

# Welcome to the JEA Awards Meeting

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

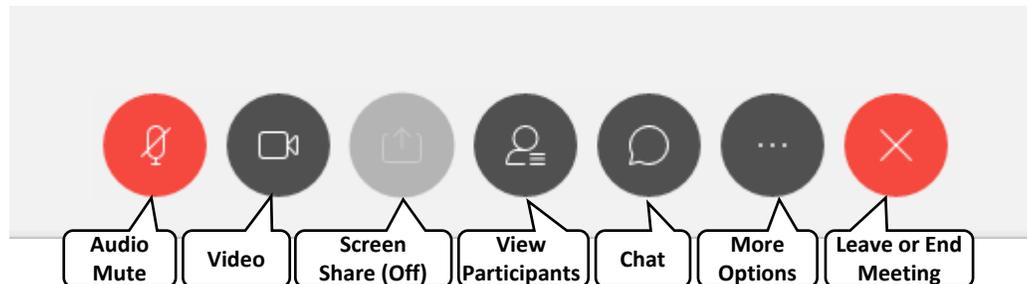
We will unmute your lines during the public comment time and provide opportunity for you to speak.

During the meeting, interested persons can also email **Halley Reiman** at [reimhj@jea.com](mailto:reimhj@jea.com) to submit public comments to be read during the meeting regarding any matter on the agenda for consideration.

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

Please contact **Halley Reiman** by telephone at **(904) 665-8815** or by email at [reimhj@jea.com](mailto:reimhj@jea.com) if you experience any technical difficulties during the meeting.

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



## **AWARDS COMMITTEE AGENDA**

**DATE:** Thursday, December 16, 2021

**TIME:** 10:00 A.M.

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

### **Public Comments:**

### **Awards:**

1. Approval of the minutes from the last meeting (12/09/2021).
2. 1410432846– Request approval to award contracts to Petticoat-Schmitt Civil Contractors, Inc. (\$7,410,724.00) and Sawcross, Inc. (\$5,730,643.75) for construction services for Construction Services for the Southwest-5104 118th St. and 6217 Wilson Blvd. - Class III/IV Pump Station Upgrades projects in the amount of \$13,141,367.75, subject to the availability of lawfully appropriated funds.
3. Request approval to award a contract increase to Constantine Engineering, LLC for services during construction for the 5104 118th St - Class III/IV PS and 6217 Wilson Blvd. - Class III/IV PS Rehabilitation projects in the amount of \$815,957.00, for a new not-to-exceed amount of \$1,686,410.00, subject to the availability of lawfully appropriated funds.
4. Request approval to award a renewal and contract increase to England-Thims & Miller, Inc. for the Design, Permitting and Construction Management for the Galvanized Pipe Replacement Program in the amount of \$2,830,957.00, for a new not-to-exceed amount of \$6,130,957.00, subject to the availability of lawfully appropriated funds.
5. Request approval to award a one (1) year renewal to Bob's Backflow, Inc. for backflow prevention testing services in the amount of \$690,000.00, for a new not-to-exceed amount of \$2,070,00.00, subject to the availability of lawfully appropriated funds.
6. Request approval to award a three (3) year contract to AvePoint, Inc. to continue using JEA's existing backup/restore for Cloud and On-premise software in the amount of \$584,640.00, subject to the approval of lawfully appropriated funds.
7. Request approval to increase the contract with Insituform Technologies, LLC for Cured-In-Place Pipe (CIPP) Unit Price Construction in the amount of \$957,877.00, for a new, not-to-exceed amount of \$2,457,877.00, subject to the availability of lawfully appropriated funds.
8. Request approval to award a contract increase to The Haskell Company for construction services for CMAR Services for the Greenland WRF project in the amount of \$108,505,039.00, for a new not-to-exceed amount of \$118,554,450.01, subject to the availability of lawfully appropriated funds.
9. Request approval to award a change order to CGC, Inc. for the Deerwood Park Blvd. Roadway and Bridge Improvements project in the amount of \$21,908.75, for a new, not-to-exceed amount of \$320,415.75, subject to the

availability of lawfully appropriated funds.

10. Request approval to award a contract to Sentient Energy Inc. for the SAIDI Reduction Program in amount of \$1,333,641.00, subject to the availability of lawfully appropriated funds.
11. 1410462046 – Request approval to award a contract to Dis-Tran Steel LLC in the amount of \$953,934.00 for Steel Poles & Caissons services, subject to the availability of lawfully appropriated funds.
12. Request approval to award a contract increase to Merrell Bros, Inc. for residuals hauling and disposal in the amount of \$924,690.51, for a new not-to-exceed amount of \$4,545,401.23, subject to the availability of lawfully appropriated funds.
13. Request approval to award a contract renewal increase to Allied Universal Corporation for sodium hypochlorite in the amount of \$1,905,090.77, for a new not-to-exceed of \$10,814,090.77, subject to the availability of lawfully appropriated funds.
14. 1410431046 – Request approval to award a contract to Thompson Industrial Services in the amount of \$765,030.00 and MPW Industrial Services in the amount of \$327,870.00 for Industrial Cleaning services, for a not-to-exceed amount of \$1,092,900.00, subject to the availability of lawfully appropriated funds.
15. Request approval to award a contract renewal to Polydyne Inc. for Liquid Emulsion Polymer in the amount of \$1,488,178.77, for a new not-to-exceed of \$4,978,678.77, 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.

