689.62	667	251	\$ 9,570,127.13	\$ (610,266.17)	-14
Choctaw-Kaul Distribution	\$ 4,296,807.69	146	17	\$ 303,641.89	\$ 303,641.89	
Electric Supply, Inc.	\$ 3,921,925.75	113	16	\$ 335,349.18	\$ 335,349.18	
Totals:		721		\$ 16,691,525.64	\$ (113,413.41)	-33

Number of Items with Price decreases	276
Number of Items with Price Increases	441
Number of items with no price change	4
Total	721

Cost for Items	\$ 16,691,525.64
Last Price Paid	\$ 16,017,598.76
Price Increase	\$ 673,926.88
% Price Increase	4.207%

Award Reduction	\$ 113,413.41	0.67%
Minority Vendor Spend	\$ 303,641.89	1.82%



Formal Bid and Award System

Award #12 February 16, 2023

Type of Award Request: SINGLE SOURCE/RATIFICATION
Requestor Name: Keeler, Jessica – Manager, Procurement Inventory Control
Requestor Phone: (904) 665-6403
Project Title: Electric Meters for JEA Inventory Stock
Project Number: Various
Project Location: JEA
Funds: Inventory Blanket
Business Unit Estimate: \$31,646,648.00

Scope of Work:

The purpose of this award is for the purchase of electric meters that are carried in JEA's inventory stock. This award includes twenty-one (21) line items and their primary application is to measure electric consumption by JEA electric customers. These items are utilized by the Electric Meter Services department on a regular basis. Current inventory balance is \$713,344.66, and our annual usage average is \$2,479,389.81. The current lead time for these electric meters is one (1) year.

JEA IFB/RFP/State/City/GSA#: N/A
Purchasing Agent: Eddie Bayouth
Is this a Ratification?: YES/\$2,378,880.00

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
LANDIS+GYR TECHNOLOGY, INC.	David Dampier	ddampier@tsup.com	C/O Tri-State Utility Prod Inc. 160 Garrett Dr. Havana FL 32333	(800) 782-3161	\$31,646,648.00

Amount for entire term of Contract/PO: \$31,646,648.00
Award Amount for remainder of this FY: \$4,219,553.07
Length of Contract/PO Term: Four (4) Years Eleven (11) Months
Begin Date (mm/dd/yyyy): 02/17/2023
End Date (mm/dd/yyyy): 12/31/2027
Renewal Options: None
JSEB Requirement: N/A – Standard

Background/Recommendations:

Landis+Gyr Technology, Inc. is currently the only manufacturer approved by JEA Standards for electric meters used throughout the JEA service area. These meters are currently the only meters capable of communicating on the RF Mesh network that provides the meter reads to bill all of the JEA electric customers and the only meters able to connect to the Automated Metering Infrastructure (AMI) also, provided by Landis+Gyr Technology, Inc. JEA has been working exclusively with Landis+Gyr Technology, Inc. for electric meter services since 2001.

Pursuant to section 3 – 112 of the Purchasing Code & Organization Procedures; A Contract may be awarded for Supplies or Services as a Single Source when, pursuant to the Operational Procedures, the Chief Procurement Officer determines that:

(b) the Supplies or Services must be a certain type, brand, make or manufacturer due to the criticality of the item or compatibility within a JEA utility system, and such Supplies or Services may not be obtained from multiple sources such as distributors;

JEA solicited pricing from Landis+Gyr Technology, Inc. to provide inventory replenishment for FY24 through FY28 based on expected demand. Even though this is an approximately five (5) year contract, Planning included FY29 usage in the estimated quantities based on the long lead times for the electric meters (approximately fifty (50) weeks). If these lead times continue to increase, JEA will have to order FY29 meters over a year in advance to ensure stock is available at beginning of FY29.

Electric Meter Services calculates projected meter needs based on existing meters in service. JEA currently has about 515K electric meters within the network. Electric Meter Services projects a need for annual replacement of 3.0% of the existing meters (1.6% for manufacturing defects and 1.4% for replacements for other failures such as customers tampering with meters). Additionally, they also project that there will be a 2.6% growth for new meters installs in the network. For FY23, a projected need of 28,840 meters is needed to meet these needs in addition to the meters needed to replenish inventory stocks. JEA has had significant stores of meters for the previous few years driven from excess inventory after the JEA conversion of electric meters from one-way metering to two-way metering. Additionally, given all meters within the network were new, failures were low and all within warranty. Over the life of this contract, which covers FY24 through FY29 needs, JEA estimates it will need to purchase over 234K meters. Pricing provided by vendor has increased by less than 1% since the last pricing update in March of 2022. The ratification amount is for a purchase order placed, but material not delivered or paid for, in advance of this award approval to ensure delivery in FY24 in the amount of \$2,378,880.00.

Request approval to award a contract to Landis+Gyr Technology, Inc. for electric meters in the amount of \$31,646,648.00, subject to the availability of lawfully appropriated funds.

Manager: Kenny Pearson – Procurement Category Manager
Director: McCollum, Jenny – Director, Procurement Services
VP: McElroy, Alan – VP Supply Chain & Operations Support

APPROVALS:

Stephen Datz 2/16/2023

Chairman, Awards Committee **Date**

Stephanie Nealy 2/16/2023

Budget Representative **Date**

Item ID	Description	Previous Meters (being replaced) OHQ	Meter Shop Projections					OHQ 2/6	Demand	est. Usage 2028 - 2029 order in 2027 & 2028)	OHQ - (project+demand+ usage)	Shortfall After PO (Neg #)	Max	Total Needs	Total Needs W/LM	Negotiated Pricing (nathan's doc)	Est. Cost	Lot Multiplier	PO Quantity
			2023 (Current POs to meet need due to Lead time)	2024 Order in 2023	2025 Order in 2024	2026 Order in 2025	2027 Order in 2026												
METGS001	**TEST REQD** METER WATTHOUR SMART 2-WAY FORM 1S TYPE FOCUS AX-SD SELF-CONTAINED SINGLE PHASE 2-WIRE DEMAND LOAD PROFILE W/ REMOTE SVC DISCONNECT GRIDSTREAM RF W/ ZIGBEE COMPATIBILITY 120 V 15 AMP CL100 OPTICAL PORT COVER JEA SPEC REQUIRED	0	0	0	0	0	0	68	0	6.857142857	61.14285714	61.14285714	8	0	0	128	\$0.00	4	0
METGS002	**TEST REQD** METER WATTHOUR SMART 2-WAY FORM 2S TYPE FOCUS AX-SD SELF-CONTAINED SINGLE PHASE 3-WIRE DEMAND LOAD PROFILE W/ REMOTE SVC DISCONNECT GRIDSTREAM RF W/ ZIGBEE COMPATIBILITY 240 V 30 AMP CL200 OPTICAL PORT COVER. JEA SPEC REQUIRED	0	19198	24192	28800	34560	41472	0	0	74505.6	-203529.6	-175401.6	20928	196329.6	196416	118	\$23,177,088.00	96	28128
METGS003	**TEST REQD** METER SMART TYPE FOCUS AX FORM 3S TRANSFORMER RATED SINGLE PHASE 2-WIRE CLASS 20 2.5 AMPS, 240 VOLT, WITH GRIDSTREAM 2-WAY RF AND ZIGBEE CAPABILITY. OPTICAL PORT/DEMAND RESET COVER. 4 PER BOX (JEA SPECIFICATION REQUIRED)	0	0	0	0	0	0	96	0	163.2	-67.2	-67.2	24	91.2	92	104	\$9,568.00	4	0
METGS012	**TEST REQD** METER WATTHOUR SMART 2-WAY FORM 12S TYPE FOCUS AX-SD SELF-CONTAINED SINGLE PHASE 3-WIRE DEMAND LOAD PROFILE W/REMOTE SVC DISCONNECT GRIDSTREAM RF W/ZIGBEE COMPATIBILITY 120 V 30 AMP CL200 OPTICAL PORT COVER.JEA SPEC REQUIRED	0	2888	3456	3456	4608	4608	0	0	5577	-21705	-15945	4896	20841	20928	193	\$4,039,104.00	96	5760
METGS302	**TEST REQD** METER, WATTHOUR, SMART 2-WAY , FORM 2SE, TYPE FOCUS AX, SELF-CONTAINED, SINGLE PHASE, 3-WIRE, DEMAND LOAD PROFILE, GRIDSTREAM RF W/ ZIGBEE COMPATIBILITY, 240 VOLT, 50 AMP, CL320, OPTICAL PORT/RESET COVER. JEA SPEC REQUIRED	0	480	480	576	576	576	0	101	851.2	-3160.2	-2680.2	288	2968.2	2972	104	\$309,088.00	4	480
METGS401	**TEST REQD** METER WATTHOUR SMART TYPE S4X FORM 1S SELF-CONTAINED SINGLE PHASE 2-WIRE CLASS 100 15 AMPS 120-480 VOLT GRIDSTREAM 2-WAY RF W/ZIGBEE CAPABILITY. OPTICAL PORT/DEMAND RESET COVER. 4 PER BOX (JEA SPECIFICATION REQUIRED)	0	0	0	0	0	0	0	0	6	-6	2	4	2	2	290	\$580.00	1	8
METGS402	** TEST REQD** METER WATTHOUR SMART TYPE S4X FORM 2S SELF-CONTAINED SINGLE PHASE 3-WIRE CLASS 200 30 AMPS 240/480 VOLT GRIDSTREAM 2-WAY RF W/ ZIGBEE CAPABILITY. OPTICAL PORT/DEMAND RESET COVER. 4 PER BOX (JEA SPECIFICATION REQUIRED)	0	11	96	96	0	0	16	0	6.857142857	-182.8571429	-182.8571429	16	198.8571429	199	290	\$57,710.00	1	0
METGS405	**TEST REQD**METER WATTHAOUR SMART TYPE S4X FORM 5S TRANSFORMER RATED POLY PHASE 3-WIRE CLASS 20 2.5 AMPS 120-480 VOLT GRIDSTREAM 2-WAY RF W/ ZIGBEE CAPABILITY. OPTICAL PORT/DEMAND RESET COVER. 4 PER BOX (JEA SPECIFICATION REQUIRED)	12	26	48	0	48	0	8	0	89.6	-177.6	-137.6	36	173.6	174	290	\$50,460.00	1	28
METGS406	*TEST REQ* METER, SMART, TYPE RXR S4X, FORM 6S, TRANSFORMER RATED, POLY PHASE, 4-WIRE, Z-COIL, CLASS 20, 2.5 AMPS, 120-480 VOLT, WITH GRIDSTREAM 2-WAY RF AND ZIGBEE CAPABILITY. OPTICAL PORT/DEMAND RESET COVER. 4 PER BOX (JEA SPEC REQUIRED)	16	0	0	0	0	0	8	0	44.8	-36.8	-20.8	8	28.8	29	290	\$8,410.00	1	0
METGS409	**TEST REQD** METER WATTHOUR SMART TYPE S4X FORM 9S TRANSFORMER RATED POLY PHASE 4-WIRE CLASS 20 2.5 AMPS 120-480 VOLT GRIDSTREAM 2-WAY RF W/ ZIGBEE CAPABILITY. OPTICAL PORT/DEMAND RESET COVER. 4 PER BOX (JEA SPECIFICATION REQUIRED).	288	1152	1152	2304	2304	2304	60	0	1046.4	-9050.4	-7898.4	36	7934.4	7936	290	\$2,301,440.00	4	864
METGS412	**TEST REQD** METER, SMART, S4X, FORM 12S, SELF-CONTAINED, SINGLE/POLY PHASE, 3-WIRE, CLASS 200, 30 AMPS, 120-277 VOLT, W/ GRIDSTREAM 2-WAY RF AND ZIGBEE CAPABILITY. OPTICAL PORT/DEMAND RESET COVER. 4 PER BOX/96 PER PALLET (JEA SPEC REQD)	380	192	192	192	192	192	0	0	230.4	-998.4	-426.4	48	474.4	475	290	\$137,750.00	1	192
METGS416	**TEST REQD** METER WATTHOUR SMART TYPE S4X FORM 16S SELF-CONTAINED POLY PHASE 4-WIRE CLASS 200 30 AMPS 120-480 VOLT GRIDSTREAM 2-WAY RF W/ ZIGBEE CAPABILITY. OPTICAL PORT/DEMAND RESET COVER. 4 PER BOX (JEA SPECIFICATION REQUIRED).	0	374	480	480	480	480	199	0	1289.6	-3010.6	-2722.6	288	3010.6	3012	290	\$873,480.00	4	288
METGS502	*TEST REQD*METER, SMART, TYPE RXR S4X, FORM 2S, SELF-CONTAINED, SINGLE PHASE, 3-WIRE, CLASS 320, 50 AMPS, 240/480 VOLT, WITH GRIDSTREAM 2-WAY RF AND ZIGBEE CAPABILITY. OPTICAL PORT/DEMAND RESET COVER. 4 PER BOX (JEA SPECIFICATION REQUIRED)	0	1	48	48	48	48	12	0	12.8	-192.8	-192.8	4	196.8	197	300	\$59,100.00	1	0
METGS516	*TEST REQD* METER, SMART, TYPE RXR S4X, FORM 16S, SELF-CONTAINED, POLY PHASE, 4-WIRE, CLASS 320, 50 AMPS, 120-480 VOLT, WITH GRIDSTREAM 2-WAY RF AND ZIGBEE CAPABILITY. OPTICAL PORT/DEMAND RESET COVER. 4 PER BOX (JEA SPECIFICATION REQUIRED)	0	192	384	384	384	384	0	0	409.6	-1945.6	-1753.6	192	1945.6	1946	300	\$583,800.00	1	192
METGS602	**TEST REQD** METER SMART TYPE FOCUS AXe FORM 2K SELF-CONTAINED K-BASED SINGLE PHASE 3-WIRE CLASS 480 50 AMPS 240 VOLT WITH GRIDSTREAM 2-WAY RF AND ZIGBEE CAPABILITY. OPTICAL PORT/DEMAND RESET COVER.1 PER BOX (JEA SPEC REQUIRED)	0	0	0	0	0	0	2	0	3.2	-1.2	-1.2	2	3.2	4	239	\$956.00	1	0
METGS612	*TEST REQD*METER, SMART, TYPE RXR S4X, FORM 12K, SELF-CONTAINED, K-BASED, POLY PHASE, 3-WIRE, CLASS 480, 50 AMPS, 120-480 VOLT, WITH GRIDSTREAM 2-WAY RF AND ZIGBEE CAPABILITY. OPTICAL PORT/DEMAND RESET COVER. 1 PER BOX (JEA SPEC REQUIRED)	0	0	0	0	0	0	16	0	0	16	16	8	0	0	405	\$0.00	1	0
METGS616	**TEST REQD** METER WATTHOUR SMART 2-WAY FORM 16K TYPE E650 S4X RXR SELF-CONTAINED K-BASE POLYPHASE 4-WIRE DEMAND LOAD PROFILE GRIDSTREAM RF W/ ZIGBEE COMPATIBILITY, 120-480 VOLT, 50 AMP, CL480, OPTICAL PORT/RESET COVER. JEA SPEC REQUIRED	0	198	30	30	30	30	198	0	134.4	-56.4	-56.4	8	64.4	90	405	\$36,450.00	30	0
METGS802	ON HOLD- **TEST REQD**METER WATTHOUR SMART TYPE FOCUS AX FORM 2S PHOTOVOLTAIC SELF-CONTAINED SINGLE PHASE 3-WIRE CLASS 200 30 AMPS 240 VOLT GRIDSTREAM 2-WAY RF W/ ZIGBEE CAPIBILITY. OPTICAL PORT/DEMAND RESET COVER. 4 PER BOX (JEA SPEC RQRED)	0	0	0	0	0	0	0	0	329.1428571	3966.857143	3966.857143	0	0	0	93	\$0.00	1	0

METGS901	**TEST REQD** METER, SMART, TYPE FOCUS AX, FORM 1S, SELF-CONTAINED, SINGLE PHASE, 2-WIRE, CLASS 100, 15 AMPS, 120 VOLT, WITH GRIDSTREAM 2-WAY RF AND ZIGBEE CAPABILITY. OPTICAL PORT COVER. 4 PER BOX (JEA SPECIFICATION REQUIRED)	0	0	0	0	0	0	8	0	16	-8	-8	8	16	16	104	\$1,664.00	4	0
METGS902	**TEST REQD** METER SMART TYPE FOCUS AX FORM 2S SELF-CONTAINED SINGLE PHASE 3-WIRE CLASS 200 30 AMPS 240 VOLT W/GRIDSTREAM 2-WAY RF AND ZIGBEE CAPABILITY. OPTICAL PORT/DEMAND RESET COVER. 4 PER BOX/96 PER PALLET (JEA SPECIFICATION REQUIRED)	0	0	0	0	0	0	4296	0	3291.428571	1004.571429	1004.571429	288	0	0	93	\$0.00	4	0
METGS912	**TEST REQD** METER SMART TYPE FOCUS AX FORM 12S SELF-CONTAINED SINGLE/POLY PHASE 3 WIRE CLASS 200 30 AMPS 120-277 VOLT W/GRIDSTREAM 2 WAY RF AND ZIGBEE CAPABILITY OPTICAL PORT DEMAND/RESET COVER. 4 PER BOX/96 PER PALLET (JEA SPECIFICATION	0	0	0	0	0	0	380	0	0	380	380	192	0	0	204	\$0.00	96	0
TOTAL															234488		\$31,646,648.00		

*New version of electric meters were added into inventory over the past year. Old stock will be depleted prior to use of the new meters.
The following shows which old meters are being replaced.

- METGS005 - replaced with METGS405
- METGS006 - replaced with METGS406
- METGS009 - replaced with METGS409
- METGS016 - replaced with METGS416
- METGS316 - replaced with METGS516
- METGS912 - replaced with METGS412



Formal Bid and Award System

Award #13 February 16, 2023

Type of Award Request: INVITATION FOR BID
Requestor Name: Chad Yeager - Associate Manager, Investment Recovery Operations
Requestor Phone: (904) 665-8735
Project Title: Dielectric PPE Testing Equipment
Project Number: 8008532 (PA23E-WSSC GLOVE LAB-TESTER)
Project Location: JEA
Funds: Capital
Business Unit Estimate: \$354,000.00

Scope of Work:

The purpose of this Invitation for Bid (IFB) is to buy Dielectric Personal Protective Equipment (PPE) testing equipment to test dielectric gloves, sleeves, blankets, line hoses and hot sticks. This testing process ensures the safety of personnel using JEA issued PPE and supports JEA's core value of Safety.

JEA IFB/RFQ/State/City/GSA#: IFB 0127-23
Purchasing Agent: Eddie Bayouth
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Vendor Contact	Email	Address	Phone	Amount
HANCO INTERNATIONAL	Terry Bast	tcbast@hanco.com	1605 Waynesburg Dr SE Canton, OH 44707	330-456-4728	\$354,000.00

Amount for entire term of Contract/PO: \$354,000.00
Award Amount for remainder of this FY: \$0.00
Length of Contract/PO Term: One-Time Purchase
Begin Date (mm/dd/yyyy): 02/16/2023
End Date (mm/dd/yyyy): One-Time Purchase (Expected 01/31/2025)
JSEB Requirement: N/A

BIDDERS:

Name	Amount
HANCO INTERNATIONAL	\$354,000.00
PHENIX TECHNOLOGIES, INC.	\$529,960.00

Background/Recommendations:

This solicitation was advertised on 01/30/2023. At bid opening on 02/07/2023, JEA received two (2) bids.

There are only two approved vendors, Hanco International and Phenix Technologies, Inc. that can provide dielectric PPE testing equipment that meets JEA testing requirements. Hanco's Equipment quote is \$176,960.00 less expensive than the Phenix equipment, based on the quotes provided by each vendor. Hanco International can meet those requirements using only three (3) pieces of equipment, rather than the five (5) pieces of equipment that Phenix requires. In addition to Hanco's products being more cost effective, it also provides a more efficient way of testing JEA's dielectric PPE.

