

Welcome to the

JEA Awards Meeting

September 12, 2024, 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 **Sarah Millsap** by telephone at **(904) 776-4311** or by email at **millse@jea.com** if you experience any technical difficulties during the meeting.

**JEA Awards Agenda
September 12, 2024
225 North Pearl St., Jacksonville, FL 32202 - Hydrangea Room 1st Floor**

[Teams Meeting Info](#)

Consent Agenda

The Chief Procurement Officer offers the following items for the JEA Awards Consent Agenda. Any item may be moved from the Consent Agenda to the Regular Agenda by a committee member asking that the item be considered separately. All items on the Consent agenda have been approved by OGC, Budget and the Business Unit Vice President and Chief. The posting of this agenda serves as an official notice of JEA's intended decision for all recommended actions for **Formal Purchases** as defined by **Section 3-101 of the JEA Procurement Code**. Please refer to JEA's Procurement Code, if you wish to protest any of these items.

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Funding Source	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term (Projected) Start Date - End Date	JSEB Participation (Y/N) If Y, then list company name(s) (% , \$ - awarded)
1	Minutes	Minutes from 09/09/2024 Meeting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Contract Increase	050-17 Buckman Wastewater Reclamation Facility (WRF) Blower System Improvements and Aeration Basin Projects	Melendez	Jacobs Engineering Group	Capital	\$427,219.00	\$1,385,404.38	\$4,438,754.38	05/09/2019 - \$507,042.00 08/01/2019 - \$0.00 (Assignment) 07/08/2021 - \$413,677.00 03/16/2023 - \$1,705,412.00	Project Completion Start: 12/21/2017 End: 09/30/2028 (Estimated)	N
	<p>Last Awarded: 03/19/2024 For additional information contact: Marline McDonald</p> <p>The scope of work for this contract includes providing the study, preliminary design, design, bid phase and engineering support services during construction and acceptance testing of the blower system and aeration basin project. The blowers installed in 2013 have consistently underperformed despite numerous repairs and redesigns, leading to ongoing failures. Additionally, the equipment in the aeration basins has exceeded its ten-year service life and requires replacement. This has led to reduced air transfer efficiency, which in turn impairs wastewater treatment and diminishes nitrogen removal effectiveness.</p> <p>This contract increase covers JEA-directed design updates, which include evaluating the communication network, replacing flowmeters, installing dissolved oxygen probes and electric actuators, updating the BioWin model, and developing an air model. Additionally, JEA has requested that Jacobs prepare guaranteed maximum price (GMP) packages for JEA's Construction Manager-at-Risk (CMAR) to facilitate bidding on an upgraded Siemens communication panel, replacing Unistrut supports, and installing a new mini power zone to support the communication network power hubs. This increase also funds additional site visits, meetings, updates to the preliminary engineering report, and shop drawing reviews for the GMP packages.</p> <p>The hourly rates for this contract have increased by 1.5% annually, as negotiated in the original contract. The fee for this contract increase has been reviewed by JEA project staff, compared to past and current projects and deemed reasonable.</p>										
3	Contract Increase	1410937246 - ITN - Professional Services For Cisco Contact From UCCE 11.6 to PCCE 12.6	Selders	Prosys, Inc.	Capital	\$80,000.00	\$330,250.18	\$546,711.58	5/11/2023-\$48,461.40 9/5/2023-\$26,000.00 06/13/2024-\$22,000.00 08/30/2024-\$40,000.00	Project Completion Start Date: 02/01/2023 End Date: Estimated: 09/30/2024	N
	<p>Originally Awarded: 01/19/2023 For Additional Information Contact: Nickolas Dambrose</p> <p>The purpose for this change order is for JEA's Cisco Contact Center Managed Service provider Prosys, Inc, to successfully complete the scope of the existing PCCE upgrade project. This award request is for \$80,000.00 in additional funds for implementation of the ECE setup (Email and Chat) to Prosys, Inc, as part of the Professional Services for Cisco Contact upgrade from UCCE 11.6 to PCCE 12.6 project. The award amount shall be delivered upon successful completion of two milestone payments according to the project plan attached as backup. The buildup of the components (ECE Email and Chat) for the new IVR 12.6 have proven to be more complex and technically challenging that requires additional hours for Prosys. This project provides full platform and application services to migrate JEA from their current Cisco Unified Contact Center Enterprise (UCCE 11.6) platform with CVP, to a newly built Cisco Packaged Contact Center Enterprise (PCCE 12.6) platform in its dual site deployment.</p> <p>This award request maintains the same hourly rates as originally awarded. JEA and Prosys have also agreed to liquidated damages of \$1,000.00 per day to accomplish successful completion of work by 09/30/2024.</p>										
4	Renewal	1410336848 - Occupational Medical Services	Emanuel	CareNow	O&M	\$195,000.00	\$1,456,440.00	\$1,651,440.00	N/A	Three (3) Years w/Three (3) – One (1) Yr. Renewals Start Date: 10/01/2021 End Date: 09/30/2025	N
	<p>Originally Awarded: 08/19/2021 For additional information contact: Elaine Selders.</p> <p>This Award requests a one-year renewal for the Occupational Medical Services contract from 10/01/2024 to 09/30/2025. This contract was originally awarded on 08/19/2021 to Jacksonville CareNow Urgent Care, LLC. The original award amount was based on a monthly flat fee of \$34,950.00 plus additional funds for optional services for the three-year term.</p> <p>The monthly flat fee of \$34,950.00 remains the same and will total \$419,400.00 for the upcoming year. It should be noted there is approximately \$250,000.00 remaining from the original award not-to-exceed amount. The total award amount of \$195,000.00 is based on the additional funds required to pay the monthly fee and the estimated amount needed for the FY25 optional services. The business is pleased with the services and requests a one-year renewal to continue to receive these services.</p>										
5	Invitation for Bid	1411775846 (IFB) NGS N00 Limestone Piping Replacement	Melendez	WG Yates & Sons Construction	Capital	\$4,045,733.12	N/A	\$4,045,733.12	N/A	Project Completion Estimated Start Date: 10/01/24 Estimated End Date: 04/14/2025	N
	<p>Advertised: 06/24/2024 Opened: 07/30/2024 Two (2) Bids Received For additional information contact: Jason Behr</p> <p>The initial scope of this project includes replacement of all limestone piping, fittings, and valves for each pipeline (A, B, and C Trains) from the Limestone Prep Building to the isolation valves at N01 and N02 furnace injection points. During planning stages, the project was broken down into 3 distinct phases:</p> <p>Phase 1 – replacement from the N02 Day Bin to the isolation valves at the N02 furnace injection points. Phase 2 – replacement from the N01 Day Bin to the isolation valves at the N01 furnace injection points. Phase 3 – replacement from the Limestone Prep Building to the N01 and N02 Day Bins.</p> <p>The scope included the OEM (UCC Environmental) to provide engineering for the piping system and supply of all piping materials for the project. Separately, the project solicited competitive bids for installation of each Phase. The project completed engineering with all 3 phases and advertised for bid on the installation of the system. The low bid is significantly higher than the JEA estimated cost for the project.</p> <p>WG Yates was the lowest bidder for the whole project. Upon bid evaluations and cost review, NGS senior management determined that the valued path forward would be to complete the installation for Phases 1 & 2. The costs to complete Phase 3 could not be justified over costs associated with maintenance of the existing Phase 3 system. Therefore, it was decided to shelf the engineering documents for Phase 3 and consider replacement of Phase 3 for a future date, and only as necessary. WG Yates remains the lowest bidder with Phase 3 removed therefore they will be awarded the contract to complete Phases 1 & 2.</p>										

Consent Agenda Action

Committee Members in Attendance	Names	
Motion by:		
Second By:		
Committee Decision		

Regular Agenda (date last updated)

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term	JSEB Participation (Y/N) If Y, then list company name(s) (% , \$ - awarded)	Action
1	Contract Increase	071-19 Water/Wastewater Project Support Services	Melendez	Keville Enterprises, Inc.	\$3,178,290.00	\$20,279,306.00	\$29,961,718.90	10/22/2020 - (\$1,500,000.00) 4/13/2023 - \$8,004,122.90	Five (5) Years w/Two (2) - 1 Yr Renewals Start: 07/01/2019 End: 06/30/2025 1 Renewal Remaining	AREC Safety Consulting LLC (Safety) - \$693,770.00	Motion by: _____ Second by: _____ Committee Decision: _____
	<p>Last awarded 04/13/2023. For additional information contact: Dan Kruck</p> <p>The scope of work for this contract includes providing personnel to perform construction management, project management, scheduling, cost analysis, estimating, safety support and other job functions required to complete JEA's Water/Wastewater capital improvement program as required by JEA.</p> <p>This request is for a contract increase to fund the remaining contract term at the current staff level. Supplemental staff are needed due to the significant growth of the Water/Wastewater capital plan. Hourly labor rates for this contract have been increased annually corresponding to a CPI increase.</p>										
2	Invitation for Bid (IFB)	111792846 7732 Merrill Rd & 2530 Mayapple - Pump Station Upgrades	Melendez	Ferreira Construction Co., Inc.	\$8,117,037.91	N/A	\$8,117,037.91	N/A	Project Completion Start: 10/01/2024 End: 05/28/2026 (Estimated)	Y Landscape Construction, LLC (Landscaping/Sitework) - \$35,000.00 Smith Surveying (Surveying) - \$55,000.00 True Patriots (Electrical Installation) - \$706,496.59	Motion by: _____ Second by: _____ Committee Decision: _____
	<p>Advertised: 07/08/2024 Opened: 08/27/2024 One (1) Bid Received For additional information contact: David King</p> <p>The scope of work for this contract includes the demolition of the existing pump station and the construction of a new pump station at 7732 Merrill Rd, and upgrading the pump station located at 2530 Mayapple Rd. The scope of work also includes the construction of the replacement of sewer gravity lines across Merrill Rd and the associated restoration work.</p> <p>This is the third time JEA has attempted to bid this scope of work out, and JEA has received low, or no, participation each time. Updates to the scope were made in an attempt to have more bidders participate. JEA extended the bid period for this solicitation in an attempt to receive more participation as well. Feedback from prospective bidders that did not submit a bid include, current workload and complexity of the project. Due to a conflict with a local school, the road work across Merrill Rd may only be completed in either June or July 2025.</p> <p>The total bid price accounts for the base bid plus alternate options for the amount of \$8,329,965.87. JEA opted not to exercise the alternates and to award the base bid for the amount of \$8,117,037.91. The base bid specified polymer concrete manholes, and the alternate options were for a material change to lined concrete manholes. The award amount is approximately 2.7% above the JEA estimate for the awarded work, and deemed reasonable when compared to other projects.</p>										