## 12-16-2021 Awards Committee

<u>Award #</u>	<u>Type of Award</u>	<u>Business Unit</u>	<u>Estimated/Budgeted Amount</u>	<u>Amount</u>	<u>Awardee</u>	<u>Term</u>	<u>Summary</u>
1	Minutes	N/A	N/A	N/A	N/A	N/A	Approval of minutes from the 12/09/2021 meeting.
2	Invitation for Bid (IFB) 2 Bidders	Vu	\$14,042,055.00	\$7,410,724.00 \$5,730,643.75	Petticoat-Schmitt Civil Contractors, Inc.  Sawcross, Inc.	Project Completion (Expected: April 2024)	<p><b><u>Construction Services for the Southwest-5104 118th St. and 6217 Wilson Blvd. - Class III/IV Pump Station Upgrades</u></b></p> <p>The scope of work for this solicitation includes labor, materials, and equipment to complete the rehabilitation of the Southwest-5104 118th St. and 6217 Wilson Blvd.-Class III/IV pump stations. The pump stations were constructed in the early 1970s and 1980s respectively. The majority of the equipment and systems at the facilities are the original equipment which has reached, or is nearing the end of its useful life. Corrosion is excessive in many areas of the pump station facilities including the influent splitter box, the wet well area, and within the electrical equipment in the motor room; accordingly, structural repairs and equipment replacement are necessary. Improvements are also necessary to replace non-functional or inefficient equipment including influent and wet well flow control, and ventilation. Additional improvements are needed for safety including installation of guardrails along the raised loading dock areas.</p> <p>Advertised on 09/28/2021. Seven (7) prime contractors attended the mandatory pre-bid meeting held on 10/05/2021, and three (3) prime contractors attended the mandatory site visits held on 10/07/2021. At Bid opening on 11/09/2021, JEA received two (2) Bids. Companies that did not attend the site visit, and did not bid, were contacted and stated that the project schedule did not fit in their workload. After Bid opening, Petticoat-Schmitt Civil Contractors, Inc. notified JEA of an error in their Bid Workbook for Parts B and C. JEA allowed Petticoat-Schmitt to withdraw Parts B and C of their Bid. Petticoat-Schmitt (118th St.) and Sawcross, Inc. (Wilson Blvd.) are the lowest responsive and responsible Bidders. A copy of the Bid Forms and Workbooks are attached for reference.</p> <p>The Base Bid amounts listed in the table were the basis of award, as stated in the solicitation documents. The award amounts include additive alternate bid items, in addition to the Base Bids.</p> <p>1410432846– Request approval to award contracts to Petticoat-Schmitt Civil Contractors, Inc. (\$7,410,724.00) and Sawcross, Inc. (\$5,730,643.75) for construction services for Construction Services for the Southwest-5104 118th St. and 6217 Wilson Blvd. - Class III/IV Pump Station Upgrades projects in the amount of \$13,141,367.75, subject to the availability of lawfully appropriated funds.</p>
3	Contract Increase	Vu	\$788,482.07	\$815,957.00	Constantine Engineering, LLC	Project Completion (Expected: April 2024)	<p><b><u>Engineering Services for the 5104 118th St - Class III/IV PS and 6217 Wilson Blvd. - Class III/IV PS Rehabilitation Projects</u></b></p> <p>Originally approved by Awards Committee on 01/21/2021 in the amount of \$822,451.00 to Constantine Engineering, LLC. A copy of the original award is attached as backup. An administrative increase was approved on</p>

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							<p>06/23/2021 in the amount of \$48,002.00 for additional engineering for a force main replacement at the Wilson Blvd pump station that was not included in the original scope of work.</p> <p>This award request is for a contract increase to the engineering contract of Constantine Engineering, LLC for services during construction (SDC) for both pump stations, and additional permitting and design services for the Wilson Blvd. pump station. The SDC costs (including project management) were not included in the original award because JEA did not have a clear idea at the time of the construction timeline, therefore, it was decided to wait to receive a more accurate post-design fee. The SDC costs total \$793,491.48 (Project Management + SDC for both stations) and are approximately 0.6% higher than estimated. The award amount also includes \$22,465.52 for additional permitting and JEA-directed additional design for pipeline re-routing at the Wilson Blvd pump station. The fees have been deemed reasonable when compared to similar projects.</p> <p>Request approval to award a contract increase to Constantine Engineering, LLC for services during construction for the 5104 118th St - Class III/IV PS and 6217 Wilson Blvd. - Class III/IV PS Rehabilitation projects in the amount of \$815,957.00, for a new not-to-exceed amount of \$1,686,410.00, subject to the availability of lawfully appropriated funds.</p>
4	Renewal	Vu	\$2,062,957.00	\$2,830,957.00	England, Thims & Miller, Inc.	Three (3) Years w/Two (2) - 1 Yr. Renewals	<p><b><u>Design, Permitting and Construction Management for the Galvanized Pipe Replacement Program</u></b></p> <p>Originally approved by Awards Committee on 04/18/2019 in the amount of \$3,000,000.00 to England-Thims &amp; Miller (ETM). A copy of the original award is attached as backup. An administrative increase was approved on 09/27/2021 to allow work to continue under the contract while the renewal and increase were completed.</p> <p>This request is for a renewal and contract increase of ETM's contract for the Permitting and Construction Management for the Galvanized Pipe Replacement Program. ETM facilitates the program development, management and survey/design to identify and prioritize the replacement of 211 miles of galvanized pipe in the JEA Water Distribution system. The program utilizes internal water construction crews and external contractors to facilitate the pipe work and operational completion of the identified projects. JEA has increased the amount of design and construction management ETM will perform for the upcoming fiscal year(s) and has correspondingly increased the budget for the galvanized pipe program. Task orders are issued for each individual galvanized pipe project and billed using the contract hourly rates.</p> <p>Request approval to award a renewal and contract increase to England-Thims &amp; Miller, Inc. for the Design, Permitting and Construction Management for the Galvanized Pipe Replacement Program in the amount of \$2,830,957.00, for a new not-to-exceed amount of \$6,130,957.00, subject to the availability of lawfully appropriated funds.</p>