Hanco International's lead time for this equipment is two (2) years. While longer than Phenix equipment, this equipment is intended to be used in the new glove lab that is currently under construction and is projected to be completed within the next two (2) years, so the longer lead-time can be supported.

Request approval to award a contract to Hanco International for the purchase of Dielectric PPE Testing Equipment for a total amount of \$354,000.00, subject to the availability of lawfully appropriated funds.

Manager: Robert Robinson – Mgr Investment Recovery & Warehouse Operations
VP: Alan McElroy – VP Supply Chain & Operations Support

APPROVALS:

<u>Stephen Datz</u>	<u>2/16/2023</u>
Chairman, Awards Committee	Date

<u>Stephanie Nealy</u>	<u>2/16/2023</u>
Budget Representative	Date

IFB 0127-23 Dielectric PPE Testing Equipment Bid Analysis								
Vendor Name:	PHENIX TECHNOLOGIES, INC. USA					Total Proposed Bid Price	\$529,960.00	
JEA Item ID	Item Description	Mfg. Name & Mfg. Part Number	Quoted Mfg. & Part Number	UOM	Total Needed	Unit Price	Total Proposed Price	Lead Time: In Calendar Days After Receipt of Order
1.31	Dielectric PPE Testing Equipment as specified in Appendix A, Technical Specification.	Phenix Technologies RG6-12G Glove/Sleeve Tester	Proposal DS-15789-2	Set	1	\$ 166,820.00	\$166,820.00	36-42 WKS ARO
1.32	Dielectric PPE Testing Equipment as specified in Appendix A, Technical Specification.	Phenix Technologies RG6-8B Blanket Tester	Proposal DS-15787-2	Set	1	\$ 163,140.00	\$163,140.00	36-42 WKS ARO
1.33	Dielectric PPE Testing Equipment as specified in Appendix A, Technical Specification.	Phenix Technologies RG6-6H-6S21 Hose/Hood/Stick Tester	Proposal DS-15791-2	Set	1	\$ 200,000.00	\$200,000.00	36-42 WKS ARO
TOTAL ALL ITEMS							\$529,960.00	

Vendor Name:	HANCO International					Total Proposed Bid Price	\$354,000.00	
JEA Item ID	Item Description	Mfg. Name & Mfg. Part Number	Quoted Mfg. & Part Number	UOM	Total Needed	Unit Price	Total Proposed Price	Lead Time: In Calendar Days After Receipt of Order
N/A	Dielectric PPE Testing Equipment as specified in Appendix A, Technical Specification.	HANCO International Models GT5012, 12 Position Glove/Sleeve Tester, BTP504-36", 4 Drawer 36" Max. Blanket Tester, HHSJP502-21', 2 Position Switch Stick and 6 Position Hose & Hood Combination Tester 21' Long each with their own Power Control Panel for complete independent testing. Price includes delivery to JEA new Test Lab Facility in Jacksonville, FL from our Factory here in Canton, Ohio.	HANCO International & SAME	Set	1	\$ 354,000.00	\$354,000.00	730 Max.



Formal Bid and Award System

Award #14 February 16, 2023

Type of Award Request: CONTRACT INCREASE
Requestor Name: Keeler, Jessica C. - Mgr Procurement Inventory Control
Requestor Phone: 904-665-6403
Project Title: Material Planning Support
Project Number: HEA0501
Project Location: JEA
Funds: O&M
Budget Estimate: N/A

Scope of Work:

JEA requests to award a contract increase to Blue Burro/ProcureAbility, for Material Planning gap analysis and support services. The company will provide advisory services to review current processes and procedures, then create a plan to close those gaps with clear delineation of roles between procurement, inventory, and warehousing functions. They will also provide analytical support to build inventory models and planning tools to better account for lead times and demand for inventory control, and augment the team as needed to support staff.

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

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Amount
BLUE BURRO TECHNOLOGY, LLC	Chris Martoglio	cmartoglio@bburro.com	4624 S Whooping Crane Lane Bloomington, IN 47403	\$667,000.00

Amount of Original Award: \$705,000.00
Date of Original Award: 09/15/2022
Change Order Amount: \$667,000.00
New Not-To-Exceed Amount: \$1,372,000.00
Award Amount for remainder of this FY: \$667,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 09/19/2022
End Date (mm/dd/yyyy): Project Completion (Estimated September 2023)
JSEB Requirement: N/A – Single Source

Background/Recommendations:

Originally awarded and approved by the Awards Committee on 09/15/2022 to Blue Burro for material planning support, in the amount of \$705,000.00. In December of 2022, a contract name change was completed from Blue Burro, Inc. to Blue Burro Technology, LLC. The previous award is attached as backup.

This contract increase is for the continued partnership for Phase 3 with Blue Burro/ ProcureAbility, in which Phases 1 and 2 (original scope completed) were to provide consulting services to assist with building a new organizational element to identify gaps in Inventory Control required skills and capabilities and to create a plan to close those gaps, with clear delineation of roles between procurement, inventory and warehousing functions. The summary and proposal have been attached as backup.

Phase 3 will begin the implementation phase of the project and will include implementing per the organization roadmap and structure developed in Phases 1 and 2, including standing up new roles, finalizing handbooks and toolkits for new roles, implementing metrics and KPIs for new roles, implementing new processes, and assessing to identify training and development opportunities within the team. Phase 3 will also include ongoing change management support, support in executing remaining non-organization recommendations, and operational support for critical new roles until filled by JEA. These activities will occur over approximately seven months. The cost for Phase 3 will total \$667,000.00. Travel expenses will follow the JEA procedure at no more than 10% of the total contract, if needed.

Request approval to award a contract increase to Blue Burro Technology, LLC for material planning support for a total amount of \$667,000.00, for a new not-to-exceed amount of \$1,372,000.00, subject to the availability of lawfully appropriated funds.

Manager: Keeler, Jessica C. - Mgr Procurement Inventory Control
Director: McCollum, Jenny G. - Dir Procurement Services
VP: McElroy, Alan D. - VP Supply Chain & Operations Support

APPROVALS:

Stephen Datz 2/16/2023

Chairman, Awards Committee **Date**

Stephanie Nealy 2/16/2023

Budget Representative **Date**



Formal Bid and Award System

Award #5 September 15, 2022

Type of Award Request: SINGLE SOURCE
Requestor Name: Keeler, Jessica C. - Mgr Procurement Inventory Control
Requestor Phone: 904-665-6403
Project Title: Material Planning Support
Project Number: HEA0501
Project Location: JEA
Funds: O&M
Budget Estimate: N/A

Scope of Work:

JEA requests to award a Single Source contract to Blue Burro/ProcureAbility, for Material Planning gap analysis and support services. The company will provide advisory services to review current processes and procedures, then create a plan to close those gaps with clear delineation of roles between procurement, inventory, and warehousing functions. They will also provide analytical support to build inventory models and planning tools to better account for lead times and demand for inventory control, and augment the team as needed to support staff.

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

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Amount
BLUE BURRO	Chris Martoglio	cmartoglio@bburro.com	113 East 6th Street Bloomington, IN 47408	\$705,000.00

Amount for entire term of Contract/PO: \$705,000.00
Award Amount for remainder of this FY: \$100,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 09/19/2022
End Date (mm/dd/yyyy): Project Completion (Estimated March 2023)
JSEB Requirement: N/A – Single Source

Background/Recommendations:

In August, 2020, JEA issued RFP 99696 for Procurement Process Improvement Consulting Services. The scope of work was to identify a consultant, firm/expert to assist with the development and implementation of a comprehensive process improvement plan to review the current JEA procurement and Standards Committee processes, Florida statutes, evaluate and benchmark against other municipal procurement processes and develop a report with recommendations for JEA of the findings. The plan focused on ensuring that JEA utilized efficient, fair and equitable municipal practices while maintaining transparency, achieving a competitive environment reaching as many Companies as possible. JEA awarded the work to Blue Burro/ProcureAbility in October, 2020 in the amount of \$59,500.00.

This request is to partner with Blue Burro/ProcureAbility as a single source to provide consulting services to assist with building a new organizational element under Inventory Control to identify gaps, required skills and capabilities and create a plan to close those gaps, with clear delineation of roles between procurement, inventory and warehousing functions. Blue Burro/ProcureAbility has critical knowledge of the JEA procurement process and has worked with JEA extensively on process improvement. Their tribal knowledge allows them to step in and hit the ground running without delays, which is critical due to the immediate need driven by supply chain disruptions, to get the assessment completed in a timely manner. The summary and proposal have been attached as backup.

The work will be comprised of an assessment phase and an implementation phase. The assessment phase will identify gaps followed by a period to drive improvements in steady state operations to deliver the support JEA needs in the short term. This will occur over approximately 4 weeks at a cost of \$137,000.00. After the assessment, they will provide resources with appropriate oversight to support JEA's immediate staffing needs. They will provide analytical support to build inventory models and planning tools to better account for lead times and demand. The implementation phase will begin as phase 2 and will take approximately 5 months at a cost of \$568,000.00 for a total NTE of \$705,000.00. Travel expense will follow the JEA procedure at no more than 10% of the contract total, if needed.

Request approval to award a single source contract with ProcureAbility to Material Planning Support in the amount of \$705,000.00, subject to the approval of lawfully appropriated funds.