Consent and Regular Agenda Signatures

Budget	Name/Title _____
Awards Chairman	Name/Title _____
Procurement	Name/Title _____
Legal	Name/Title _____

Award #1 Supporting Documents 09/12/2024

JEA Awards Agenda September 05, 2024

225 North Pearl St., Jacksonville, FL 32202 - Hydrangea Room 1st Floor

[Teams Meeting Info](#)

Consent Agenda

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1	Minutes	Minutes from 08/29/2024 Meeting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Invitation for Bid (IFB)	1411780646 - 180-46B Woodley Creek Pump Station Rehab	Melendez	PBM Constructors, Inc.	Capital	\$1,251,790.35	N/A	\$1,251,790.35	N/A	Project Completion Start Date: 10/30/2024 End Date: 01/23/2026	Y RZ Services Group (Material Supply), \$55,000.00 Heckman Electric (Electric Sub Contractor), \$75,000.00
<p>Advertised: 07/01/2024 Opened: 08/13/2024</p> <p>Four (4) Bids Received: PBM Constructors, Inc. \$1,251,790.35 Ferreira Construction Southern Division Inc. \$1,415,471.85 Sawcross, Inc. \$1,615,404.38 Petticoat-Schmitt Civil Contractors, Inc. \$1,689,864.75</p> <p>For additional information contact: Marline McDonald</p> <p>The purpose of the solicitation was to select a vendor to provide rehabilitation to the Woodley Creek Pump Station, including: 1. Rehab or replace all mechanical/plumbing components. 2. Rehab or replace all electrical/I&C components. 3. Rehab or replace the surrounding concrete slab, including additional improvements to mitigate observed settlement or potential uplift at the wet well. 4. Replace security fencing.</p> <p>The bid is approximately 26% below the estimate due to lower than estimated bypass and general condition costs, and the bid was deemed reasonable.</p>											

Consent Agenda Action

Committee Members in Attendance	Names	Ted Philips, Raynetta Marshall, David Emanuel
Motion by:	Raynetta Marshall	
Second By:	Ted Philips	
Committee Decision	Approved	

Award #1 Supporting Documents 09/12/2024

Regular Agenda (date last updated)

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term	JSEB Participation (Y/N) IF Y, then list company name(s) (% \$ - awarded)	Action
1	Developer Agreement	2023-0280 Trails 1A	McLendez	Hawk Normandy, LLC/Pipeline Constructors, Inc.	\$432,026.67	N/A	\$432,026.67	N/A	Project Completion Start: 03/15/2024 End: 06/30/2025 (Estimated)	N	<p style="text-align: center;">Motion by: Raynetta Marshall</p> <hr/> <p style="text-align: center;">Second by: David Emanuel</p> <hr/> <p style="text-align: center;">Committee Decision: Approved</p> <hr/>
<p>One (1) Bid Received (Developer) For additional information contact: Ella Bryant</p> <p>The scope of work for this private development project where JEA has identified improvements consistent with the JEA Cost Participation Policy and, as such, is eligible for reimbursement, consists of the first unit of an overall Trails Phase 1 Development, which will total 114 single family residential units. This project is located within the Southwest Sewer Basin and the North Water Grid.</p> <p>This project is developer driven, so all design and engineering were completed by the developer at their cost (no JEA funds for design). JEA Development has reviewed and approved the construction plan submittal. The project elements are comprised of 2,400 feet of 16-inch water main (44% JEA participation) and 3,880 feet of 12-inch force main (31% JEA participation), which follow the JEA Cost Participation Policy.</p> <p>The developer has followed JEA Procurement directives by advertising and awarding to the highest evaluated bidder. The solicitation was advertised, and a pre-bid meeting was held on 12/20/2023. Only one bidder attended the prebid meeting. Pipeline Constructors, Inc. was the sole bid and was awarded the project. JEA is reimbursing in accordance with the Cost Participation Policy for transmission sized mains and the bid amount is approximately 25% below the JEA estimate, which included material, labor, and equipment, and was deemed reasonable.</p> <p>DISCUSSION/ACTION: Explanation was requested on how this developer agreement works with only 1 bid received. JEA has a cost participation policy with two options for participation with development. The option that applies for this project is the portion of the policy that relates to transmission size and mains that are needed for the project. This development is large and requires transmission sized mains. The developer is contracted with JEA in accordance with procurement guidelines. The developer then has their own contracts for the work being done, which also follow the JEA procurement guidelines. The potential number of connections for this phase is 114 and the overall project is 2,460. While only one bid was received, the bid was deemed reasonable and competitive. Cost participation projects continue to provide JEA value and efficiency as this bid is approximately 25% lower than the JEA estimate.</p> <p>DISCUSSION/ACTION PARTICIPANTS: Ted Philips, Susan West, Raynetta Marshall</p>											
2	Single Source	JEA NGS MKVIe Upgrade	McLendez	GE Vernova International LLC	\$2,043,471.00	N/A	\$2,043,471.00	N/A	Project Completion Start: 09/15/2024 End: 04/30/2026 (Estimated)	N	<p style="text-align: center;">Motion by: David Emanuel</p> <hr/> <p style="text-align: center;">Second by: Raynetta Marshall</p> <hr/> <p style="text-align: center;">Committee Decision: Approved</p> <hr/>
<p>Single Source For additional information contact: Jason Behr</p> <p>GE will upgrade the existing Mark VI turbine and Exciter control hardware and software with Mark VIe hardware and software (ControlST and Cimplicity). The Migration Upgrade maintains all field wiring terminations and turbine devices. GE will swap out (plug & play) the Mark VI hardware from within the existing Mark VI Cabinet(s), with newer Mark VIe components (Controller, I/O packs and VME boards). In conjunction with the Mark VIe and EX2100e migrations, JEA's Turbine Controls Field Engineers will also perform the integration with the current HMIs. Work will be turn-key from the OEM and will be completed during the FY25/26 outages, with design work beginning at contract execution and on-site work beginning May 2025.</p> <p>This project is to replace the Mark VI turbine controls and EX2100 exciter controls on NGS CT3-CT6. Our current systems are at the end of their service life and will soon lose OEM support. OEM stopped production for new parts of our current Mark VI and EX2100 system. Old parts can be difficult and expensive to source. Similar upgrades have been completed at other JEA plants and upgrading the exciters on the NGS CTs will match with what we have on the rest of our fleet.</p> <p>Project is within budget. This is a turnkey project, so it was easier to get an accurate quote. Price is similar to same work done on different power plants.</p> <p>DISCUSSION/ACTION: Clarification was requested as to why this is a single source. GE is the original manufacturer of the control and excitation systems on CT3, CT4, CT5, and CT6 at Northside Generating Station. The system, originally installed in 2007, has reached the end of its life. Replacement parts are not available except for aftermarket parts that are more expensive and hard to obtain. Similar systems have already been upgraded in the JEA fleet at Brandy Branch, Greenland and Kennedy Generating Stations. Migration to the new system will allow for a modular upgrade while utilizing the existing wiring termination and turbine devices in the field.</p> <p>DISCUSSION/ACTION PARTICIPANTS: Ted Philips, Jamila Akrayi</p>											

Consent and Regular Agenda Signatures

Budget	Name/Title	<i>Stephanie Nealy, Manager CBP</i>
Awards Chairman	Name/Title	<i>Theodore B Phillips</i>
Procurement	Name/Title	<i>JSMcL...</i>
Legal	Name/Title	<i>Rebecca Lavis</i>

Amendment No. 4, Scope D – Design Changes for Aeration Basin Improvements

Amendment No. 4, Scope D presented herein will be executed under the terms and conditions of JEA Contract 10144 (previously No. 171116). This amendment gives no rights or benefits to anyone other than JEA and the Jacobs Engineering Group Inc. (Jacobs)¹ and has no third-party beneficiaries.

Purpose and Background

The purpose of Amendment No. 4, Scope D is to modify the existing contract by incorporating changes to the ongoing design and continuing services already preformed for the JEA Buckman WRF blower project.

In the previous Amendment (Amendment No. 3) JEA selected Jacobs to provide Engineering Services for the design of the JEA Buckman Water Reclamation Facility Aeration Basin Improvements and develop Guaranteed Maximum Price (GMP) packages for long lead items where Contractor Manager at Risk (CMAR) Wharton-Smith, Inc (WSI) will perform the work.

After the November 20, 2023, 30% review meeting, JEA decided to amend the original scope and requested additional services that affected the following disciplines: electrical, instrumentation, structural, mechanical, process mechanical and cost estimating. In addition, Guaranteed Maximum Price (GMP) packages will need to be develop by Jacobs for the CMAR contractor WSI.