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5	Renewal	Young	\$690,000.00	\$690,000.00	Bob's Backflow, Inc.	Two (2) Years + One (1) - One (1) or Two (2) Yr. Renewal	<p><b><u>Residential Backflow Preventer Testing Services for JEA</u></b> Competitively bid and approved by the Awards Committee on 10/24/2019. A copy of the original award is attached for reference.</p> <p>This request is for a one (1) year renewal from 02/01/2022 to 01/31/2023 to the existing contract with Bob's Backflow to provide customer backflow prevention testing services. All rates remain the same as the original award. This renewal includes approximately 16,000 residential irrigation and 7,000 residential reclaimed JEA customer sites. The renewal amount of \$690,000.00 was determined based on the estimated 23,000 total tests at a \$30.00 rate for each test and will be a pass-through cost to the JEA customer on their JEA bill.</p> <p>As awarded, JEA will pay Bob's Backflow for each test as completed. For this renewal, Bob's Backflow also maintains its competitive customer repair, install, and replacement rates in which Bob's Backflow can offer to JEA customers these additional services to address any issues found during the prevention testing at the customer's option. JEA's customers reserve the option to use any other certified company for both testing services and repair and replacement services. JEA is executing the one year renewal while the program is studied to see if it will continue. If JEA decides to continue this program, the services will be re-bid at the end of this renewal term.</p> <p>Request approval to award a one (1) year renewal to Bob's Backflow, Inc. for backflow prevention testing services in the amount of \$690,000.00, for a new not-to-exceed amount of \$2,070,00.00, subject to the availability of lawfully appropriated funds.</p>
6	Invitation for Bid (IFB) 3 Bidders	Krol	\$584,640.00	\$584,640.00	AvePoint, Inc.	Three (3) Years w/Two (2) 1 Yr. Renewals	<p><b><u>Cloud and On-premise Backup/Restore Licensing</u></b> The purpose of this Invitation for Bid (IFB) is to provide AvePoint (DocAve) backup/restore for Cloud and On-premise software (2,800 users) used for Office 365 (and components) and SharePoint.</p> <p>This award request from 11/24/2021 to 11/23/2024 is \$194,880.00 annually, for a total award amount of \$584,640.00. The new pricing has increased by \$156,390.00 (27%) due to a combined change in license type from on-premise to cloud and 450 additional cloud licenses. Without the additional 450 cloud licenses, JEA's total cost difference in existing user count and licensing is \$91,590.00 (21%) over three (3) years. JEA added 450 licenses which further increased the total award amount.</p> <p>Over the course of the last year, AvePoint has provided the ability to perform granular file restorations of our on-premise SharePoint environment, in addition to the ability of restoring an entire site. JEA is now in the process of transitioning to a hybrid SharePoint environment, necessitating the need to have both on-premise and cloud backup/restore capabilities (separate licensing required). The AvePoint cloud tool was initially licensed via a capital project but shifted to O&amp;M funding. To provide the best opportunity for savings, the on-premise and cloud licensing were bundled and negotiated</p>

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							<p>for a three (3) year term. From a functional perspective, the AvePoint Cloud backup/restore offers more functionality. Not only does it provide granular restoration for SharePoint (like the on-premise tool) but also provides granular backup/restoration capabilities for the entire tenant including O365, OneDrive, along with SharePoint. This solution provides a key capability required to support these cloud platforms, ensuring restoration capabilities are in place should they be needed.</p> <p>Request approval to award a three (3) year contract to AvePoint, Inc. to continue using JEA's existing backup/restore for Cloud and On-premise software in the amount of \$584,640.00, subject to the approval of lawfully appropriated funds.</p>
7	Contract Increase	Vu	\$957,877.00	\$957,877.00	Insituform Technologies, LLC	Three (3) Years w/Two (2) – 1 Yr. Renewals	<p><b><u>Cured-In-Place Pipe (CIPP) Unit Price Construction</u></b> W/WW Reuse Delivery &amp; Collection has contracted Insituform to line a number of large diameter sewer mains in response to a series of trunk main failures and at locations identified by the large diameter pipe program. The pipe length and bypass effort for these mains is larger in scale than the 8" sewer mains that are typically lined for W/WW Reuse Delivery &amp; Collection.</p> <p>Originally approved by Awards Committee on 12/17/2020 in the amount of \$1,500,000.00 to Insituform Technologies, LLC. A copy of the original award is attached as backup.</p> <p>This request is to increase the contract with Insituform Technologies for CIPP services. Insituform Technologies has been performing well, and JEA needs to increase the funds available to complete several projects that have been identified through inspections completed since this contract was first awarded. Recent line failures have also occurred that need to be repaired as soon as possible. A list of the locations of the increased work is shown below.</p> <ol style="list-style-type: none"> <li>1. Sussex Ave.: Ortega Forest Dr. to Water Oak Ln.</li> <li>2. 15th St.: Palafox St. to McMillan St.</li> <li>3. McCoys Creek: McCoy Creek PS to East of Chambliss St.</li> <li>4. Woodmere Dr. Trunk Main</li> </ol> <p>The budget for the increase is coming from the Sewer Collection System R&amp;R capital bucket, and no budget increase is needed. The unit prices from the original bid will be used for these added projects.</p> <p>Request approval to increase the contract with Insituform Technologies, LLC for Cured-In-Place Pipe (CIPP) Unit Price Construction in the amount of \$957,877.00, for a new, not-to-exceed amount of \$2,457,877.00, subject to the availability of lawfully appropriated funds.</p>
8	Contract Increase	Vu	\$117,604,403.00	\$108,505,039.00	The Haskell Company	Project Completion (Expected: December 2021)	<p><b><u>Construction Management-at-Risk (CMAR) Services for the Greenland WRF</u></b> Originally bid and approved by Awards Committee on 08/22/2019 in the amount of \$517,809.00 to The Haskell Company for pre-construction services. A previous administrative change order was approved to install</p>