Manager: Keeler, Jessica C. - Mgr Procurement Inventory Control
Director: McCollum, Jenny G. - Dir Procurement Services
VP: McElroy, Alan D. - VP Supply Chain & Operations Support
Chief: Phillips, Ted B. - Chief Financial Officer

Type text here

APPROVALS:

Stephen Datz 9/15/2022

Chairman, Awards Committee **Date**

Stephanie M Healy 9/15/2022

Budget Representative **Date**



ProcureAbility
YOUR PROCUREMENT EXPERTS

BlueBurro
PROCUREMENT

JEA

Procurement Organization Implementation and Operational Support

Change Order Summary
January 2023



ADVISORY



TALENT



ANALYTICS &
INTELLIGENCE



Contents

- Executive Summary
- Proposed Support Model
- Change Order Scope
- High Level Timeline & Deliverables
- Commercials
- Appendix



Executive Summary

In September 2022, JEA partnered with BlueBurro/ProcureAbility to conduct a Material Planning Gap Assessment and provide parallel operational support; the Assessment output key recommendations focused on Organization, Process, and Technology

Background

Gap Assessment – Summary of Key Recommendations:

1. Procurement Organization – Restructure teams to:

- Enhance analytics capacity and capabilities
- Clarify/separate tactical and strategic functions
- Enable enhanced Category Management, Strategic Sourcing, and Tactical Procurement

2. Process – Work with the business to develop:

- Overall Work Plan and baseline material forecast
- New Material Forecasting Model for development work

3. Technology – Improve data accuracy/visibility to enable real-time decision making, and leverage technology to streamline work processes

- Gather requirements and conduct an RFI to evaluate materials management tool capabilities, options, cost, and timing

Path Forward

With a targeted implementation *start* date in early March 2023, and a multi-wave Hiring Plan spanning more than 1 year, JEA Procurement will need support with the following through FY23:

- Organization Implementation, including standing up new roles, implementing new processes, and assessing to identify training and development opportunities within the team
- Ongoing Change Management support
- Support in executing the non-organization recommendations (e.g., Process, Technology)
- Operational support for critical new roles until filled by JEA – 1 Resource each to temporarily fill the following:
 - Category Management Specialist
 - Data Analytics Specialist
 - Material Planner

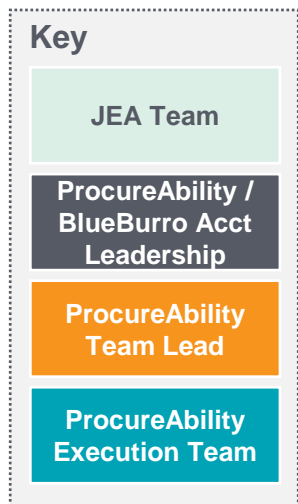
Operational Support – In parallel with the Assessment, the team has provided ongoing operational support including, but not limited to:

- ✓ Streamlined Development Model reporting (saving est. 2,000+ hours/year)
- ✓ Developed new Transformer Model to aid in inventory planning
- ✓ Developed a Distribution Transformer Category Strategy
- ✓ Supported add'l ad hoc requests including benchmarking, data analytics and recommendations, streamlining of reports, and other opportunities



Proposed Support model

In parallel with implementation of the refreshed organization structure, the Execution Team will shift to establishing up and providing execution support within the newly defined roles until transitioned to JEA employees, or otherwise staffed



Program Leadership:

- Program oversight and steering
- Provide training, support, and research access as needed
- Push team thinking and accountable for delivery
- Lead org. implementation and change management activities

Execution Team:

- Stand up and implement new roles and processes as part of the implementation of the refreshed Procurement organization structure
- Serve as temporary backfill for the assigned role until filled or otherwise staffed
- Refine/improve process maps, SOPs, and handbooks as appropriate
- Prior to rolling off, develop and execute transition plan for onboarding permanent resource(s), including any required training and/or temporary overlap
- *Reporting:* Execution Team Members will report day-to-day to the appropriate Team Lead or interim Team (see left), dependent on role (e.g., Material Planner will report to Inventory Control Manager for operational support, while still receiving oversight and support from ProcureAbility's Team Lead)



Change Order Scope of Work (High Level)

Program Leadership (Manager)

- Program oversight and steering
- Provide training, support, and research access as needed
- Push team thinking and accountable for delivery
- Lead org. implementation and change management activities
- *Provide ongoing implementation and change management support including, but not limited to:*
 - Development and execution of change management plans, communications plans, and stakeholder engagement
 - Administration of Skills Assessment; development of Training recommendations, development/coaching opportunities
 - Support refinement of handbooks, training materials, and training where needed
 - Oversight of successful role transitions from ProcureAbility to JEA

Execution Support (2 Analysts, 1 Consultant)

Stand up and implement new roles (see below) and processes as part of the implementation of the refreshed Procurement organization structure. Serve as a temporary backfill for the assigned role to JEA until filled or otherwise staffed. Refine/improve process maps, SOPs, and handbooks as appropriate. Prior to rolling off, develop and execute transition plan for onboarding permanent resource(s), including any required training and/or temporary overlap.

Category Management Specialist

- Develop Category Plans for key categories assigned
- Identify Procurement cost reduction, value creation, and risk mitigation, and other opportunities; Recommend strategic plans to deliver against
- Manage and support execution of recommended sourcing strategies, in partnership with Sr. Purchasing Agent and business, for assigned categories
- Regularly monitor the market for category leading practices and demand/supply shifts
- Assess, revamp, and improve key supplier relationships
- *Parallel Support: Support execution of Transformer Category Strategy*

Data Analytics Specialist

- Perform advanced analytics in support of JEA Procurement, identifying insights, trends, opportunities
- Lead data collection, cleansing, review, analysis
- Create and/or enhance dashboards to enable automated reporting and real-time access to insights
- Develop, manage, and own data models as assigned (e.g., inventory models, cost modeling, etc.)
- Develop key insights based on data and share with appropriate JEA stakeholders
- *Parallel Support: Support/lead Inventory Mgmt Tool RFI/Discovery and recommendation(s)*

Material Planner

- Lead analysis of historical usage, demand trends, market trends, seasonality, planned projects, and other factors influencing the Forecast
- Collaborate with the Business to set/maintain dynamic, demand driven EOQ parameters (e.g., min/max)
- Create accurate and realistic demand plans, including identifying demand patterns, trend changes, demand drivers, risks, and opportunities
- Develop and drive continuous improvements to models, forecasting techniques, and methods
- *Lead development of Baseline Materials Forecast*



DRAFT – High Level Timeline






Complete / Anticipated to be Complete by 2/28

* For new roles/specs
✓ Complete / Planned Completion by 2/28

2022 2023

Nov | Dec | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept

Deliverables

Org. Design												
Phase 1: Design Concept & Plan											✓ Organization Design ✓ High Level Roles & Responsibilities ✓ Draft Hiring Plan	
Phase 2: Develop Org. Roadmap Including Job Specifications, Change Management, Processes, Templates, and Metrics											• Job Specifications* • Handbooks, including Templates/Examples* • Metrics/KPIs* • Implementation Roadmap	
Phase 3: Org. Implementation • Kick Off Wave 1 Hiring & Implementation • Skills Assessments, Enhancement, Training											• Skills Assessment Delivery • Training/Development Recommendations • Ongoing Implementation Support	
Change Management Activities											• Change Management Plan • Execution Against Change Management Plan • Communications Support (Messaging, Facilitation)	
Operational Standup & Support												
• Category Management Specialist • Data Analytics Specialist • Material Planner											• Operational Day-to-Day Execution of Assigned Roles • Refinement (as needed) to Role Handbook(s) • New Templates (as relevant), SOPs, Examples	
Inv. Mgmt Tool RFI												
Lead/Support: • Develop RFI, Evaluate, Recommend Next Steps • <i>Dependent on Recomm:</i> Sourcing / Implement											• Recommendation on Next Steps for Tool to Support Inventory Management Needs (e.g., Tool Selection or Sourcing, if appropriate)	
Baseline Forecasting												
Lead: Develop Materials Forecast, Analyze OHQ, Orders against Forecast, Address any Gaps/Risks											• Baseline Materials Forecast • Identified Risks and/or Gaps • Redefined Storm Stock & Min/Max by Commodity	
TF Category Strategy												
Support: Develop & Conduct RFP, Eval. & Negotiations, Contracting & Implementation, Kick Off SRM											✓ Transformer Category Plan • Drive & Support Execution of Plan (e.g., RFP Development, Supplier Discussions, etc.)	

We are offering JEA a 10% Monthly Fixed Fee discount for utilization of ProcureAbility support through September 2023 to support JEA's needs

Estimated Total 7-Month Fees: \$667,000

Program Management & Organization Implementation (1 Manager)		
Organization Implementation Support, Change Management, and Program Leadership		
Month	Est. Utilization*	Monthly Fixed Fee
March 2023	100%	\$41K
April 2023	75%	\$32K
May 2023	50%	\$21K
June 2023	50%	\$21K
July 2023	25%	\$10K
August 2023	25%	\$10K
September 2023	25%	\$10K
Program Mgmt 7-Month Fees		\$146K

Execution Team (Operational Support) (2 Analysts, 1 Consultant)		
Daily operational support, stand up and temporary fill for new roles		
Month	Est. Utilization**	Monthly Fixed Fee
March 2023	100%	\$74K
April 2023	100%	\$74K
May 2023	100%	\$74K
June 2023	100%	\$74K
July 2023	100%	\$74K
August 2023	100%	\$74K
September 2023	100%	\$74K
Operational Support 7-Month Fees		\$521K

Travel & Expenses

If required, billed at actuals without markup and not to exceed 10% of fees

*Support may be adjusted as needed to meet JEA's needs

**As JEA hires for roles, ProcureAbility support may decline as work transitions to JEA



Appendix

- Commercial Fee Breakdown by Role
- Support Timeline by Role



Commercials by Role

Role	Monthly Rate	Assumed Utilization	Est. Total 7-Month Fees
Manager*	\$41,000 / Month <i>(pro-rated as utilization decreases)</i>	<ul style="list-style-type: none">• 100% through April 15• 50% April 16 – June 30• 25% June 30 – Sept 30	\$146,000 <i>(pro-rated for estimated utilization)</i>
Consultant	\$31,000 / Month	<ul style="list-style-type: none">• 100% through Sept 30	\$215,000
Analyst	\$22,000 / Month	<ul style="list-style-type: none">• 100% through Sept 30	\$153,000
Analyst	\$22,000 / Month	<ul style="list-style-type: none">• 100% through Sept 30	\$153,000