The general scope of services to be provided by Jacobs under this Amendment No. 4, Scope D include the following tasks.

Task 1D.1 – Delete Scope from Assignment 3

1. **Subtask 1D.1: Delete one GMP package for temporary wellpoints.**
 - a. **Temporary Wellpoint Installation.** The effort to prepare 6 GMP packages was included in the fee for Amendment 3. The GMP for the temporary wellpoint was not used and will be credited back to JEA, see Table 1.

Task 2D.1 – Add Scope to Amendment 3

1. **Subtask 2D.1.1: Electrical and I&C Scope Changes.**
 - a. **Communication Network Evaluation.** Evaluate the use of ProfiBus (copper wire) and ProfiNet (Ethernet) communication networks to transmit data from the aeration basins to plant SCADA. The evaluation will include an evaluation of electric actuators that have native communication cards (no gateways required) to transmit the data. The two systems evaluated will be Limatorque electric actuators with ProfiBus cards and Rotork electric actuators with ProfiNet cards.

The new communication network will increase the efficiency by which data is transmitted and allow plant staff to operate the aeration basins more efficiently.
 - b. **Flowmeters.** Replace six existing venturi flowmeters with new thermal-mass insertion flowmeters. These thermal-mass insertion flowmeters will be connected to plant SCADA.

This change will improve accuracy of the air flowrates, and improve the process operation of the aeration basins.
 - c. **DO Probes and Electric Actuators.** Add four new aeration basin dissolved oxygen (DO) probes and five new electrically actuated valves on the aeration basin dropleg pipes. The DO probes will be connected to plant SCADA thru a ProfiNet (Ethernet) network. The electrically actuated valves will be hard-wired back to plant SCADA via CP-11-2. This change will allow plant operations staff to trim air flowrates, thus reducing the electrical demand on the existing blowers.

¹ On December 15, 2017, CH2M HILL Engineers, Inc., became a wholly owned subsidiary of Jacobs Engineering Group Inc.

- d. **New Transmitters.** Replace the Hach Transmitters in Ammonia (NH₄) and Nitrate (NO₃) cabinets to allow the existing DO and Oxidation-Reduction Potential (ORP) probe data to be transmitted to plant SCADA on the new ProfiNet network.

The new communication network will increase the efficiency by which data is transmitted and allow plant staff to operate the aeration basins more efficiently.

2. Subtask 2D.1.2: Mechanical and Process Mechanical Scope Changes.

- a. **BioWin Model Update.** Update the BioWin model to convert from Sanitaire Silver Series diffusers to the Sanitaire Low Pressure diffusers.

The original Amendment 3 scope was based on continued use of Sanitaire Silver Series diffusers. The Silver Series diffusers did not allow a sufficient amount of air to be delivered to aeration basins 1 and 2. The proposed low pressure diffusers will provide peak summer aeration rates in all four aeration basins.

- b. **Air Model.** Jacobs will use a commercially available compressible gas model, Applied Flow Technology (AFT) Arrow, to simulate the pressure drop and flow distribution from the blowers to the diffuser grids. The model will size and select the four air header throttling valves for annual average day, maximum month and peak summer conditions.

The four existing aeration basin air headers each require a throttling butterfly valve to balance the air flow. By properly sizing the throttling valves the blowers can be operated at a lower discharge pressure and reduce the blower electrical demand.

3. Subtask 2D.1.3: Additional GMP packages.

- a. **GMP for CP-11-2.** Develop new GMP package for the panel CP-11-2.

The existing panel CP-11-2 will not support the new data communication to the new and existing valves and instruments. The new CP-11-2 will have an upgraded Siemens PLC and fiber patch panel for communication to plant SCADA.

A GMP package is required so that the panel components can be procured and fabricated in 2024, and installed as part of the March 2025 aeration basin 1 shutdown.

- b. **GMP for Unistrut Replacement.** Develop a new GMP package to replace Unistrut supports between aeration basin 1 and 2, and aeration basin 3 and 4, with metallic tubular supports. The new metallic tubular supports will carry (1) the new communication conduit, (2) pipe for the hypochlorite spray system at aeration basins 1 and 2 and (3) plant service water pipe for the aeration basin plant service water system.

The existing Unistrut supports do not meet the Florida Building code for hurricane wind loads.

- c. **GMP for Mini Power Zone.** Develop a GMP package for a new mini power zone consisting of a transformer, disconnect switch and lighting panel.

The existing mini power zone does not have capacity for the new 120-volt services needed to power the ProfiNet communication network power hubs and the new 120-volt dropleg electric actuators.

4. Subtask 2D.1.4: Additional Meetings and Site Visits.

- a. **Additional Meetings and Site Visits.** Additional meetings are needed to communicate with Buckman plant staff the additional scope described in this amendment. The meetings included in this amendment include the following topics: (1) electrical and instrumentation, (2) structural inspection, (3) communication network, (4) cost estimate, and (5) field trip to the Blacks Ford WRF to review the electric actuators and communication network.

5. Subtask 2D.1.5: Updates to Preliminary Engineering Report.

- a. **Update PER.** The preliminary engineer report was finalized prior to the changes described in this amendment were completed.

Update the PER to reflect the selected communication network, electric actuator selection and revised schedule to complete CP-11-2, mini power zone, and the metallic tubular supports prior to the March 2025 aeration basin 1 shutdown.

6. Subtask 2D.1.6: Updates to Cost Estimate for Additional Scope Items.

7. **Prepare Cost Estimate.** A 30% complete construction cost estimate will be prepared to show the Aeration Basin Improvements project cost and allow JEA to decide if scope should be deleted.

8. Subtask 2D.1.7: Shop Drawing Review in Year 2024.

- a. **Shop Drawing Review.** Three of the new GMP packages will require shop drawing review; CP-11-1 components, mini-power zone components and the metallic tube supports to replace the Unistrut. The shop drawing review will occur in Year 2024 so that the equipment can be fabricated and delivered to Buckman in late 2024. The installation of this equipment will occur prior to the March 2025 shutdown.

Meetings. The following meetings described in subtask 2D.1.4 (Additional Meetings and Site Visits), will be conducted as part of this amendment.

- a. Communication network meeting with JEA and WSI to review the options for the communication networks and electric actuators.
- b. Electrical and instrumentation meeting to review options to add the mini power zone and CP-11-2 as GMP packages.
- c. Structural meeting to review options to cover the secondary clarifier corners and install new metallic tubular supports that meet Florida building code.
- d. Review the 30% construction estimate.
- e. Summarize the Blacks Ford WRF field trip to inspect the existing ProfiNet communication network.

Deliverables. The following deliverables will be provided as part of Task 2D

- a. 30% cost estimate.
- b. Four additional GMP packages:
 - Control panel CP-11-2.
 - Metallic tube supports on the aeration basin to support
 - Mini Power Zone.
 - Permanent Wellpoint design
- c. Agenda and meeting notes from the new meetings.

Assumptions. The following additional assumptions are added to the Amendment 3 assumptions.

- a. **Construction Schedule.** Work to install CP-11-2, the mini power zone and the metallic tube supports will need to be completed prior to the March 2025 shutdown.
- b. **Design Process.** Jacobs will work continuously between 30% and 90% to meet the deadline to deliver the 90% drawings and specifications. For the 60% review meeting Jacobs will prepare a package of drawings and specifications for JEA review This 60% package will not get an internal QC review by Jacobs. While JEA is reviewing the 60% package Jacobs will continue to work towards the 90% deliverable.
- c. **Providing Construction/Cost Estimates -** In providing opinions of cost, financial analyses, economic feasibility projections, for the project, Jacobs has no control over cost or price of labor and materials; unknown or latent conditions of existing equipment or structures that may affect operation or maintenance costs; competitive bidding procedures and market conditions; time or quality of performance by operating personnel or third parties; and other economic and operational factors that may materially affect the ultimate project cost or schedule. Therefore, Jacobs makes no warranty that Client's actual project costs, financial aspects, economic feasibility, will not vary from Jacobs' opinions, analyses, projections, or estimates and Jacobs shall have no liability for such variances.

JEA Responsibilities

- a. JEA will provide review comments on deliverables that require JEA input including the GMP packages, 60 percent and 90 percent progress plan and specifications in a timely manner to support the overall project schedule.

Payment for Services

Award #2 Supporting Documents 09/11/2024

- a. JEA will pay Jacobs on a time and materials basis for a fee of **\$427,219** for Amendment No. 4, Scope D Tasks 1D, following the task breakdown shown in Table 1. This scope of services basis of payment, will be time and materials each month based on the bill rates provided in Attachment A. Attachment B includes a detailed fee breakdown. The new maximum total contract amount including Scope D and Scope E shall be \$4,492,597.38

Table 1. Design Changes for Aeration Basin Improvements

Amendment No. 4, Scope D – Design Changes for Aeration Basin Improvements

Engineering Services – Time and Materials	Cost
Subtask 1D.1 – Delete Scope for GMP Packages	(\$ 7,567)
Subtask 2D.1.1 – Electrical and I&C Scope Changes:	\$228,895
Subtask 2D.1.2 – Mechanical and Process Mechanical Changes:	\$ 37,540
Subtask 2D.1.3 – Additional GMP packages.	
Develop new GMP package for Electrical and I&C Panel CP-11-2.	\$ 24,948
Develop new GMP package to replace Unistrut supports between at Aeration Basins 1 to 4.	\$ 23,432
Develop new GMP package for the Mini Power Zone.	\$12,464
Revise GMP packages to add ProfiNet Requirements	\$15,584
Subtask 2D.1.4 – Additional Meetings and Site Visits	\$ 35,688
Subtask 2D.1.5 – Updates to Preliminary Engineering Report	\$ 14,840
Subtask 2D.1.6- Updates to Cost Estimate for Additional Scope Items	\$ 22,953
Subtask 2D.1.7 – Shop Drawing Review	\$16,872
Task Total	\$425,649
Total Jacobs Labor	\$425,649
Expenses	\$1570
Total Project Cost Scope D	\$427,219
Previous Contract Amount (Includes Amendment Scope C \$1,705,412)	\$4,011,535.38
New total amount (w/Scope D only)	\$4,438,754.38
New maximum total contract amount (w/ Scope D and E)	\$4,492,597.38

Attachment A includes bill rate categories.