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						<p>fencing to prevent gopher tortoises from returning to the construction site. A contract increase was approved by the Awards Committee on 12/17/2020 in the amount of \$9,479,822.00 for an early work package to construct an access road and site clearing. Copies of the previous awards are attached for reference.</p> <p>Negotiations were successfully completed with The Haskell Company for a lump sum price of \$108,505,039.00 to construct the new Greenland WRF based on the 90% design documents. This is approximately 7.7% below the engineers estimate. A “true-up” price will be finalized once the 100% design documents are completed, and if needed, be brought before the Awards Committee. JEA changed the contract from a guaranteed maximum price (GMP) to a lump sum during negotiations for this contract increase. This change guarantees The Haskell Company the full amount for construction (less allowances) versus a “pay as you spend” system in a GMP format. This change realized a savings of \$2,960,512.00 from the originally submitted price proposal. An overview of the final pricing proposal is attached for reference. The total budget for this project including construction, engineering, and JEA costs is approximately \$148,300,307.00.</p> <p>Request approval to award a contract increase to The Haskell Company for construction services for CMAR Services for the Greenland WRF project in the amount of \$108,505,039.00, for a new not-to-exceed amount of \$118,554,450.01, subject to the availability of lawfully appropriated funds.</p>
9	Change Order (Joint Project)	Vu	N/A	\$21,908.75	CGC, Inc.	<p><b>Deerwood Park Blvd. Roadway and Bridge Improvements</b></p> <p>The Deerwood Park Blvd. Roadway and Bridge Improvements project is a portion of the City of Jacksonville (COJ) project to add additional traffic lanes and replace the bridge along Deerwood Park Blvd. This project was bid by COJ on September 18, 2019 and JEA’s portion of the work was included in that bid. The scope of work for the JEA portion is to install 150 linear feet (LF) of 36” ductile iron Water Main and relocate 200 LF of 16” PVC Force Main.</p> <p>This is a Joint Project with the City of Jacksonville (COJ), as allowed by JEA Charter, Section 21.04. Originally bid by COJ on September 18, 2019. COJ Received four bids and CGC, Inc. was the low bidder with a total bid amount of \$2,961,565.42. The JEA portion of this project was \$291,507.00. CGC issued contract number 10449-04 for this project and it was executed on February 13, 2020.</p> <p>JEA issued a change order via Purchase Order for \$7,000.00 for a 6” Force Main relocation based on a proposal by CGC, Inc dated 01/18/2021.</p> <p>This increase is needed to account for bid item quantity increases, site demolition and restoration, discovery of a 6-inch sewage Force Main conflict, as well as additional sewage hauling.</p>

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							Request approval to award a change order to CGC, Inc. for the Deerwood Park Blvd. Roadway and Bridge Improvements project in the amount of \$21,908.75, for a new, not-to-exceed amount of \$320,415.75, subject to the availability of lawfully appropriated funds.
10	Single Source	Erixton	\$1,484,311.00	\$1,333,641.00	Sentient Energy Inc	Project Completion (Estimated: August 2022)	<p><b><u>SAIDI Reduction Program – Fault Current Indicators</u></b></p> <p>The scope of work consists of purchasing, configuring and deploying Fault Current Indicators (FCIs) on JEA’s electric distribution feeder backbone at various strategic locations throughout the service territory. This is part of JEA’s System Average Interruption Duration Index (SAIDI) Reduction Program. The items being purchased under this procurement, 547 pieces, will support the current planned completion of the SAIDI program and includes underground FCI’s.</p> <p>When comparing the FCI list prices if this purchase is made prior to the end of the calendar year and booking the order December 2021, results in an estimated \$150,690.00 cost avoidance. The scope was planned for purchase in January 2022 at the quote price at \$1,484,311.00. Post January 2022, Sentient notes all products are to be repriced due to market conditions.</p> <p>Additionally, this purchase provides JEA with an estimated \$60,000.00 in fleet software / firmware upgrades.</p> <p>Request approval to award a contract to Sentient Energy Inc. for the SAIDI Reduction Program in amount of \$1,333,641.00, subject to the availability of lawfully appropriated funds.</p>
11	Request for Proposal (RFP) 6 proposers	Erixton	\$800,000.00	\$953,934.00	Dis-Tran Steel LLC	Project Completion (Expected: June 2022)	<p><b><u>Steel Pole and Caissons for Circuit 663 Rebuild</u></b></p> <p>Fabrication, and delivery of steel transmission poles and caisson foundations for the Circuit 663 Rebuild project, Structures #1A, 3, 4, 5, 52, 61, 72, 73, 74, 75, and 93, and Circuit 646 Structure # 1. (the "Work" or "Services"). The scope of services the company will provide includes, however, is not limited to:</p> <ul style="list-style-type: none"> <li>• Equipment Design</li> <li>• Equipment Engineering</li> <li>• Materials procurement</li> <li>• Fabrication</li> <li>• Drawings</li> <li>• Delivery</li> </ul> <p>Delivery: Between May 2 and May 6, 2022.</p> <p>1410462046 – Request approval to award a contract to Dis-Tran Steel LLC in the amount of \$953,934.00, for Steel Poles &amp; Caissons services for in the amount of \$953,934.00, subject to the availability of lawfully appropriated funds.</p>