Total: \$667,000

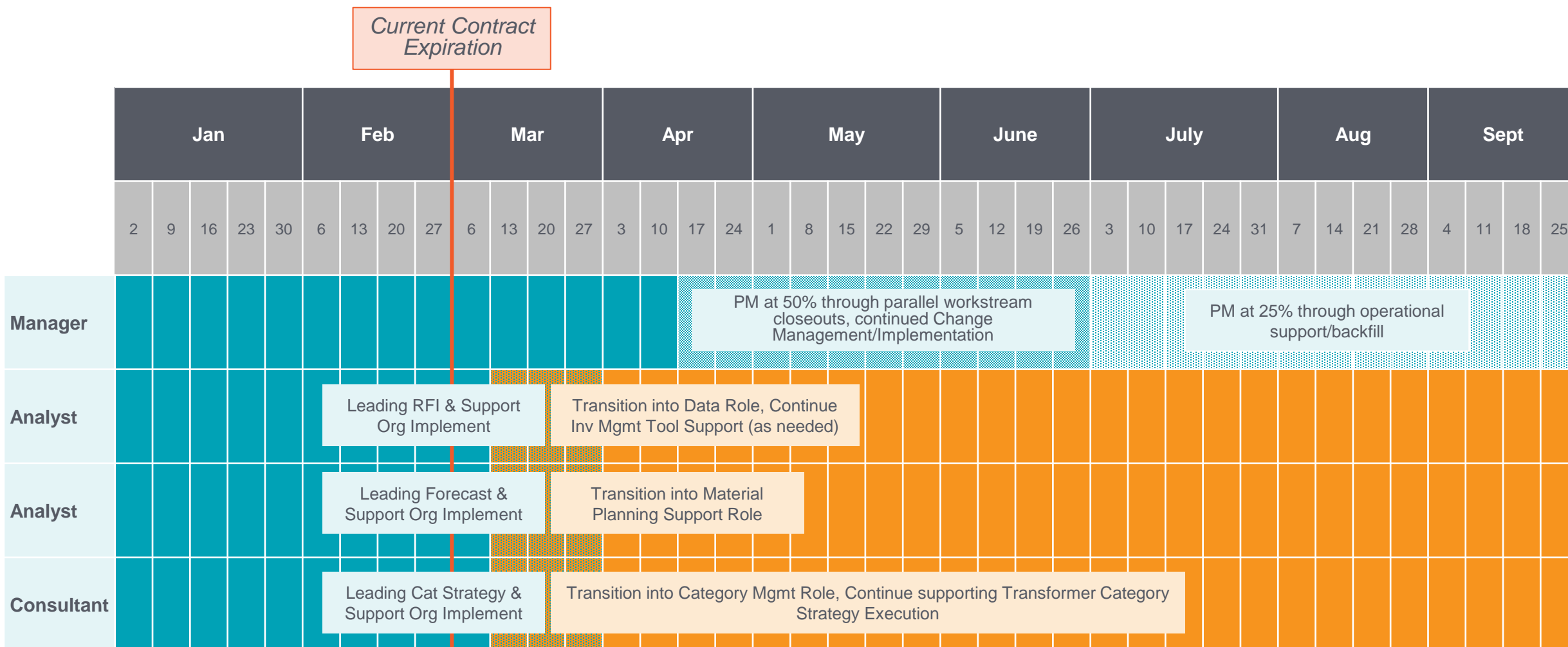
Note: Monthly rates above reflect a 10% discount from current rates for 6+ month utilization

*If need for Manager support declines beyond 25%, ProcureAbility and JEA can discuss an adjustment



Change Order Support Timeline

Strategy Execution
Operational Support





Formal Bid and Award System

Award #15 February 16, 2023

Type of Award Request: REQUEST FOR PROPOSALS (RFP)
Request #: 541
Requestor Name: McDermet, David S. - Water Wastewater Engineer
Requestor Phone: (904) 489-5134
Project Title: Engineering Services for the 101-62 Fairfax St: 1st St. to 26th St. Water Main Replacement Project
Index Number: 8007899
Project Location: JEA
Funds: Capital
Business Unit Estimate: \$1,054,966.00

Scope of Work:

The scope of work includes providing professional engineering services for the design of a water main replacement on Fairfax Street between 1st and 26th Streets in Jacksonville consisting of approximately 1,950 LF of 16-inch PVC DR18 by open cut, 4,925 LF of 20-inch ductile iron (DI) pipe by open cut, 375 LF of 24-inch HDPE by horizontal directional drill, and 100 LF of 36-inch steel casing by jack and bore installation methods; including abandonment of the existing water pipeline, final detailed design, permitting, bid phase assistance, and engineering support services during construction.

The existing water main is nearing the end of its useful life, and replacement is necessary due to its documented poor condition of moderate to severe degradation and continued deterioration of the pipe that could lead to leaks resulting in failure.

JEA IFB/RFP/State/City/GSA#: 1410856846
Purchasing Agent: Brown, Darriel
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
FOUR WATERS ENGINEERING, INC.	Angela Bryan	abryan@4weng.com	324 6th Avenue North, Jacksonville Beach, FL 32250	(904) 993-3724	\$954,206.49

Amount for entire term of Contract/PO: \$954,206.49
Award Amount for remainder of this FY: \$340,000.00
Length of Contract/PO Term: Project Completion
Begin Date: 03/01/2023
End Date: Project Completion (Expected: November 2026)
JSEB Evaluation Criteria: Five Percent (5%)
Comments on JSEB Requirements:
 Four Waters Engineering, Inc. is a certified JSEB company.

PROPOSERS:

Name	Price	Rank
FOUR WATERS ENGINEERING, INC.	\$954,206.49	1
ARDURRA GROUP, INC.	N/A	2
CONSTRUCTION AND ENGINEERING SERVICES CONSULTANTS, INC.	N/A	3
FREESE AND NICHOLS	N/A	4
CHEN MOORE & ASSOCIATES	N/A	5

Background/Recommendations:

Advertised on 08/26/2022. Seven (7) prime companies attended the mandatory pre-proposal meeting held on 09/01/2022. At proposal opening on 10/11/2022, JEA received five (5) Proposals. The public evaluation meeting was held on 12/09/2022, and JEA deemed Four Waters Engineering, Inc. most qualified to perform the work. A copy of the evaluation matrix is attached for reference.

The award amount of \$954,206.49 is approximately 9.6% lower than the business unit estimate. The hourly rates are deemed reasonable compared to other historical rates for work of this nature. The rates are fixed for the first year and may be increased by CPI annually, if requested by the firm. A copy of the proposal attached for reference.

1410856846 – Request approval to award a contract to Four Waters Engineering, Inc. for the 101-62 Fairfax St: 1st St. to 26th St. Water Main Replacement Project in the amount of \$954,206.49, subject to the availability of lawfully appropriated funds.

Senior Manager: DiMeo, Elizabeth A. – Senior Manager Project Management
Director: Conner, Sean M. – Dir. W/WW Project Engineering & Construction
VP: Melendez, Pedro A. – VP Planning Engineering & Construction

APPROVALS:

Stephen Datz 2/16/2023

Chairman, Awards Committee **Date**

Stephanie Nealy 2/16/2023

Budget Representative **Date**

1410856846 Engineering Services for the 101-62 Fairfax St: 1st St to 26th St Water Main Replacement Project

Vendor Rankings	David McDermet	Justin Sencer	Joshua Brown	Σ Rank	Rank	Total Score
Ardurra Group, Inc.	2	3	1	6	2	245.85
Chen Moore & Associates	5	4	5	14	5	213.60
Construction and Engineering Services Consultants, Inc.	4	2	3	9	3	228.95
Four Waters Engineering, Inc.	1	1	2	4	1	267.95
Freese and Nichols	3	5	4	12	4	225.45

David McDermet	Professional Staff Experience (40 Points)	Design Approach and Work Plan (40 Points)	Company Experience (15 Points)	JSEB (5 Points)	Total	Rank
Ardurra Group, Inc.	36.15	37	13	4	90.15	2
Chen Moore & Associates	35.05	30	12	4	81.05	5
Construction and Engineering Services Consultants, Inc.	35.40	32	11	5	83.40	4
Four Waters Engineering, Inc.	37.65	38	13	5	93.65	1
Freese and Nichols	35.80	32	13	4	84.80	3

Justin Sencer	Professional Staff Experience (40 Points)	Design Approach and Work Plan (40 Points)	Company Experience (15 Points)	JSEB (5 Points)	Total	Rank
Ardurra Group, Inc.	37.05	25	6	4	72.05	3
Chen Moore & Associates	34.75	26	6	4	70.75	4
Construction and Engineering Services Consultants, Inc.	37.75	25	6	5	73.75	2
Four Waters Engineering, Inc.	40.00	33	15	5	93.00	1
Freese and Nichols	35.05	25	6	4	70.05	5

Joshua Brown	Professional Staff Experience (40 Points)	Design Approach and Work Plan (40 Points)	Company Experience (15 Points)	JSEB (5 Points)	Total	Rank
Ardurra Group, Inc.	33.65	32	14	4	83.65	1
Chen Moore & Associates	30.80	21	6	4	61.80	5
Construction and Engineering Services Consultants, Inc.	33.80	26	7	5	71.80	3
Four Waters Engineering, Inc.	33.30	30	13	5	81.30	2
Freese and Nichols	32.60	24	10	4	70.60	4

Overall Averages	Professional Staff Experience (40 Points)	Design Approach and Work Plan (40 Points)	Company Experience (15 Points)	JSEB (5 Points)	Total
Ardurra Group, Inc.	35.62	31.33	11.00	4.00	81.95
Chen Moore & Associates	33.53	25.67	8.00	4.00	71.20
Construction and Engineering Services Consultants, Inc.	35.65	27.67	8.00	5.00	76.32



FOUR WATERS ENGINEERING, INC.