Attachment B includes the detail fee breakdown.

Attachment 1
Change Request Form

CHANGE REQUEST FORM		
CHANGE REQUEST # 11		
Client	Original Project Name	Original SOW #:
JEA	PCCE 12.6 Upgrade	SC-0458
Vendor Services Manager	Client Project Sponsor	Request Date
	Maria Benavides	8/28/2024
Purchase Order to Apply to Changes: PO # (where applicable)		
<u>Change Request Summary</u>		
Original Scope Task	PCCE 12.6 Upgrade on both QA and PROD Enterprise Chat and Email 12.6 environments	
Reason for Change	<p>Deliverable 1 - \$40,000</p> <ul style="list-style-type: none"> • Prosys will provide a detailed and comprehensive Project Plan that outlines every task needed for the successful completion of the implementation of the ECE setup (Email and Chat) to ensure every resource, Prosys and JEA, will be aware of what is require, no ambiguity. • Prosys will provide an error free ECE setup in QA for both ECE Email and Chat based on the design diagram previously provided by Tony Brown from Prosys and approved by TS Security and CIP Director. <ul style="list-style-type: none"> ○ The ECE Email for COMMERCIAL should closely match the existing setup in Production, with any necessary adjustments made carefully to align with the current standards. ○ The ECE Email for RESIDENTIAL should adhere to the SOW provided by Prosys, allowing for adjustments as necessary to meet specific requirements. • Prosys to provide a daily report of detailed accomplishments and alert the team immediate when an issue is identified • <i>All combined work should be completed by September 13, 2024. In the event of a delay beyond this date, a penalty of \$2,000 (\$250 x 8 hours) per day may be applied. This penalty could be attributed to JEA or Prosys, depending on which party is determined to be responsible for the delay.</i> <p>Deliverable 2 - \$40,000</p>	

	<ul style="list-style-type: none"> • Prosys will complete the buildup of the ECE Production setup to identically matched ECE QA (exceptions will include server names and IP addresses) • The new buildup will be designed to minimize errors and achieve a high level of accuracy, ensuring any issues are identified and resolved promptly to maintain quality standards. • JEA agrees to open the needed Firewall under the condition that Prosys provides details of their ACL to limit the level of vulnerability • Prosys to provide a daily report of detailed accomplishments and alert the team immediate when an issue is identified • <i>All combined work should be completed by September 19, 2024. In the event of a delay beyond this date, a penalty of \$2,000 (\$250 x 8 hours) per day may be applied. This penalty could be attributed to JEA or Prosys, depending on which party is determined to be responsible for the delay.</i> <p>Deliverable 3 - \$40,000</p> <ul style="list-style-type: none"> • Prosys works with JEA to complete the detailed portion of the Project Plan for Go-Live • <i>All combined work should be completed by September 30, 2024. In the event of a delay beyond this date, compensation of \$2,000 (\$250 x 8 hours) per day may be applied. This compensation could be attributed to JEA or Prosys, depending on which party is determined to be responsible for the delay.</i>
<p>Project Schedule</p>	<p>This work is scheduled to start on 9/3/2024 and to be completed by 9/30/2024 per the attached revised project plan that details the remaining project tasks.</p> <p>The 9/30/2024 Project Completion Date is contingent on this Change Order being signed by 9/3/2024 to restart the project.</p> <p>The 9/30/2024 Project Completion Date is also contingent on the combined team completing their assigned tasks per the project plan with no further delays.</p> <p>Any new delays will result in a “day for day” slip for Project Completion Date and additional charges through a subsequent Change Order.</p> <ul style="list-style-type: none"> • Additional Liquidated Damages: <i>All combined work should be completed by September 30, 2024. In the event of a delay beyond this date, additional compensation of \$1,000 per day may be applied.</i>

	<p><i>This compensation could be attributed to JEA or Prosys, depending on which party is determined to be responsible for the delay.</i></p> <ul style="list-style-type: none"> <i>The Additional Liquidated Damages shall be limited to 10% of the Contract's Maximum Indebtedness.</i> <i>Both Parties understands and agrees that said daily sum is to be paid not as a penalty, but as compensation as a fixed and reasonable amount for damages and losses suffered by either party because of such default, whether through increased administrative and engineering costs, interference with either parties normal operations, other tangible and intangible costs, or otherwise, which costs will be impossible or impractical to measure or ascertain with any reasonable specificity.</i> 		
Project Pricing	Services will be invoiced on a Fixed Fee Milestone Basis		
	Milestone: Deliverable #1	9/13/2024	\$ 40,000
	Milestone: Deliverable #2	9/19/2024	\$ 40,000
	Milestone: Deliverable #3	9/30/2024	\$ 40,000
	SUB-TOTAL		\$120,000
	TOTAL		\$ 120,000
<u>Signatures</u>			
ProSys/CC Authorized Signer:		Date:	
Print Name:	Title:		
Client Authorized Signer:		Date:	
Print Name:	Title:		

Invoicing Procedures:

PO Number (if applicable): _____



Formal Bid and Award System

Award #5

August 19, 2021

Type of Award Request: REQUEST FOR PROPOSAL (RFP)
Request #: 167
Requestor Name: Thomas, Paul M. - Mgr Safety & Health Services
Requestor Phone: (904) 665-6109
Project Title: Occupational Medical Services
Project Number: HEA0203
Project Location: JEA
Funds: O&M
Budget Estimate: \$1,456,440.00

Scope of Work:

The purpose of this Request for Proposals (this "RFP") is to evaluate and select a firm ("Company" or "Proposer") to provide occupational medical services to JEA (collectively, the "Work" or "Services").

JEA requires onsite medical services to facilitate the health and safety of its employees and meet the business needs of associated processes. The awarded Company will primarily staff, furnish, maintain and perform medical and administrative services at the JEA Medical Clinic currently located at 2525 N. Pearl Street, Jacksonville, FL 32206. The Company shall provide specific medical services as described herein. The Company will provide qualified, experienced, certified and licensed medical and support personnel for the State of Florida. The personnel shall have specific experience in dealing with occupational medicine and industrial medical cases.

JEA IFB/RFP/State/City/GSA#: 1410336848
Purchasing Agent: Selders, Elaine
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Amount
JACKSONVILLE CARENOW URGENT CARE, LLC	Jeannie Jacobson	Jeannie.Jacobson@hcahealthcare.com	4888 Town Center Pkwy, Ste 107, Jacksonville, Florida 32246	\$1,456,440.00

Amount for entire term of Contract/PO: \$1,456,440.00
Award Amount for remainder of this FY: \$0.00
Length of Contract/PO Term: Three (3) Yrs. w/Three (3) – 1 Yr. Renewals
Begin Date (mm/dd/yyyy): 10/01/2021
End Date (mm/dd/yyyy): 09/30/2024
Renewal Options: YES - Three (3) – 1 Yr. Renewals
JSEB Requirement: N/A– Optional

BIDDER:

Name	3 Year Amount	Rank	Final Score
JACKSONVILLE CARENOW URGENT CARE, LLC	\$1,532,160.00	1	77.66
PRIMARY CARE PLUS	\$1,080,750.00	2	67.00
CONCENTRA	N/A	N/A	Disqualified

Background/Recommendations:

Advertised on 06/24/2021. Two (2) companies attended the optional Pre-Proposal meeting on 06/30/2021. At Proposals opening on 07/20/2021, JEA received three (3) Proposals but one was disqualified for not providing the all-inclusive pricing as requested on the Proposal Workbook. The companies were evaluated on rates, professional experience, past performance and company experience and design approach. Jacksonville CareNow Urgent Care, LLC has been deemed the highest evaluated Responsive and Responsible Proposer. A copy of the Proposal Form, Proposal Workbook and Evaluation Results are attached as backup.

When comparing the all-inclusive monthly rate between the current contract (\$27,756.00) and the new contract (\$34,950.00), it resulted in an estimated 26% percent increase or \$258,984.00 over the three year term. The increased monthly rate has been attributed to medical staff price increases, and it should be noted that the current service provider notified JEA earlier this year that they would not be interested in continuing to provide these services. The original award amount of \$1,532,160.00 was approximately 17% higher than the forecasted budget estimate and the business made the decision to reduce the award amount by \$75,720.00 to match their budget for FY22. The services listed on Part B of the Workbook are optional services and the business feels it can plan to stay within their budgeted amount. The reduced award amount of \$1,456,440.00 has been deemed reasonable due to increased costs in the healthcare industry.


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

Total cost difference: \$258,984.00 (unit price increase = \$258,984.00)

1410336848 - Request approval to award a contract to Jacksonville CareNow Urgent Care, LLC for Occupational Medical Services in the amount of \$1,456,440.00, subject to the availability of lawfully appropriated funds.