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12	Contract Increase	Vu	\$924,690.51	\$924,690.51	Merrell Bros., Inc.	Five (5) Years w/One (1) – 1 Yr. Renewal	<p><b><u>Residuals Hauling and Disposal</u></b>  JEA requires the services of a Contractor to remove residuals and sludge cake from the various water reclamation facilities (WRFs), and other facilities within the JEA service area, including hauling and disposal at one of three locations:  1) Buckman Water Reclamation Facility for further processing;  2) Several Contractor permitted and regulatory approved land application sites; or  3) Landfill disposal</p> <p>Originally approved by Awards Committee on 05/10/2018 in the amount of \$3,291,555.20 to Merrell Bros, Inc. A copy of the original award is attached as backup. An administrative contract increase was approved on 11/23/2021 to allow work to continue while pricing was finalized for the remainder of the contract.</p> <p>This request is for a contract increase for residuals hauling and disposal from various JEA sites to an allowed disposal site. Merrell Bros, Inc. contacted JEA requesting a rate increase based on the trucking consumer price index (CPI) in October. The trucking CPI at that time represented 16.82% increase. JEA and Merrell Bros, Inc. agreed to a 14.86% rate increase instead of the full trucking CPI increase. The updated pricing is attached for reference. The award amount is the adjusted budget amount for hauling services with Merrell Bros, Inc.</p> <p>1410462046 – Request approval to award a contract to Dis-Tran Steel LLC in the amount of \$953,934.00 for Steel Poles &amp; Caissons services, subject to the availability of lawfully appropriated funds.</p>
13	Renewal	Vu	\$1,905,090.77	\$1,905,090.77	Allied Universal Corporation	Five (5) Years w/One (1) – 1 Yr. Renewal	<p><b><u>Sodium Hypochlorite</u></b>  The purpose of this Invitation to Negotiate (ITN) is to solicit competitive bids from a supplier that can reliably supply sodium hypochlorite for use in the water treatment, wastewater treatment and power generation facility water treatment plants. The Company shall be responsible to delivery with smaller tankers (tank attached to truck), where full size tankers cannot deliver due to space considerations.</p> <p>Originally approved by the Awards Committee on 02/09/2017 in the amount of \$8,909,000.00. A copy of the award document is attached for reference.</p> <p>JEA is exercising the option for a one year renewal with Allied Universal Corporation. The market prices for sodium hypochlorite have increased significantly during 2021. JEA has determined it is in its best interest to renew with this price increase vs. going to market. JEA will see a 40% increase for the one-year renewal term (from \$0.619/gal to \$0.869/gal) due to nationwide shortages of this chemical, as well as supply chain disruptions noted as the main drivers for this price increase. JEA researched market conditions and determined that this pricing was reasonable compared to the options for going to bid, with the likelihood of chlorine prices increasing</p>