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

January 13, 2023
Sent Electronically

David McDermet, P.E.
Water/Wastewater Engineer
JEA Project Engineering & Construction
Email: mcdeds2@jea.com

Re: Proposal for Professional Engineering Services
JEA Solicitation No. 101-62
Fairfax St: 1st St to 26th St Water Main Replacement

Dear Mr. McDermet:

Four Waters Engineering, Inc. (4Waters) is pleased to provide this proposal to JEA for design services related to the Fairfax St: 1st St to 26th St Water Main Replacement project to replace existing 20-inch and 16-inch cast iron water mains. Four Waters Engineering was selected to perform this work as part of JEA Solicitation 101-62. A summary of our understanding of the overall components of the project is provided below:

1. 1,950 linear feet (LF) of 16-inch PVC (DR18) water main by open cut from W. 1st St to King Rd (US23) along Fairfax St;
2. 5,400 LF 20-inch (equivalent) water main from Kings Rd (US23) along Fairfax St to Ella St, east on Ella St to Fairfax St and continuing on Fairfax St to W. 26th St including:
 - a. 4,925 LF of 20-inch ductile iron water main by open cut and approximately 475 LF of water main installation by trenchless methods with equivalent 20-inch water main.
3. Two FDOT right-of-way crossings: one of Martin Luther King (MLK) Jr. Pkwy (US Rte 1) and one of Kings Rd (US23).
4. One Norfolk Southern railroad right-of-way crossing.
5. Trenchless technology crossings assumed for:
 - a. Jack and bore under MLK at Fairfax St.
 - b. Jack and bore under Norfolk Southern railroad at Fairfax St
 - c. Kings Rd at Fairfax St, jack and bore is anticipated, but potential for horizontal directional drill (HDD) will be evaluated.
6. Reconnection/replacement of approximately 70 water services located along Fairfax St between W. 1st St and Ella St.
7. Connection to approximately 52 side street water mains along route ranging in size from 1.5 to 20-inch diameter.
8. Abandonment of the existing 16-inch and 20-inch water mains by grout filling.

Our understanding of the project has been informed by the documents included in the JEA Solicitation 101-62, particularly the Appendix A – Scope of Services, Appendix C – Project Scope Statement, and Appendix C – Project Summary LDP Program – Water Transmission Replacement Fairfax St: 1st to 26th prepared by Arcadis, November 17, 2018. Based on these documents, the conceptual alignment for

replacement of the 20-inch and 16-inch cast iron water mains is generally parallel to the existing alignment in order to accommodate tie-ins to the existing water mains on cross streets.

Scope of Services

4Waters in conjunction with our teaming partners, Mott MacDonald (QA/QC), DRMP (survey and SUE), CSI Geo, Inc. (Geotechnical), C&ES (MOT), and Keister Webb Structural Engineers, LLC (Structural for Jack and Bore pits) will provide the following scope of services for the design of the proposed water mains replacement.

Task 1. Project Initiation and Project Management

This task will build upon the Project Scope Statement (PSS) developed by JEA. Specific deliverable products associated with this task shall be a project procedures manual (Work Plan), a detailed project delivery schedule, and project meeting minutes.

Task 1.1 Project Kick-Off Meeting

Upon Notice to Proceed (NTP), 4Waters shall prepare a Work Plan which shall cover the project description, project team, guidelines for communication, and develop a set of standards which shall be used during the project development.

4Waters shall prepare an agenda for and conduct a kickoff meeting with JEA staff to discuss project goals and objectives, the scope of the project, identify and discuss the critical aspects of the project along the project route, schedule, and communication protocols. 4Waters shall provide meeting minutes summarizing the findings of the meeting.

Task 1.2 Project Management

Monthly project management of the project is also included as part of this task.

Task 2. Conceptual (30%) Design

The conceptual design phase will lock the design basis and horizontal alignment prior to the development of construction documents. 4Waters will finalize the detailed water main installation technique during this stage, and a preliminary engineering report will be developed.

Task 2.1 Pipeline Corridor Route Review/Evaluation

4Waters shall review all available aerial, topographic, property and utility maps within the water main corridor as well as conduct surface reconnaissance field trips as needed to determine a preliminary alignment that conforms with the scope. Consideration shall be given to existing road conditions, available right of way and easements for pipeline routes, quantity and size of trees/power poles and other structures that may affect the alignment, and other factors identified in the field that could be a hindrance or impact to pipeline routing.

4Waters will prepare a detailed plan view of the proposed water main route based on the survey, SUE, and as-built documentation and data gathered in AutoCAD format. Plan view drawings shall be in accordance with latest JEA Water and Sewer Standards and shall be horizontal scale of 1" = 20'. The proposed route drawings will show the following information:

1. The location of existing major underground infrastructure such as utility piping and stormwater drainage piping as shown in survey data and as-built drawings provided by JEA, available from FDOT, or provided by the City of Jacksonville NPDES electronic inventory. Any conflicts with existing pipe(s), power, cable or other utilities; and any other construction related issues will be highlighted for discussion.
2. The location of existing aboveground infrastructure such as buildings, pavement, concrete pads, driveways, signs, bus stops, traffic signals, etc. as provided by survey.
3. Identified areas of concern with existing utilities that will be evaluated using subsurface exploration.
5. Type of construction (open cut, horizontal directional drill, jack and bore, other).
6. Proposed tie-in points to existing water mains and existing water main abandonment.
7. Site access for ingress and egress during construction and for operation/maintenance
8. Maintenance of Traffic

4Waters will provide a brief basis of design technical memorandum with the plan view drawings for thirty percent (30%) submittal, a list of any proposed specifications needed in addition to JEA Water and Sewer Standard specifications, and a Class 3 (AACE) opinion of cost and variance from JEA provided schematic/PSS estimate presented in the Basis of Estimate Report format as defined in Section 3.4 of the JEA Design Consultant Cost Estimating Manual (Sept. 2020), and updated project schedule.

Mott MacDonald shall prepare a technical QA/QC review of the 30% CDD documents. 4Waters will review, address, and incorporate any necessary revisions to the 30% CDD documents. 4Waters shall provide JEA with one (1) electronic (pdf) file and two (2) half size (11x17) copies of the thirty percent (30%) Conceptual Design Drawings for review and consideration. A review meeting will be held with JEA to review the documents and receive JEA's comments. 4Waters will prepare an agenda and meeting minutes for the review meeting. Any necessary changes will be incorporated into the 60% design documents.

Task 2.2 Site Survey and SUE

DRMP shall provide the following survey and subsurface utility exploration (SUE) services:

1. A topographic survey (data points across easement or right-of-way at 100 ft intervals) in accordance with current JEA standards and utility locates (ASCE 38-02 Quality Level B) shall be performed along the following route.
 - a. Survey and Level B SUE of the 20-inch/16-inch water main design area: ~7550 LF from W. 26th St and Fairfax St to W. 1st St and Fairfax St.
 - i. Start on north side of intersection of Fairfax St and W. 26th St
 - ii. Continue to intersection of Fairfax St and Ella St
 - iii. West on Ella St to the intersection of Fairfax St to the south
 - iv. Continue along Fairfax St to south side of 5-way intersection at W. 1st St (at McQuade St and Acorn St)
 - b. Full right-of-way.
 - c. Extend survey to 50 ft east/west outside of the intersection at all cross streets along the route (unless otherwise noted).

- d. For the MLK Jr. Pkwy Crossing on Fairfax St between W. 21st St to W. 22nd St, extend survey 100 ft east and west of Fairfax St including ditch/vegetated areas between MLK and W. 22nd and MLK and W. 21st St.
- e. For the Kings Rd crossing on Fairfax St, at Kings Rd extend the survey 100 ft east and west of Fairfax St, additionally gather survey information on the properties on the east side of Fairfax St to north and south of Kings Rd (to explore potential sites for jack and bore pit/work area).
2. Locate existing trees and determine the size and species of existing trees.
3. Include existing street addresses on parcels identified during the surveying process.
 - a. Include JEA Meter No. on plans for each parcel identified during survey. Meter information shall be provided by JEA in an Excel format for incorporation on the drawings.
4. Establish Vertical Datum in NAVD 88 and set and post a benchmark every 1000'.
5. Reference survey to NAD83, Florida State Plane Coordinate System and expressed in United States Survey Feet horizontally. A horizontal control pair set every 1000'.
6. Locate any visible above ground improvements, sanitary and drainage structures with inverts and sizes if obtainable, overhead utility lines and poles, utility structures, trees, vegetation, sidewalk, roadway center line, curb and gutter, driveways, mailboxes, valves, fire hydrants, guardrails, fencing, signs, etc.
7. Locate geotechnical borings for the project (17 borings).
8. Prepare a final AutoCAD survey meeting the standards set by JEA and 4Waters.

Task 2.2.1 SUE Level A Test Holes

Once the project approach and proposed routing is locked, DRMP shall provide the following survey information:

1. A subsurface survey in accordance with current JEA standards (ASCE 38-02 Quality Level A) will be performed. 65 Level A test holes have been included in the proposal for budgeting purposes based on estimate of existing utilities and water main tie-ins to be made, and to explore the material of certain segments of the existing 20-inch water main to determine whether it is cast iron or PVC. All test holes are assumed to be performed in hard surfaces for budgeting, however, the actual count of hard surfaces and soft surfaces will be billed.
2. Subsurface exploration will be performed at the locations identified during the development of the water main route.

Task 2.2.2 Valve Exploration

The project requires development of an Isolation Plan for the connections of the proposed 16-inch and 20-inch water main to the existing water main system. Based on available “as-built” information from JEA, there are approximately 100 existing isolation valves immediately around the existing water main system along the project route on Fairfax St. from W. 26th St to W. 1st St. A brief field evaluation by 4Waters staff indicated approximately half of the valves were visible.

To assist with development of the Isolation Plan, DRMP will explore/locate up to 55 valves with the following methodology:

- Stake out the approximate state plane position of each targeted valve;

- SUE crews will utilize Level “B” by ground penetrating radar and magnetometer to identify probable location of targeted valve;
- Perform vacuum test hole at each location and gather data;
 - DRMP will flag/mark valve location and then bury the valve back if it is not to grade;
 - A 10% contingency has been added for instances where the valve is not found at initial location (60 total vacuum test holes in hard surfaces);
- Provide AutoCAD Civil 3D file with coordinates for each valve in state plane coordinates;
- Provide a summary table of findings for all exploration locations and valves found;
- Provide MOT services for areas where valve is anticipated to fall within an area that will require lane closure.

DRMP will identify any areas where the existing valve is paved over or needs to have the valve jacket raised. 4Waters will notify JEA of such locations so that JEA can address any corrective actions needed to bring the valve box up to grade.