Manager: Thomas, Paul M. - Mgr Safety & Health Services
Director: Long, Anthony B. - Dir Safety & Health Services
Chief: Emanuel, L. David. - Chief Human Resources Officer

APPROVALS:

 August 19, 2021

Chairman, Awards Committee **Date**

 8/19/21

Budget Representative **Date**

PROPOSER INFORMATION:

PROPOSER NAME: Jacksonville CareNow Urgent Care, LLC

BUSINESS ADDRESS: 4888 Town Center Pkwy, Suite 107

CITY, STATE, ZIP CODE: Jacksonville, FL 32246

TELEPHONE: (904) 800-1735

FAX: (904) 641-6297

EMAIL OF CONTACT: Jeannie.jacobson@hcahealthcare.com

WEBSITE: carenow.com

Description of Services – 1410336848 Occupational Medical Services	Total Three Year Proposal Price
Part A Total Three Year Proposal Price – Transfer total from Appendix B – Proposal Workbook (E29)	\$1,258,200.00
Part B Total Three Year Proposal Price – Transfer total from Appendix B – Proposal Workbook (E20)	\$273,960.00
Part A & Part B Total Three Year Proposal Price – Add the two totals for Part A and Part B together (Sum of all services)	\$1,532,160

Quotation of Rates

	SERVICE	RATE/FEE/CHARGE
1.	Complete Medical Certificate form; Review job requirements/ criteria; general review of systems; height, weight, temperature, pulse, blood pressure; audiometric testing; color vision and visual acuity testing; determine ability to perform job requirements; indicate and pre-existing condition for pension purposes	Basic Physical \$75.00 Audiogram \$35.00 Vision \$20.00 Ea
2.	Chest X-ray, one view	\$45.00
3.	Chest X-ray, two view	\$60.00
4.	EKG, when specified	\$55.00
5.	Back X-ray with range of motion examination and functional capacity, two view Lumbar Spine, when specified	\$65.00

Award #4 Supporting Documents 09/12/2024

6.	Tuberculin Test (PPD), or other labs, when specified	\$20.00 (includes TB read)
7.	Pulmonary Function Test, when specified	\$45.00
8.	Hepatitis Profile, when specified	Hep A \$92.00 Hep B \$70.00 Hep C \$89.00
9.	Urine specimen collection for 7 Panel Drug Screen (Cannabinoids, Cocaine, Opiates, 6-Acetylmorphine, Phencyclidine, Amphetamines, Methylenedioxymethamphetamine) a. Initial Test b. Confirmation test by GC/MS c. Additional lab fees (e.g. retest of specimen, quantitative)	Standard 7 Panel (Includes confirmation, lab fee's, MRO services) \$45.00
10.	Urine specimen collection for 5 Panel Drug Screen (Amphetamines, Cocaine, Cannabinoids, Opiates, Phencyclidine, Barbiturates, Benzodiazepines, Methaqualone, Methadone, Propoxyphene). a. Initial Test b. Confirmation test by GC/MS c. Additional lab fees (e.g. retest of specimen, quantitative)	Standard 5 Panel (Includes confirmation, lab fee's, MRO services) \$40.00
11.	Medical Review Officer (MRO) services to interpret all Controlled Substances Screens	Included in MRO Fee
12.	Alcohol Screen: a. Blood Specimen b. Evidential Breath Test (EBT) c. Confirmation EBT	A.\$45.00 B.\$35.00 C. \$0 (included)
13.	Chemistry Profile (SMAC LP UA CBC Diff) Including Reticulocyte Count	SMAC \$30.00 LP UA \$20.00 CBC \$36.00

Award #4 Supporting Documents 09/12/2024

14.	Titmus vision examination, when specified	\$20.00
15.	Hemoglobin A1C (HbA1C)	\$55
16.	HIV / AIDS, when specified	\$120
17.	Interferon Blood Test for TB	Quantiferon Gold \$120.00

18.	Complete Blood Count w/Differential & Platelet Evaluation	\$20.00
19.	Blood Lead Screen	\$72.00
20.	Blood Lead Screen with ZPP	\$54.00
21.	Heavy Metal Screen (Ar, Cd, Cr, Mr)	\$174
22.	Urinalysis Dip Without Microscopy	\$20
23.	Fitness-for-duty physical examination	Criteria Dependent
24.	Flu	\$20.00
25.	Respirator Mask Fit	\$55.00
26.	Tetanus	Titer \$140.00 Vaccine \$60.00



7-30-24

JEA
Jacksonville, FL

Attn:

Re: LIMESTONE PIPING REPLACEMENT

Yates Construction is pleased to submit this proposal for the above referenced project. This quote is based on the RFP documents as distributed via Zycus. This proposal includes all labor, construction equipment, tools and supervision required to complete the work safely per the scope listed below:

Scope of Work

All work necessary to furnish, fabricate and erect equipment, piping, valves, pipe supports, as indicated on the Contract Drawings and as specified herein shall be provided by the Contractor. This consists of, but not limited to, the following.

- Remove and dispose of current piping and equipment as required.
- Remove, store, and reinstall existing valves and actuators:
 - Twelve (12), 8" knife valves at furnace injection for Unit 1 will be reused.
 - Twelve (12), 8" knife valves at furnace injection for Unit 2 will be reused.
 - Three (3), diverter valves for common piping will be reused.
- Install new valves and actuators to replace existing valves furnished by JEA:
 - Six (6), 10" knife gate valves for Unit 1
 - Six (6), 12" knife gate valves for Unit 1
 - Six (6), 10" knife gate valves for Unit 2
 - Six (6), 12" knife gate valves for Unit 2
- Furnish and install four (4) 10" Sch80 45-degree elbows to tie into existing lateral for bed ash injection:
 - One (1) 10" Sch80 45-degree elbow on Line A Unit 1
 - One (1) 10" Sch80 45-degree elbow on Line B Unit 1
 - One (1) 10" Sch80 45-degree elbow on line A Unit 2
 - One (1) 10" Sch80 45-degree elbow on Line B Unit 2
- Furnish and install twenty-four (24) limestone injection sleeves with mold insert and refractory into Intrex piping:
 - Design per original Foster Wheeler Intrex Section & Details drawing 43-7587-5-387 (Refer to view A1-A1)
 - Four (4) new injection sleeve on Line A Unit 1
 - Four (4) new injection sleeve on Line B Unit 1

- Four (4) new injection sleeve on Line C Unit 1
- Four (4) new injection sleeve on Line A Unit 2
- Four (4) new injection sleeve on Line B Unit 2
- Four (4) new injection sleeve on Line C Unit 2
- Demolish and dispose twenty-four (24) existing limestone injection sleeves with mold insert and refractory into Intrex piping:
 - Four (4) existing injection sleeve on Line A Unit 1
 - Four (4) existing injection sleeve on Line B Unit 1
 - Four (4) existing injection sleeve on Line C Unit 1
 - Four (4) existing injection sleeve on Line A Unit 2
 - Four (4) existing injection sleeve on Line B Unit 2
 - Four (4) existing injection sleeve on Line C Unit 2
- Receive and install new limestone piping and pipe supports per the UCC design drawings:
 - Phases 1 & 2 will reuse most existing supports, with new supports required based on the new pipe routing.
 - Phase 3 piping will reuse most existing supports, with new supports required based on the new pipe routing.
- Structural steel modifications for installation of new pipe supports.
- Reconnect all auxiliary system connections to pre-construction locations in the limestone piping.
- Pre-operational 100% leak test of all joints (must not be by visual methods), with test reports.
- As-built drawing markups

Clarifications

1. This proposal is valid for thirty (30) days from the submittal date.
2. This proposal is based on JEA and Yates reaching mutually agreeable terms and conditions of the construction contract.
3. We have excluded any cost associated with testing, removal, and disposal of any hazardous substance not specifically introduced to the site by Yates.
4. This proposal is based on bid documentation associated with addendum 1.
5. **Rework on Performance Bond Language:**

PROVIDED further, that whenever Contractor shall be declared by JEA to be in default, and be in default, JEA having performed JEA's obligations thereunder, the Surety shall take one (1) of the following actions upon JEA's written notice: ...

We thank you for the opportunity to quote this project and we look forward to working with you on this and other future projects. If you have any questions or require additional information, please do not hesitate to contact me at 904-714-1376 (office).

Respectfully,

Greg DuPree

Estimating Manager – Div. 59

WG Yates & Sons Construction Company

11025 Blasius Road

Jacksonville, Fl. 32226

904-714-1376 office

904-591-8960 cell

gdupree@wgyates.com | www.wgyates.com

Award #5 Supporting Documents 09/12/2024

Appendix B - Bid Forms
1411775846 (IFB) NGS N00 Limestone Piping Replacement

Submit the Response via electronic pdf in accordance with the procedures in the solicitation

Company Name: W.G. Yates & Sons Construction
 Company's Address: 11025 Blasius Rd. Jacksonville Fl. 32226
 License Number: CGC-016099
 Phone Number: 904-714-1376 FAX No: 904-714-0008 Email Address: ddavis@wgyates.com

BID SECURITY REQUIREMENTS	TERM OF CONTRACT
<input type="checkbox"/> None required <input checked="" type="checkbox"/> Certified Check or Bond Five Percent (5%)	<input type="checkbox"/> One Time Purchase <input type="checkbox"/> Term - Five (5) Years w/Two (2) – 1Yr Renewals <input checked="" type="checkbox"/> Other, Specify - Project Completion

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

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

PAYMENT DISCOUNTS

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

Item No.	ENTER YOUR BID FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES:	TOTAL BID PRICE
1	Phase 1 – N02 Day Bin to Furnace Injection Points	\$ <u>1,985,399.37</u>
2	Phase 2 – N01 Day Bin to Furnace Injection Points	\$ <u>2,060,333.75</u>
3	Phase 3 – Crusher Building to N01 & N02 Day Bins	\$ <u>2,463,414.45</u>
4	Total Bid Price (Transfer From Bid Workbook)	\$ <u>6,509,147.57</u>

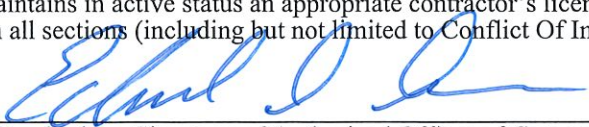
I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public “as-is”.