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							<p>more dynamically. It should also be noted, there is limited competition in the current chlorine market which was the case during the time of the original award. There is also increased chemical usage at JEA, due to increases at the Greenland and Main Street Water Treatment Plants, which was taken into account when calculating the award amount.</p> <p>Request approval to award a contract renewal increase to Allied Universal Corporation for sodium hypochlorite in the amount of \$1,905,090.77, for a new not-to-exceed of \$10,814,090.77, subject to the availability of lawfully appropriated funds.</p>
<b>14</b>	Request for Proposal (RFP) 4 proposers	Erixton	\$1,092,900.00	\$765,030.00  \$327,870.00	Thompson Industrial Services, LLC  MPW Industrial Services, Inc.	Three (3) Years, w/ two (2) – 1 Yr. Renewals	<p><b><u>Power Plant Industrial Cleaning Services</u></b></p> <p>The scope of work includes furnishing all supervision, labor, materials, tools, equipment, consumables, and subcontracts necessary for industrial cleaning services primarily at JEA electric generating facilities. Services shall include, but not be limited to, the following:</p> <ul style="list-style-type: none"> <li>• Wet &amp; Dry Vacuuming Services</li> <li>• Hydroblasting &amp; Ultra High Pressure (UHP) Cleaning Services</li> <li>• Chemical Cleaning Services (pricing will be requested on a per project basis)</li> <li>• High Volume Pump Services</li> <li>• Fugitive Dust Control Services</li> </ul> <p>When comparing Thompson’s evaluated Total Bid Price of \$708,935.30, to the incumbent rates against the bid forecast (MPW) \$684,017.50, there is a 3.64% increase. Since the Award Amount is based on the budget and not the bid forecast, when applying the 3.64% increase to the budget numbers there is an estimated spend increase on rates of \$38,413.47. The estimated spend increase on rates deducted from the estimated savings from insourcing management, equipment and contract crew of \$1,178,236.00, results in an aggregate three forecast savings of \$1,139,822.53. Considering market conditions pricing is deemed considered reasonable. JEA is allowing a CPI adjustment annually on labor rates, and equipment rates are fixed with allowances for fuel. Markups are fixed based on cost plus model for ad-hoc materials and subcontractor support services.</p> <p>1410431046 – Request approval to award a contract to Thompson Industrial Services in the amount of \$765,030.00 and MPW Industrial Services in the amount of \$327,870.00 for Industrial Cleaning services, for a not-to-exceed amount of \$1,092,900.00, subject to the availability of lawfully appropriated funds.</p>
<b>15</b>	Renewal	Vu	\$1,488,178.77	\$1,488,178.77	Polydyne, Inc.	Five (5) Years w/One (1) – 1 Yr. Renewal	<p><b><u>Liquid Emulsion Polymer</u></b></p> <p>The purpose of this Invitation for Bid (IFB) is to solicit competitive Bids from a supplier that can reliably supply bulk liquid emulsion polymer for use in the thickening and drying of wastewater biosolids.</p> <p>Originally approved by the Awards Committee on 02/09/2017 in the amount of \$3,490,500.00. A copy of the award document is attached for reference.</p>

## 12-16-2021 Awards Committee

							<p>Under the original contract, JEA received fixed pricing of \$0.537/lb for the 5-year term of the contract. When JEA notified Polydyne of the intent to renew the contract, Polydyne asked for a new price of \$1.70/lb (217% increase) for the 1-year renewal term; or alternatively, \$1.40/lb (161% increase) if JEA agreed to an increase starting 12/01/2021. Polydyne stated these increases were due to increased costs in raw materials, as well as increased transportation/trucking costs. JEA researched market conditions, and pricing with other utilities, and determined that this increase was more favorable than pricing that would have resulted from going to bid. The market demand for polymers has increased dramatically since these polymers were initially bid, as well as a condensed supplier base due to mergers and acquisitions. JEA has decided that it in our best interest to renew with this price increase. JEA is awarding to our updated budget for polymers with Polydyne. JEA will be bidding out these materials at the end of the renewal term.</p> <p>Request approval to award a contract renewal to Polydyne Inc. for Liquid Emulsion Polymer in the amount of \$1,488,178.77, for a new not-to-exceed of \$4,978,678.77.</p>
<b>Total Award</b>				<b>\$135,246,181.55</b>			

## **JEA AWARDS COMMITTEE DECEMBER 9, 2021 MEETING MINUTES**

The JEA procurement Awards Committee met on December 9, 2021, in person with a WebEx option.

WebEx Meeting Number (access code): 160 199 4252

WebEx Password: pxP6CqUSt63

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

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

### Public Comments:

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

### Awards:

1. Approval of the minutes from the last meeting (12/02/2021). Chair Datz verbally presented the Committee Members the proposed December 2, 2021 minutes contained in the committee packet.

**MOTION:** Joe Orfano made a motion to approve the December 2, 2021 minutes (Award Item 1). The motion was seconded by Laura Dutton and approved unanimously by the Awards Committee (5-0).

The Committee Members reviewed and discussed the following Awards Items 3-7:

2. **DEFERRED** - Request approval to increase the contract with Insituform Technologies, LLC for Cured-In-Place Pipe (CIPP) Unit Price Construction in the amount of \$1,125,000.00, for a new not-to-exceed amount of \$2,625,000.00 subject to the availability of lawfully appropriated funds
3. Request approval to renew and increase the contracts to Geosyntec Consultants Inc. (\$500,000.00) and Aerostar SES LLC (\$500,000.00) for Environmental General Services - Small Scope in the amount of \$1,000,000.00, for a new not-to-exceed amount of \$4,000,000.00, subject to the availability of lawfully appropriated funds.

**MOTION:** Hai Vu made a motion to approve Award Item 3 as presented in the committee packet. The motion was seconded by Ricky Erixton and approved unanimously by the Awards Committee (5-0).

4. Request approval to award a renewal and contract increase to Garmon Trucking, Inc. for Debris Management Services in the amount of \$863,260.00, for a new not-to-exceed of \$1,968,260.00, subject to the availability of lawfully appropriated funds.

**MOTION:** Joe Orfano made a motion to approve Award Item 4 as presented in the committee packet. The motion was seconded by Ricky Erixton and approved unanimously by the Awards Committee (5-0).

5. Request approval to award a contract amendment to Garney Companies, Inc. for material purchases for

the Greenland WRF Pipelines: Water, Reclaimed Water and Sanitary Sewer Force Mains project in the amount of \$6,156,627.77, for a new not-to-exceed amount of \$10,579,822.90, subject to the availability of lawfully appropriated funds.