After all survey has been completed, 4Waters shall provide JEA with copies of the survey files.

Task 2.3 Geotechnical Services

Geotechnical (Soil) Investigation

Based on the proposed water main route, CSI Geo, Inc. shall provide the following preliminary geotechnical (soil) investigation:

1. Perform subsurface explorations along the water main route necessary for the characterization of the existing subsurface conditions and development of preliminary design criteria for the proposed water main. For budgeting purposes, it has been assumed that geotechnical borings will be required every 500 ft. and to a depth of at least five (5) feet below the pipe invert and the drill and bore pits.
 - a. Eleven (11) 15’ deep SPT borings for open cut have been included.
 - i. Two (2) between W. 26th St and W. 22nd St
 - ii. None (0) between W. 21st St and Norfolk Southern RR
 - iii. Four (4) between Norfolk Southern RR and Ella Street
 - iv. One (1) between Ella St and Kings Rd
 - v. Four (4) between Kings Rd and W. 1st St
 - b. Four (4) 50’ deep SPT borings have been included for the two anticipated jack and bore installations under MLK Jr. Parkway (US1) and the railroad. One boring will be completed on each side of the jack and bore crossings.
 - c. Two (2) 60’ deep SPT borings have been included for the anticipated trenchless crossing of Kings Road (SR23). It is uncertain whether this will be by HDD or Jack and Bore. One boring will be completed on each side of the Kings Road crossing.
 - d. Eighteen (18) pavement cores have been included, all 17 borings are assumed to be in pavement for budgeting purposes and an additional location has been included.
2. Perform classification tests on selected samplings obtained from the borings.
3. Visually classify soil samples in general accordance with the ASHTO Classification System and prepare Test Boring Records.

4. Summarize the results of the geotechnical investigations and provide recommendations for surface preparation and design of the proposed watermain.
5. Provide Ductile Iron Pipe & Steel Casing Soil Corrosivity Testing.
6. Review site specifications and revise as appropriate for site-specific requirements. Provide a signed and sealed copy of the final version of the geotechnical report.

2.3.1 Groundwater Analysis and Dewatering Plan and Permitting

It is anticipated that the groundwater table is relatively high and will be encountered during construction at Jack and Bore pit locations and areas of open cut construction where the water main is installed below other existing utilities for conflict resolution. DEP's Contamination Locator Map shows known contamination areas within 500 feet of the project route, along Fairfax Street at W. 19th Street (Fairfax North – Other Waste Cleanup) and south of Norfolk Southern RR (Fairfax Street Wood Treaters – Closed Superfund Site), and on Kings Road near Spires Avenue (Jacksonville Petroleum 76 – Petroleum).

Accordingly, we recommend including dewatering permitting with DEP during the design phase to ensure suitable solutions to any contaminated ground waters are identified. CSI Geo will:

- Install temporary groundwater monitoring wells and collect/analyze pre-discharge water samples at three (3) locations:
 - Crossing of MLK Jr Pkwy
 - Crossing of Norfolk Southern railroad
 - Crossing of Kings Road
- Prepare DEP Notice of Intent (NOI) to Discharge application for dewatering
 - If groundwater samples indicate contamination, CSI Geo will investigate treatment options and coordinate with DEP. If necessary, such requirements will be incorporated in the design.
- Develop Dewatering Plan and Best Management Practices (BMPs) appropriate for the project.

2.3.2 Environmental Investigation and Analysis – Jacksonville Wood Treaters Vicinity

Jacksonville Wood Treaters Closed Superfund site is located adjacent to Fairfax Street and south of Norfolk Southern railroad which will be a location for jack and bore installation of water main. Based on the potential for possible contaminants, CSI Geo will provide field crew personnel with OSHA HAZWOPER (Level D) training. Higher levels of protection will be at additional cost. For estimating purposes, the material is assumed to be non-hazardous solid waste and no hazardous waste storage restrictions and requirements apply to the scope of work. CSI Geo will provide drums and the drill spoils will be collected and environmental testing of soil cuttings and drilling slurry will be performed to determine the suitability for the drill spoil and slurry to be disposed of in local landfills. If test results indicate that the disposal material is hazardous, the client/owner will be notified, and supplemental funds will be required to address the appropriate disposal procedures.

The special procedures for sampling, testing, and disposing of samples collected near the Jacksonville Wood Treaters facility are included in the following items:

- Coordination with Jacksonville Wood Treaters staff
- OSHA HAZWOPER Level D Protection

- Waste Characterization, Sampling, and Analytical Testing
- Non-Hazardous Drill Spoil Disposal

Task 2.4 Maintenance of Traffic (MOT)

C&ES will provide all MOT services for the project including design and permitting. MOT is anticipated to be complex for this project as it involves residential neighborhoods, two FDOT roadways within the project area, and a railroad crossing. C&ES will provide MOT design for all submittals (30%, 60%, 90%, and 100%) and will be involved in preliminary design meetings with FDOT and the City of Jacksonville.

Task 2.5 Project Information Program (As Needed, Time and Materials)

4Waters is available to assist with public outreach and information for the proposed project, as needed. The following efforts will be provided, as needed on a time and materials basis:

1. Meet with JEA's personnel and assist them with the project presentation and discussions. A total of two meetings to locations chosen by JEA are included. The assistance with this task may include the following:
 - a. Preparation of applications, exhibits, and drawings to show the general layout of the work proposed.
 - b. Furnishing additional information about the project design required for public education about the project.
2. Assist JEA in meeting with the representatives of the owners of affected facilities including utility companies, school districts, railroad companies, pipeline companies, and others to discuss the impact of the project. This will include the attendance of one public meeting established by JEA.
3. Assist JEA with Public Outreach in conducting a public notification program for property owners; operators of business, commercial and industrial establishments; and private residents in the vicinity of proposed sites or along the proposed pipeline alignment who will be directly affected by the proposed construction activities. JEA will be responsible for the notifications and announcements.

Task 3 – Permitting Assistance

The following sections provide information regarding the permits anticipated to be required based on our understanding of the project scope and conceptual alignment. For all agency permitting efforts, JEA shall provide all applicable permit fees, unless otherwise noted. At approximately the 90% design phase, 4Waters will prepare all permit application materials and shall submit them to JEA for review. 4Waters shall monitor each permit application throughout the approval process and has included time to provide responses to one (1) Request for Additional Information (RAI) for each permit, unless otherwise noted.

Task 3.1 City of Jacksonville

Task 3.1.1 Major Utility Construction Permit Application

The 4Waters team shall request a City Development Number (CDN) from the City for the project and will conduct a pre-application meeting with representatives of COJ to discuss the objectives of the

overall project, proposed MOT methods, anticipated paving requirements, and to clarify the level of permitting needed for the permit. One (1) meeting has been estimated for budgeting purposes.

4Waters shall prepare and submit a Major Utility Construction permit application to COJ Development Services for their review for the installation of the JEA water main in the COJ right of way along the proposed route.

Task 3.1.2 Right-of-Way Permit

4Waters shall assist with information necessary for the COJ Right-of-Way permitting, however, it shall be the responsibility of the contractor selected by JEA for project construction to prepare and submit the Right-of-Way permitting application. 4Waters will provide signed and sealed plans and coordinate with contractor, as needed to secure Right-of-Way permit. Required Stormwater Pollution Prevention Plan (SWPPP) will be developed by CSI Geo as part of the NOI permitting.

Task 3.2 FDOT Utility Accommodation (UA) Application

A Utility Accommodation (UA) permit from the FDOT will be required for all work within MLK (US Rte 1) and Kings Rd (US23). A UA FDOT permit application typically requires the FDOT application form, design drawings, pictures of the project area, maintenance of traffic plans, and a dewatering plan. The 4Waters team will coordinate with FDOT during the conceptual design phase and will conduct a pre-application meeting to gather any feedback on concerns/issues related to the proposed project, feasible installation methods, the water main installation routes and tie-in points, and the maintenance of traffic. A second meeting has been included in the scope of work to address any additional concerns during the permitting process.

4Waters will prepare and submit the UA application to FDOT for review of the JEA water main in the FDOT rights of way. 4Waters has included time to provide responses to two (2) Request for Additional Information (RAI) for this permit.

Task 3.3 Norfolk Southern Railroad Utility Application

4Waters will coordinate with Norfolk Southern Railway Company for approval for the installation of water main under the railroad along Fairfax St. Permit and submittal documents will be provided in accordance with the Utility Occupancy License Manual. The 4Waters team will coordinate with Norfolk Southern during the conceptual design phase to gather any feedback on concerns/issues related to the proposed project, proposed jack and bore installation, the water main installation route, and the maintenance of traffic.

4Waters will prepare and submit the permit application documents and will respond to two (2) Requests for Additional Information for this permit.

Task 3.4 DEP Water Main Application

4Waters shall request an availability number from JEA for the proposed water main project and shall utilize the SAGESgov portal for JEA review and approval of application. 4Waters will utilize the DEP permitting portal to prepare and submit the water main application to DEP using Notice of Intent to Use the General Permit for Construction of Water Main Extensions for PWSs-Alternate (62-555.900(7) Alternate). Payment of the application fees is required immediately upon submittal, accordingly ***4Waters has included the anticipated permit fee of \$650.00 in the project expenses.***

Task 4 - Project Design Development Stage (60% and 90% Design)

The work during this stage will focus on the development of construction documents. This task provides for the preparation of drawings and specifications and conducting formal reviews of the contract documents at certain completion levels.

Task 4.1 Preparation of 60% Design Development Documents

4Waters shall provide engineering services to develop 60% design documents including drawings, tables, charts, schedules, necessary specifications identified during Task 2.1, and Class 2 (AACE) updated opinion of cost and cost variance analysis from the 30% cost estimate presented in the Basis of Estimate Report format as defined in Section 3.4 of the JEA Design Consultant Cost Estimating Manual (Sept. 2020), for the proposed water mains that includes the following:

1. Preparation of final water main routes based on comments received under Task 2.1 showing water main location, potential utility conflicts, roadways, and demolition areas.
2. Identify any recommended temporary construction easements or permanent easements that need to be acquired by JEA.
3. Compliance with the latest version of the JEA Water and Wastewater Standard Specifications and the JEA Water, Sewer and Reclaimed Water Design Guidelines for pipeline design.
4. The plan and profile sheets will be developed at a plan view scale of 1" = 20'.
5. This project will utilize JEA's standard technical specifications.
6. Coordination of any roadway and drainage replacement. No drainage is included in this scope of work but shall be repaired in accordance with FDOT and COJ standards.