BIDDER CERTIFICATION

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

We have received addenda

1 through 1


 Handwritten Signature of Authorized Officer of Company or Agent 7/30/2024
 Date

Edward Dwight Davis Division Manager
 Printed Name and Title

GENERAL

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

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

BIDDER INFORMATION

COMPANY NAME: W.G.Yates & Sons Construction

BUSINESS ADDRESS: 11025 Blasius Rd.

CITY, STATE, ZIP CODE: Jacksonville Fl. 32226

TELEPHONE: 904-714-1376

FAX: 904-714-0008

E-MAIL: ddavis@wgyates.com

PRINT NAME OF AUTHORIZED REPRESENTATIVE: Edward Dwight Davis

SIGNATURE OF AUTHORIZED REPRESENTATIVE: 

TITLE OF AUTHORIZED REPRESENTATIVE: Division Manager

MINIMUM QUALIFICATIONS:

Respondent must meet the following Minimum Qualifications to be considered eligible to have its Response evaluated by JEA. Respondent must complete and submit the Minimum Qualification Form provided in this Solicitation. Respondents that are working or have worked for JEA in the past 2 years involving similar work must submit JEA as a reference. JEA reserves the right to ask for additional back up documentation or additional reference projects to confirm the Respondent meets the requirements stated above.

JEA will reject Responses from Respondents not meeting all of the following Minimum Qualifications:

- I. The Respondent must have successfully self-performed similar work preceding the Response Due Date.
- II. Any Respondent whose contract with JEA was terminated for default within the last two years shall have its Response rejected.

- Bidder shall have completed or be in the process of performing two (2) similar contracts within the last 5 years. A similar contract is defined as installation of industrial piping systems of similar size and scope as outlined in the Appendix A Technical Specifications with a contract value of at least \$350,000.

Award #5 Supporting Documents 09/12/2024

Appendix B - Bid Forms
1411775846 (IFB) NGS N00 Limestone Piping Replacement

Please provide the reference verification information requested below pertaining to this contract.

1. REFERENCE

Reference Name Clyde Read

Reference Phone Number 904-759-6724

Reference Company Name JEA

Address of Work 4377 Heckscher Drive Jacksonville Fl. 32226

Reference E-Mail Address readce@jea.com

Dates of Work/\$ Amount 2/24-7/24 \$1,894,258.00

Description of Work Limestone Crusher Install

2. REFERENCE

Reference Name Tommy Norris

Reference Phone Number 904-485-2720

Reference Company Name JEA

Address of Work 4377 Heckscher Drive Jacksonville Fl. 32226

Reference E-Mail Address norrmt@jea.com

Dates of Work/\$ Amount Dates through out the years. Various amounts of projects.

Description of Work Ongoing Maintenance.

LIST OF SUBCONTRACTORS

JEA Solicitation Number 1411775846 requires certain major Subcontractors be listed on this form, unless the work will be self-performed by the Company.

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

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

Type of Work	Corporate Name of Subcontractor	Subcontractor Primary Contact Person & Telephone Number	Subcontractor's License Number (if applicable)	Percentage of Work or Dollar Amount
Crane Work	Beyel Bros Crane	Keven McElveen 904-654-9697		\$482,513.00
Scaffolding	Sunbelt Rentals	Cameron Chambers 904-237-4818		\$386,492.00

Signed: 

Company: W.G.Yates&Sons Construction

Address: 11025 Blasius Rd. Jacksonville Fl. 32226

Award #5 Supporting Documents 09/12/2024

Appendix B - Bid Forms
1411775846 (IFB) NGS N00 Limestone Piping Replacement


Date: 7/30/2024

LIST OF JSEB SUBCONTRACTORS

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

Class of Work (Category) Dollar Amount	Name of JSEB Contractor (Indicate below)	Percentage of Total Job or
None		

None

Signed: 

Company: W.G.Yates&SonsConstruction

Address: 11025 Blasius Rd. Jacksonville Fl.32226

Date: 7/30/2024

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

BID BOND

STATE OF FLORIDA

COUNTY OF: Duval

KNOW ALL PERSONS BY THESE PRESENTS, That we, W.G. Yates & Sons Construction Company (hereinafter called "Principal"), and Fidelity & Deposit Company of Maryland as Surety (hereinafter called "Surety"), are held and firmly bound unto the JEA of the City of Jacksonville, Florida (hereinafter called the "JEA"), in the sum of \$ Five Percent (5%), lawful money of the United States of America, for the payment which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents:

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

NGS 00 Limestone Piping Replacement, 21 W. Church St. Jacksonville, FL 322202

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

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

IN WITNESS WHEREOF, the said Principal and the said Surety have duly executed this bond the 30th day of July, 2024.

ATTEST:

Amy Johnson
Signature

Amy Johnson
Type/Print Name

Signature

Type/Print Name

Signed, Sealed and Delivered in the Presence of:

Signature

Type/Print Name

Signature

Type/Print Name

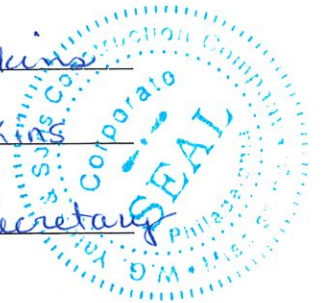
W.G. Yates & Sons Construction Company
(Principal Company Name)

Melanie Jenkins
Signature

Melanie Jenkins
Type/Print Name

Corporate Secretary
Title

AS PRINCIPAL



Fidelity & Deposit Company of Maryland
(Surety Company Name)

George F. Burnett
Signature

George F. Burnett
Type/Print Name

Attorney-in-Fact
Title

AS SURETY



Name of Agent: Security Insurance Group

Address: 802 Kosciusko Rd

Philadelphia, MS 39350

Countersigned:

By Robert Corley McLendon
Resident Agent
State of Florida

Name of Firm: Fisher Brown Bottrell, A Marsh & McLennan Agency LLC Company

Address: 19 W. Garden Street, Suite 300
Pensacola, FL 32502

Form Approved:

Assistant General Counsel

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by Robert D. Murray, Vice President, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **George F. BURNETT, Susan Joyner BOBO, John C KING and Allen D. HARDY, all of Philadelphia, Mississippi**, its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 21st day of November, A.D. 2023.



**ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**

By: *Robert D. Murray*
Vice President

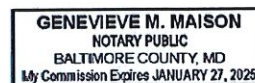
By: *Dawn E. Brown*
Secretary

**State of Maryland
County of Baltimore**

On this 21st day of November A.D. 2023, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Genevieve M. Maison



EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 30th day of July, 2024,




By: Mary Jean Pethick
Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
reportsfclaims@zurichna.com
800-626-4577

Authenticity of this bond can be confirmed at bondvalidator.zurichna.com or 410-559-8790

Award #5 Supporting Documents 09/12/2024

Project: NGS N00 Limestone Piping Replacement
 Location: JEA Northside Generating Station
 Project Manager: Chuck Bursich
 Technical Lead: Kendrick Taylor
 EOR: Black & Veatch

BID FORM: The Contractor shall provide a lump sum price for replacing the existing limestone piping from the Limestone Crusher Building to the Day Bins, and from the Day Bins to the injection ports per the General Construction Specification. This bid shall be broken down by the below work items:

Item Description	Estimated Number of Workdays	Bid Price	Bid Unit
Phase 1 – N02 Day Bin to Furnace Injection Points			
N02 Mobilization (including material and equipment staging)	1.6	\$ 84,134.45	LS
Line A Demolition and Disposal	1.1	\$ 135,283.97	LS
Line A Installation (piping, valves, and appurtenances)	9	\$ 550,857.66	LS
Line B Demolition and Disposal	1.1	\$ 135,283.97	LS
Line B Installation (piping, valves, and appurtenances)	7.8	\$ 482,916.29	LS
Line C Demolition and Disposal	1.2	\$ 138,246.90	LS
Line C Installation (piping, valves, and appurtenances)	5.7	\$ 380,249.82	LS
N02 Limestone Piping System Testing	0.6	\$ 44,772.53	LS
N02 Demobilization	0.6	\$ 33,653.78	LS
Subtotal:		\$ 1,985,399.37	LS
Phase 2 – N01 Day Bin to Furnace Injection Points			
N01 Mobilization (including material and equipment staging)	1.5	\$ 57,547.34	LS
Line A Demolition and Disposal	1.5	\$ 132,091.59	LS
Line A Installation (piping, valves, and appurtenances)	10.3	\$ 479,925.37	LS
Line B Demolition and Disposal	1.5	\$ 133,252.61	LS
Line B Installation (piping, valves, and appurtenances)	11.3	\$ 517,072.55	LS
Line C Demolition and Disposal	1.5	\$ 133,282.82	LS
Line C Installation (piping, valves, and appurtenances)	10.8	\$ 500,900.31	LS
N01 Limestone Piping System Testing	1.8	\$ 71,732.76	LS
N01 Demobilization	1	\$ 34,528.40	LS
Subtotal:		\$ 2,060,333.75	LS
Phase 3 – Crusher Building to N01 & N02 Day Bins			
Common Limestone Pipe Mobilization (including material and equipment staging)	1	\$ 35,325.09	LS
Line A Demolition and Disposal	1.2	\$ 122,252.52	LS
Line A Installation (piping, valves, and appurtenances)	11.7	\$ 657,758.46	LS
Line B Demolition and Disposal	1.2	\$ 123,430.02	LS
Line B Installation (piping, valves, and appurtenances)	11.5	\$ 645,236.90	LS
Line C Demolition and Disposal	1.5	\$ 131,672.54	LS
Line C Installation (piping, valves, and appurtenances)	11.5	\$ 647,303.42	LS
Common Limestone Pipe System Testing	1.2	\$ 72,175.43	LS
Common Limestone Pipe Demobilization	0.5	\$ 28,260.07	LS
Subtotal:		\$ 2,463,414.45	LS
Total Bid (sum all subtotals):		\$ 6,509,147.57	LS