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

6. Request approval to award a one (1) year contract renewal to Blue Cross Blue Shield of Florida, Inc. for Group Medical ASO with PBM and Stop-Loss services for the employees and retirees of JEA in the amount of \$30,611,835.64, with a new not-to-exceed amount of \$158,661,931.16 subject to the availability of lawfully appropriated funds.

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

7. Request approval to award a one (1) year contract renewal to EyeMed Vision Care LLC underwritten by Fidelity Security Life Insurance Co. for Vision Coverage for Active Employees and Retirees of JEA in the amount of \$181,759.20, with a new not-to-exceed amount of \$803,435.20, subject to the availability of lawfully appropriated funds.

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

#### Informational Item:

No informational items were presented to the Awards Committee.

#### Ratifications:

No ratifications were presented to the Awards Committee

#### Public Comments:

No additional public comment speaking period was taken.

#### Adjournment:

Chair Datz adjourned the meeting at 10:31 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/](https://www.jea.com/About/Procurement/Awards_Meeting_Agendas_and_Minutes/)



## Formal Bid and Award System

Award # 2 December 16, 2021

**Type of Award Request:** BID (IFB)  
**Request #:** 235  
**Requestor Name:** Ramirez, Samuel T.  
**Requestor Phone:** (904) 306-6000  
**Project Title:** Construction Services for the Southwest-5104 118th St. and 6217 Wilson Blvd. - Class III/IV Pump Station Upgrades  
**Project Number:** 8003568, 8003567  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$14,042,055.00

### Scope of Work:

The scope of work for this solicitation includes labor, materials, and equipment to complete the rehabilitation of the Southwest-5104 118th St. and 6217 Wilson Blvd.-Class III/IV pump stations. The pump stations were constructed in the early 1970s and 1980s respectively. The majority of the equipment and systems at the facilities are the original equipment which has reached, or is nearing the end of its useful life. Corrosion is excessive in many areas of the pump station facilities including the influent splitter box, the wet well area, and within the electrical equipment in the motor room; accordingly, structural repairs and equipment replacement are necessary. Improvements are also necessary to replace non-functional or inefficient equipment including influent and wet well flow control, and ventilation. Additional improvements are needed for safety including installation of guardrails along the raised loading dock areas.

**JEA IFB/RFP/State/City/GSA#:** 1410432846

**Purchasing Agent:** Kruck, Dan

**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
PETTICOAT-SCHMITT CIVIL CONTRACTORS, INC.	Kimberly Bryan	kbryan@petticoatschmitt.com	630 Philips Highway, Jacksonville, FL 32216	(904) 751-0888	\$7,410,724.00
SAWCROSS, INC.	Mark Hickinbotham	markh@sawcross.com	10970 New Berlin Rd, Jacksonville, FL 32226	(904) 751-7500	\$5,730,643.75

**Amount for entire term of Contract/PO:** \$13,141,367.75

**Award Amount for remainder of this FY:** \$1,051,000.00

**Length of Contract/PO Term:** Project Completion

**Begin Date:** 01/15/2022

**End Date:** Project Completion (Expected: April 2024)

**JSEB Requirement:**

Six Percent (6%) Requirement

**Comments on JSEB Requirements:**Petticoat-Schmitt Civil Contractors, Inc.

RZ Service Group LLC (Mechanical Supply) – 6%

Sawcross, Inc.

RZ Service Group LLC (Mechanical Materials) – 5%

Tillman Building Services, Inc. (Roofing) – 1%

**BIDDERS:**

Company	Part A (118th St)	Part B (Wilson Blvd)	Part C (Combined)
PETTICOAT-SCHMITT CIVIL CONTRACTORS, INC.	\$6,969,000.00	N/A*	N/A*
SAWCROSS, INC.	\$8,041,246.88	\$5,645,643.75	\$13,883,765.63

\*This portion of the Bid was withdrawn

**Background/Recommendations:**

Advertised on 09/28/2021. Seven (7) prime contractors attended the mandatory pre-bid meeting held on 10/05/2021, and three (3) prime contractors attended the mandatory site visits held on 10/07/2021. At Bid opening on 11/09/2021, JEA received two (2) Bids. Companies that did not attend the site visit, and did not bid, were contacted and stated that the project schedule did not fit in their workload. After Bid opening, Petticoat-Schmitt Civil Contractors, Inc. notified JEA of an error in their Bid Workbook for Parts B and C. JEA allowed Petticoat-Schmitt to withdraw Parts B and C of their Bid. Petticoat-Schmitt (118th St.) and Sawcross, Inc. (Wilson Blvd.) are the lowest responsive and responsible Bidders. A copy of the Bid Forms and Workbooks are attached for reference.

The Base Bid amounts listed in the table above were the basis of award, as stated in the solicitation documents. The award amounts include additive alternate bid items, in addition to the Base Bids. The actual award amounts are as follows:

118 <sup>th</sup> St. Pump Station Petticoat-Schmitt		Wilson Blvd. Pump Station Sawcross	
1. Base Bid	\$6,969,000.00	1. Base Bid	\$5,645,643.75
2. Part A.3 Item 38 - Install Six Sluice Gates	\$279,661.00	2. Part B.3 Item 35 – Install Two Sluice Gates	\$58,000.00
3. Part A.3 Additive 44 – Install Odor Control	\$162,063.00	3. Part B.3 Item 38 – Forcemain Rehabilitation	\$27,000.00
<b>Total Award:</b>	<b>\$7,410,724.00</b>	<b>Total Award:</b>	<b>\$5,730,643.75</b>

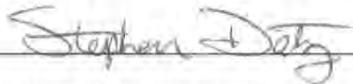
The 100% design estimate for the 118<sup>th</sup> St. pump station, inclusive of additive alternates, is \$8,268,932.00, and the recommended award amount is approximately 10.4% lower than the estimate and deemed reasonable. The 100% design estimate for the Wilson Blvd. pump station, inclusive of additive

alternates, is \$5,773,123.00, and the recommended award amount is approximately 0.7% lower than the estimate and deemed reasonable.