The 60% design will also provide structural design of support systems for the proposed jack and bore pits along Fairfax St, potentially three crossing: MLK Jr. Pkwy, Norfolk Southern railroad crossing, and Kings Rd. This is a typical requirement of both FDOT and Norfolk Southern and will be necessary for permitting. The design will be provided by Keister Webb Structural Engineers, LLC.

A technical QA/QC review will be provided by Mott MacDonald and all comments addressed and incorporated. 4Waters shall provide one (1) electronic (pdf) file and two (2) half size (11x17) copies of sixty percent (60%) Design Development Drawings and documents for review and consideration. A review meeting will be held with JEA to review the documents and receive JEA's comments. 4Waters will prepare an agenda and meeting minutes for the review meeting. Any necessary changes will be incorporated into the 90% design documents.

Task 4.2 Preparation of 90% Contract Documents

The contract documents shall include detailed drawings, tables, charts, schedules, and other documentation as may be necessary for the bidding and construction of the proposed water mains.

4Waters shall provide engineering services to develop 90% design documents for the water mains based on the review comments and updates from the 60% design (Task 4.1). 4Waters shall provide updated drawings, necessary specifications, Class 2 (AACE) updated opinion of cost, cost variance analysis from 60% presented in the Basis of Estimate Report format as defined in Section 3.4 of the JEA Design Consultant Cost Estimating Manual (Sept. 2020), and bid form in the Asset Management format for the 90% task.

A technical QA/QC review will be provided by Mott MacDonald and all comments addressed and incorporated. 4Waters shall provide JEA with one (1) electronic (pdf) file and two (2) half size (11x17) copies of the ninety percent (90%) Contract Drawings and documents for review and consideration. A review meeting will be held with JEA to review the documents and receive JEA's comments. 4Waters will prepare an agenda and meeting minutes for the review meeting. Any necessary changes will be incorporated into the 100% design documents.

Task 5 – Final Design (100% Design)

Task 5.1 100% Construction Documents

4Waters shall prepare final construction plans showing all design notations for the installation of the proposed water mains based on comments at the ninety percent (90%) design review. 4Waters shall incorporate JEA and Permitting comments as well as work with Mott MacDonald and other sub-consultants for a final QA/QC of the Contract Drawings. 4Waters shall provide updated drawings, necessary specifications, Class 1 (AACE) updated opinion of cost, cost variance analysis from 90% presented in the Basis of Estimate Report format as defined in Section 3.4 of the JEA Design Consultant Cost Estimating Manual (Sept. 2020), and bid form in the Asset Management format, and all supporting technical reports and documents including Geotechnical Report and final survey, and permits for the 100% task.

4Waters shall provide one (1) electronic version (pdf) of the 100% Final Design documents and two (2) 11x17 prints of the drawings to JEA. 4Waters will meet with JEA to review the 100% design documents.

Task 5.2 Finalize the Bid Documents

4Waters shall incorporate any necessary updates to the construction documents to address JEA or Permit review comments from the 100% design (Task 5.1). 4Waters shall provide one (1) thumb drive with electronic PDF file and AutoCAD file of construction bid drawings, and Word, Excel, and PDF files for bid form, technical specifications, cost estimate and variance analysis to JEA.

Task 6 - Bidding Services and Support (Time and Materials)

Task 6.1 Attend Pre-Bid Meeting

If requested, 4Waters will attend one (1) pre-bid meeting/site tour and assist JEA in responding to questions from bidders.

Task 6.2 Response to Questions for Bidders

4Waters may be required to assist with the preparation of addenda that will be issued as needed to provide clarification of the construction documents and respond to questions from bidders. JEA will be responsible for coordinating and issuance of all addenda. As needed, 4Waters will revise the bid plans and documents to incorporate changes made in the addenda issued to bidders.

Task 6.3 Conform Documents

As necessary, 4Waters will revise the bid design documents to incorporate changes made in the addenda issued to bidders. 4Waters will provide one (1) complete full-size (22x34) signed and sealed set, six (6) half-size (11"x17") sets, and one (1) electronic (PDF and AutoCAD) set of conformed drawings to JEA.

Task 7 - Construction Services (Time and Materials)

If requested by JEA, the 4Waters team will provide the following services during construction. The construction period is assumed to be 25 months (~770 days) from contractor Notice to Proceed per the JEA schedule.

- Attend and participate in pre-construction meeting.
- Review and approve shop drawings (two each) for special crossings. Project is anticipated to include three special crossings. The contractor will fund any additional reviews, after the second review not approved.
- Attend monthly status meetings/site visits. Assume four hours per meeting/site visit.
- Conduct site inspections during construction of the special crossings. Attendance will be by 4Waters and KW Structural engineers.
- Respond to contractor requests for information (RFIs). Assume two per month and four hours to review and respond to each.
- Attend substantial and final acceptance inspections. Assume eight hours each.

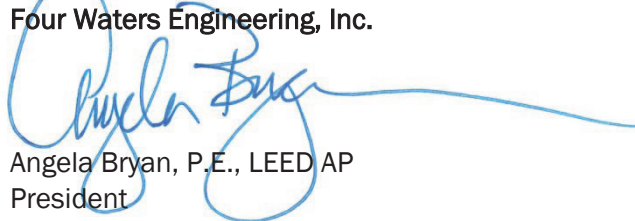
Schedule

4Waters shall provide the services as outlined in Tasks 1 through 5 above within 11 months of Notice to Proceed. A detailed design and permitting schedule will be developed as part of Task 1.

Professional Service Fees

We appreciate this opportunity to work with JEA and have attached a detailed fee summary sheet for the project. The proposed fee to complete the tasks outlined above is \$954,206.49 which includes \$566,636.00 in subconsultant fees for QA/QC, survey, SUE, geotechnical/contamination, MOT, and structural engineering; additionally a 8.0% markup on subcontractor costs has been incorporated into the subconsultant expenses. The subconsultant proposals are attached. If you have any questions, please contact me at abryan@4weng.com or (904) 414-2400 Ext. 51.

With best regards,
Four Waters Engineering, Inc.



Angela Bryan, P.E., LEED AP
President

Attachments



Formal Bid and Award System

Award #2 November 1, 2018

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Request #: 6323
Requestor Name: Lovgren, Rodney D.
Requestor Phone: (904) 665-6631
Project Title: Corrosion Treatment Services for JEA Substation Equipment
Project Number: HE30702
Project Location: JEA
Funds: O&M
Budget Estimate: \$425,000.00 (3 year estimate)

Scope of Work:

The purpose of this solicitation is to select a vendor to provide corrosion treatment and the application of protective coatings on rack transformers, circuit breakers, switchgear and associated equipment located at JEA electric substations and generating stations (the "Work").

The Work shall be performed in accordance with NACE International Standard RP0297-2004. Only personnel qualified to work in or around energized high voltage environments will be allowed.

JEA IFB/RFP/State/City/GSA#: 135-18
Purchasing Agent: Lovgren, Rodney Dennis
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
SEACOR PAINTING CORPORATION	Nick Frangos	nickd725@aol.com	66 Creed Circle Campbell OH 44405	(904) 750-1772	\$838,050.00

Amount for entire term of Contract/PO: \$838,050.00
Award Amount for remainder of this FY: \$167,610.00
Length of Contract/PO Term: Five (5) Years w/One (1) – 1 Yr. Renewal
Begin Date (mm/dd/yyyy): 11/01/2018
End Date (mm/dd/yyyy): 10/31/2023
Renewal Options: YES – One (1) – 1 Yr. Renewal
JSEB Requirement: N/A - Optional

BIDDERS:

Name	First Round	Rank	BAFO	Post BAFO Negotiation	Rank	Disqualified
SEACOR PAINTING CORP.	\$900,000.00	1	\$900,000.00	\$838,050.00	1	No
MIDSUN GROUP INC.	\$1,915,573.00	2	\$1,586,181.74	N/A	2	No

Background/Recommendations:

Advertised 07/26/2018. To encourage bidder participation, JEA increased the number of approved coatings suppliers from one (1) supplier in a previous 2013 solicitation, to five (5) suppliers in the current bid to allow bidders to take advantage of competitive pricing and business relationships. Five (5) companies attended the mandatory pre-response meeting held on 08/03/2018. At Response opening on 06/19/2018, JEA received two (2) Responses. Seacor Painting and Midsun Group were short-listed and invited to submit Best and Final Offers (BAFO). After negotiations, Seacor lowered their final price by \$61,950.00 or 6.9% from their first round bid price. A copy of the Bid Workbook is attached as backup. The Award estimate was based on annual average spend from previous contract and was for a three (3) year amount. During the solicitation process, JEA elected to change the term to five (5) years.

Limited bidder participation likely resulted from the incumbent contractor's history of being the lowest bidder by a significant margin. In the 2013 solicitation, there were four bidders for this contract. Seacor was lowest, with the other bids being 216%, 353%, and 586% of Seacor's bid.


When comparing Seacor's previous pricing from 2013 to the current bid pricing, there is an eighteen percent (18%) price increase. It should be noted, Seacor had previously held their price fixed for the three (3) year term of the contract, has historically underbid all competition by a significant margin and has an excellent performance record. A new budget trend will be submitted to match the award amount.

135-18 – Request approval to award a five (5) year contract to Seacor Painting Corporation to provide corrosion treatment services for JEA substation equipment in the amount of \$838,050.00, subject to the availability of lawfully appropriated funds.

Director: Erixton, Ricky D. - Director, T&D Maintenance
VP: Brost, Mike J. - VP/GM Electric Systems

APPROVALS:

 11/1/18
Chairman, Awards Committee Date

 11-1-18
Manager, ~~Capital Budget Planning~~
Operating Budgets Date