KEVILLE ENTERPRISES, INC.
Calculations for Year 6 Budget
Year 6 (July 1, 2024 - June 30, 2025)

YEAR	TOTALS:	
1	\$ 3,425,307	Actual
2	\$ 3,311,272	Actual
3	\$ 4,644,321	Actual
4	\$ 6,094,037	Actual
5	\$ 6,562,394	Actual
6	\$ 5,924,388	Estimated
	\$ 29,961,719	

\$ 26,783,429 Current Approved Contract Value for Base Contract (Year 1 - 5)

\$ 3,178,290 Funding Needed to Cover Option Year #1 (Year 6)

TOTAL COSTS for OPTION YEAR #1					
	Name	Total Expenses	Total Hours	Hourly Rate	Total Costs for Year
1	Azadani, Mohammad	\$ 1,800	1920	\$ 153.64	\$ 296,789
2	Davis, Randall	\$ 1,800	1920	\$ 139.14	\$ 268,949
3	Edmiston, James	\$ 600	1920	\$ 144.33	\$ 277,714
4	Hawk, Thomas	\$ 2,400	1920	\$ 166.97	\$ 322,982
5	Helmick, Emily	\$ 1,800	1920	\$ 101.63	\$ 196,930
6	Hepburn, Brian	\$ 2,400	1920	\$ 143.97	\$ 278,822
7	Holmes, Boyce	\$ 2,400	1920	\$ 128.29	\$ 248,717
8	Johnson, Selena	\$ 2,400	1920	\$ 128.29	\$ 248,717
9	Jones-Murray, Gwen	\$ 1,800	1920	\$ 98.69	\$ 191,285
10	Lagow, Scott	\$ 600	1920	\$ 162.13	\$ 311,890
11	McDowell, Wayne	\$ 2,400	1920	\$ 149.68	\$ 289,786
12	Pinkstaff, Larry	\$ 600	1920	\$ 162.13	\$ 311,890
13	Porten, Shanna	\$ 1,800	1920	\$ 117.60	\$ 227,592
14	Roysdon, Jordan	\$ 3,600	1920	\$ 69.90	\$ 137,808
15	Savage, David	\$ 1,800	1920	\$ 146.29	\$ 282,677
16	Shea, Jared	\$ 1,800	1920	\$ 86.04	\$ 166,997
17	Spurlock, Mike	\$ 1,800	1920	\$ 130.67	\$ 252,686
18	Swilley, Shelton	\$ 1,800	1920	\$ 112.85	\$ 218,472
19	Vigliotti, Scott	\$ 3,600	1920	\$ 71.12	\$ 140,150
Sub #1	APTIM Environ.	\$ -	LS	\$ -	\$ 559,766
Sub #2	AREC Safety	\$ 36,900	5760	\$ 114.04	\$ 693,770
		Total for Option 1 =		\$	5,924,388

Notes:

- 1) Option Year 1 rates reflect CPI increase approved by JEA.
- 2) AREC Safety estimate based on average rate of 3 current personnel x 1,920 hrs/ea.
- 3) AREC Safety expenses breakdown: \$975/mo vehicle, \$50/mo cell phone times 3 personnel each month.
- 4) APTIM total estimate is \$865,846. Thru June 30, 2024, APTIM invoiced \$306,080.

Award #R02 Supporting Documents 09/12/2024

1411792846 Appendix B - Bid Form
7732 Merrill Rd & 2530 Mayapple - Pump Station Upgrades

Company Name: Ferreira Construction Co., Inc.

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

Phone Number: 904-222-6810 Email Address: npayne@ferreiraconstruction.com

License Number: CGC1509419, EC13006679

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

SAMPLE REQUIREMENTS <input checked="" type="checkbox"/> None required <input type="checkbox"/> Samples required prior to Bid Opening <input type="checkbox"/> Samples may be required subsequent to Bid Opening	SECTION 255.05, FLORIDA STATUTES CONTRACT BOND <input type="checkbox"/> None required <input checked="" type="checkbox"/> Bond required 100% of Bid Award
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QUANTITIES <input type="checkbox"/> Quantities indicated are exacting <input checked="" type="checkbox"/> Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.	INSURANCE REQUIREMENTS <p style="text-align: center;">Insurance required</p>
--	---

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

ENTER YOUR BID FOR IFB 1411792846	TOTAL BID PRICE
Total Bid Price (enter total from cell G110 in the Bid Workbook)	\$ 8,329,965.87

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

BIDDER'S CERTIFICATION

By submitting this Bid, the Bidder certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Bidder's Company, that the Company is legally authorized to do business in the State of Florida, and that the Company maintains in active status an appropriate contractor's license for the work (if applicable). The Bidder also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation, and that the Bidder is an authorized distributor or manufacturer of the equipment that meets the Technical Specifications stated herein.	
We have received addenda <u>1</u> through <u>2</u>	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  Handwritten Signature of Authorized Officer of Company or Agent Nicholas Payne - Division Manager Printed Name and Title </div> <div style="text-align: right;"> 08/20/2024 Date </div> </div>

Award #R02 Supporting Documents 09/12/2024

1411792846 Appendix B - Bid Workbook	
Construction Services and Upgrades for Merrill Rd. and Mayapple Rd. Pump Stations (Only complete the Prices in Yellow Cells)	
	Company: Ferreira Construction Co., Inc.
<small>Unless otherwise noted, column B refers to paragraphs/sections found in the latest edition of the JEA Water and Wastewater Standards Manual. This document can be found on www.jea.com. *Refer to Appendix A - Technical Specifications.</small>	

Part A1 - Base Bid - 7732 Merrill Road Pump Station Upgrade						
Item	JEA W/WW Standards Manual Section	Description	Est. Qty.	Unit	Unit Price	Extended Price
1	801-3.1	Demolition and Abandonment of Existing Pump Station	1	LS	\$ 76,520.00	\$ 76,520.00
2	801-18	Pump Station				
		SOV A - Furnish, Operate & Maintain Temporary Bypass Pumping Facilities	1	LS	\$ 163,807.85	\$ 163,807.85
		SOV B - Furnish & Install Precast Concrete Wetwell, including HDPE Liner	1	LS	\$ 1,318,764.69	\$ 1,318,764.69
		SOV C - Misc. Site Work, Clearing, Grubbing, Loaming, Sodding, Final Grading, Erosion Control and Site Restoration	1	LS	\$ 99,646.19	\$ 99,646.19
		SOV D - Furnish & Install Concrete Pavement and Equipment Pads	1	LS	\$ 172,117.68	\$ 172,117.68
		SOV E - Furnish & Install Submersible Non-Clog Pumps, Complete and Operational	1	LS	\$ 533,640.36	\$ 533,640.36
		SOV F - Furnish & Install Standby Emergency Generator System, Automatic Transfer Switch, Platform, and Stairs	1	LS	\$ 486,636.72	\$ 486,636.72
		SOV G - Furnish & Install Emergency Diesel Pumping System	1	LS	\$ 385,575.90	\$ 385,575.90
		SOV H - Furnish & Install All Above Grade Pump and Wetwell Discharge Piping, Fittings and Valves	1	LS	\$ 320,932.66	\$ 320,932.66
		SOV I - Instrumentation & Controls Complete and Operational	1	LS	\$ 183,001.36	\$ 183,001.36
		SOV J - RTU and HMI Programming, Complete and Operational	1	LS	\$ 29,950.20	\$ 29,950.20
		SOV K - Electrical System and Associated Items, Complete and Operational	1	LS	\$ 603,976.09	\$ 603,976.09
		SOV L - Connection to All Existing Force Main	1	LS	\$ 77,058.24	\$ 77,058.24
		SOV M - Furnish and Install Landscaping Shrubs, Irrigation Piping, and Appurtenances	1	LS	\$ 79,071.91	\$ 79,071.91
		SOV N - Furnish & Install Odor Control System Underground Utilities	1	LS	\$ 26,198.91	\$ 26,198.91
		SOV O - Record Drawings	1	LS	\$ 55,935.15	\$ 55,935.15
Part A1 Subtotal						\$ 4,612,833.91

Part A2 - Unit Price: 7732 Merrill Road Pump Station Upgrade						
Item	JEA W/WW Standards Manual Section	Description	Est. Qty.	Unit	Unit Price	Extended Price
3	801-3.2.2	Abandonment of Piping by Plugs (all diameters)	10	EA	\$ 3,156.32	\$ 31,563.20
4	801-3.2.3	Abandonment of Existing 8-inch Piping by Grout Filling	250	LF	\$ 94.14	\$ 23,535.00
5	801-3.2.3	Abandonment of Existing 10-inch Piping by Grout Filling	150	LF	\$ 92.89	\$ 13,933.50
6	801-3.2.4	Removing Existing Force Main Below Grade	170	LF	\$ 168.86	\$ 28,706.20
7	801-3.4.4	Additional A-3 Soil Backfill	100	CY	\$ 42.62	\$ 4,262.00
8	801-3.4.9	Removal of Unsuitable Material and Replacement A-3 Soil Backfill	100	CY	\$ 265.47	\$ 26,547.00
9	801-3.5	Excavatable Flowable Fill	100	CY	\$ 463.16	\$ 46,316.00
10	801-8.3	Complete Removal and Disposal of Existing Bituminous Pavement	900	SY	\$ 29.72	\$ 26,748.00
11	801-8.4	Furnish & Install Pavement Repair - Cross Cut and Patches (Sub-base, Base Course, and Asphalt)	150	SY	\$ 238.74	\$ 35,811.00
12	801-8.4	Furnish & Install Pavement Repair - Cross Cut and Patches (Asphalt Overlay)	150	SY	\$ 56.55	\$ 8,482.50
13	801-8.8	Existing Pavement Milling and Resurfacing	900	SY	\$ 83.15	\$ 74,835.00
14	801-9.1	Removal of Sidewalk	50	SY	\$ 68.10	\$ 3,405.00
15	801-9.2	Removal of Driveway	60	SY	\$ 97.91	\$ 5,874.60
16	801-9.3	Removal of Curb and Gutter	220	LF	\$ 37.36	\$ 8,219.20
17	801-9.4	Installation of Concrete Sidewalk	40	SY	\$ 89.47	\$ 3,578.80
18	801-9.5	Installation of Concrete Driveways	140	SY	\$ 202.55	\$ 28,357.00
19	801-9.6	Installation of Curb and Gutter	220	LF	\$ 78.22	\$ 17,208.40
20	801-10	Furnish & Install Perimeter Fencing and Appurtenances	500	LF	\$ 143.51	\$ 71,755.00
21	801-10	Furnish & Install Perimeter Gates and Appurtenances	2	EA	\$ 3,807.51	\$ 7,615.02
22	801-11.2	Furnish & Install Stormwater Drainage Control Structure	1	EA	\$ 46,879.92	\$ 46,879.92
23	801-12.9	Furnish & Install 1 1/2 inch HDPE Water Service	200	LF	\$ 64.46	\$ 12,892.00
24	801-13.3	Furnish & Install Water Valves	3	EA	\$ 4,633.09	\$ 13,899.27
25	801-13.6	Furnish & Install Backflow Prevention Device	1	EA	\$ 14,558.35	\$ 14,558.35
26	801-14.1	Furnish & Install Polymer Sewer Manholes, Type A, 4 ft diameter, 12 ft to 14 ft depth	5	EA	\$ 68,550.00	\$ 342,750.00
27	801-14.1	Furnish & Install Polymer Sewer Manholes, Type A, 5 ft diameter, 12 ft to 14 ft depth	1	EA	\$ 79,050.00	\$ 79,050.00
28	801-14.4	Furnish & Install Connection to Existing Sewer Manholes (10-inch diameter PVC pipe, with Grout, Plate S-15)	2	EA	\$ 4,506.96	\$ 9,013.92
29	801-15.1	Furnish & Install 8-inch Diameter PVC, SDR 26, Gravity Sewer Lines, 12 ft to 14 ft depth	180	LF	\$ 723.25	\$ 130,185.00
30	801-15.1	Furnish & Install 10-inch Diameter PVC, SDR 26, Gravity Sewer Lines, 12 ft to 14 ft depth	50	LF	\$ 948.35	\$ 47,417.50
31	801-15.1	Furnish & Install 15-inch Diameter PVC, SDR 26, Gravity Sewer Lines, 12 ft to 14 ft depth	165	LF	\$ 3,713.74	\$ 612,767.10
32	801-17.1	Furnish & Install Wastewater Valves	1	EA	\$ 21,683.41	\$ 21,683.41
33	801-17.2	Furnish & Install Wastewater Tapping Sleeves & Valves	1	EA	\$ 58,863.85	\$ 58,863.85
34	801-19.2	Furnish & Install Lining for Existing Sewer Manhole, 12 ft to 14 ft depth	2	EA	\$ 23,940.27	\$ 47,880.54
Part A2 Subtotal						\$ 1,904,593.28

Part A3 - Alternate: 7732 Merrill Road Pump Station Upgrade						
Item	JEA W/WW Standards Manual Section	Description	Est. Qty.	Unit	Unit Price	Extended Price
35	801-14.1	Furnish & Install Precast Concrete Sewer Manholes, Type A, 4 ft diameter, 12 ft to 14 ft depth (Owner may elect to substitute these materials for the Base Bid manufacturer)	5	EA	\$ 17,007.50	\$ 85,037.50
36	801-14.1	Furnish & Install Precast Concrete Sewer Manholes, Type A, 5 ft diameter, 12 ft to 14 ft depth (Owner may elect to substitute these materials for the Base Bid manufacturer)	1	EA	\$ 37,240.38	\$ 37,240.38
37	801-19.1	Furnish & Install Lining for New Manhole, 4 ft diameter, 12 ft to 14 ft depth (Owner may elect to substitute these materials for the Base Bid manufacturer)	5	EA	\$ 6,960.82	\$ 34,804.10
38	801-19.1	Furnish & Install Lining for New Manhole, 5 ft diameter, 12 ft to 14 ft depth (Owner may elect to substitute these materials for the Base Bid manufacturer)	1	EA	\$ 27,898.11	\$ 27,898.11
Part A3 Subtotal						\$ 184,980.09

Part A4 - Allowances: 7732 Merrill Road Pump Station Upgrade						
						Extended Price
Permitting Allowance						\$ 40,000.00

Award #R02 Supporting Documents 09/12/2024

						Supplemental Work Authorization (SWA)	\$ 200,000.00
						Allowances Subtotal	\$ 240,000.00
7732 Merrill Road (Part A1+A2+A3+A4) Subtotal						\$	6,942,407.28
Part B1 - Base Bid - 2530 Mayapple Road Pump Station Upgrade							
Item	JEA W/WW Standards Manual Section	Description	Est. Qty.	Unit	Unit Price	Extended Price	
1	801-3.1	Demolition and Abandonment of Existing Pump Station	1	LS	\$ 47,500.00	\$ 47,500.00	
2	801-18	Pump Station					
		SOV A - Furnish, Operate & Maintain Temporary Bypass Pumping Facilities	1	LS	\$ 55,000.00	\$ 55,000.00	
		SOV B - Misc. Site Work, Clearing, Grubbing, Loaming, Sodding, Final Grading, Erosion Control and Site Restoration	1	LS	\$ 198,600.00	\$ 198,600.00	
		SOV C - Furnish & Install Concrete Pavement and Equipment Pads	1	LS	\$ 14,500.00	\$ 14,500.00	
		SOV D - Furnish & Install Submersible Non-Clog Pumps, Complete and Operational	1	LS	\$ 395,000.00	\$ 395,000.00	
		SOV E - Furnish & Install All Above Grade Pump and Wetwell Discharge Piping, Fittings and Valves	1	LS	\$ 95,778.45	\$ 95,778.45	
		SOV F - Instrumentation & Controls Complete and Operational	1	LS	\$ 142,000.00	\$ 142,000.00	
		SOV G - RTU and HMI Programming, Complete and Operational	1	LS	\$ 14,500.00	\$ 14,500.00	
		SOV H - Electrical System and Associated Items, Complete and Operational	1	LS	\$ 136,000.00	\$ 136,000.00	
		SOV I - Connection to All Existing Force Main	1	LS	\$ 49,500.00	\$ 49,500.00	
		SOV J - Record Drawings	1	LS	\$ 24,860.07	\$ 24,860.07	
Part B1 Subtotal						\$	1,173,238.52
Part B2 - Unit Price: 2530 Mayapple Road Pump Station Upgrade							
Item	JEA W/WW Standards Manual Section	Description	Est. Qty.	Unit	Unit Price	Extended Price	
3	801-10	Furnish & Install Perimeter Fencing and Appurtenances	30	LF	\$ 75.74	\$ 2,272.20	
4	801-14.1	Furnish & Install Polymer Sewer Manholes, Type A, 5 ft diameter (14 - 16 ft depth)	1	EA	\$ 49,820.00	\$ 49,820.00	
5	801-15.1	Furnish & Install 15-inch Diameter PVC SDR 26, Gravity Sewer Lines, 14 ft to 16 ft depth	20	LF	\$ 464.00	\$ 9,280.00	
Part B2 Subtotal						\$	61,372.20
Part B3 - Alternate: 2530 Mayapple Road Pump Station Upgrade							
Item	JEA W/WW Standards Manual Section	Description	Est. Qty.	Unit	Unit Price	Extended Price	
6	801-14.1	Furnish & Install Precast Concrete Sewer Manholes, Type A, 5 ft diameter, 14 ft to 16 ft depth (Owner may elect to substitute these materials for the Base Bid manufacturer)	1	EA	\$ 20,393.39	\$ 20,393.39	
7	801-19.1	Furnish & Install Lining for New Manhole, 5 ft diameter, 14 ft to 16 ft depth (Owner may elect to substitute these materials for the Base Bid manufacturer)	1	EA	\$ 7,554.48	\$ 7,554.48	
Part B3 Subtotal						\$	27,947.87
Part B4 - Allowances: 2530 Mayapple Road Pump Station Upgrade							
						Permitting Allowance	\$ 25,000.00
						Supplemental Work Authorization (SWA)	\$ 100,000.00
						Allowances Subtotal	\$ 125,000.00
2530 Mayapple Road (Part B1+B2+B3+B4) Subtotal						\$	1,387,558.59

Total Bid Price (transfer total to Page 1 Appendix B - Bid Form)	\$ 8,329,965.87
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JSEB Overview	
Total Bid Price less General Conditions, SWAs and Allowances	\$ 7,964,965.87
JSEB Requirement %	10%
JSEB Requirement \$	\$ 796,496.59

**General Conditions costs shall be full compensation for the CONTRACTOR'S general conditions, including, but not limited to preparing and acquiring bonds, insurance, mobilization/demobilization. Payment shall be spread equally over the duration of the project.