1410432846– Request approval to award contracts to Petticoat-Schmitt Civil Contractors, Inc. (\$7,410,724.00) and Sawcross, Inc. (\$5,730,643.75) for construction services for Construction Services for the Southwest-5104 118th St. and 6217 Wilson Blvd. - Class III/IV Pump Station Upgrades projects in the amount of \$13,141,367.75, subject to the availability of lawfully appropriated funds.

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

**APPROVALS:**

	
<b>Chairman, Awards Committee</b>	<b>Date</b>
	
<b>Budget Representative</b>	<b>Date</b>

Addendum 3 - Appendix B - Bid Forms  
 1410432846 Construction Services for the Southwest-5104 118th St. and 6217 Wilson Blvd. - Class III/IV Pump Station  
 Upgrades

Submit the Bid electronically as described in section 1.1.3 of the Solicitation.

Company Name: PETTICOAT-SCHMITT CIVIL CONTRACTORS, INC.

Company's Address: 630 PHILIPS HIGHWAY, JACKSONVILLE, FL 32216

License Number: CGC #057651; CUC #057440

Phone Number: (904) 751-0888 FAX No: (904) 751-0988 Email Address: kbryan@petticoatschmitt.com

<p><b>BID SECURITY REQUIREMENTS</b></p> <p><input type="checkbox"/> None required  <input checked="" type="checkbox"/> Certified Check or Bond (Five Percent (5%))</p>	<p><b>TERM OF CONTRACT</b></p> <p><input type="checkbox"/> One Time Purchase  <input type="checkbox"/> Annual Requirements  <input checked="" type="checkbox"/> Other, Specify - Project Completion</p>
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<p><b>SAMPLE REQUIREMENTS</b></p> <p><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</p>	<p><b>SECTION 255.05, FLORIDA STATUTES CONTRACT BOND</b></p> <p><input type="checkbox"/> None required  <input checked="" type="checkbox"/> Bond required 100% of Bid Award</p>
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<p><b>QUANTITIES</b></p> <p><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.</p>	<p><b>INSURANCE REQUIREMENTS</b></p> <p style="text-align: center;"><b>Insurance required</b></p>
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<p><b>PAYMENT DISCOUNTS</b></p> <p><input type="checkbox"/> 1% 20, net 30  <input type="checkbox"/> 2% 10, net 30  <input type="checkbox"/> Other _____  <input checked="" type="checkbox"/> None Offered</p>	
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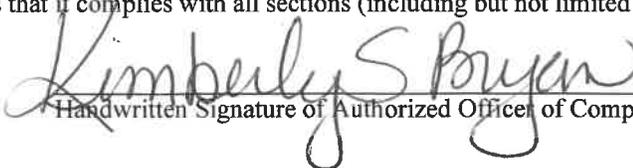
<p><b>ENTER YOUR BID FOR SOLICITATION 1410432846</b></p>	<p><b>TOTAL BID PRICE</b></p>
<p><b>Total Bid Price for the Project</b>                  (enter total from cell F210 in the Bid Workbook)</p>	<p><b>\$ 10,844,245<sup>00</sup></b></p>

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

**BIDDER CERTIFICATION**

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

We have received addenda \_\_\_\_\_  
 \_\_\_\_\_ through \_\_\_\_\_

  
 Handwritten Signature of Authorized Officer of Company or Agent

11/9/21  
 Date

Kimberly S. Bryan, Vice President  
 Printed Name and Title

**1410432846 Construction Services for the Southwest-5104 118th St. and 6217 Wilson Blvd. - Class III/IV Pump Station Upgrades**  
**Addendum 3 - Appendix B - Bid Workbook**

Company Name: **Petticoat-Schmitt Civil Contractors**

<b>PART A.1 - LUMP SUM BID - (180-47) 118th St Pump Station Rehabilitation</b>					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
1	Demolition of Site Components	1	LS	\$ 10,635.00	\$10,635.00
2	Demolition of Process/Electrical/HVAC/Plumbing Components	1	LS	\$ 175,134.00	\$175,134.00
3	Site Work (inc. grading, base replacement, asphalt paving, sidewalks, fencing and grassing)	1	LS	\$ 63,118.00	\$63,118.00
4	Miscellaneous Structural Repairs and Modifications (inc. stair repair, bridge crane etc.)	1	LS	\$ 1,966,056.00	\$1,966,056.00
5	Rehabilitation of influent Splitter Box (Base Bid based on HDPE Insert)	1	LS	\$ 80,000.00	\$80,000.00
6	Specialty Coating for Wet Surfaces	1	LS	\$ 509,905.00	\$509,905.00
7	Install Four (4) Service Pumps (inc. motors, VFDs, controls, etc.)	1	LS	\$ 55,148.00	\$55,148.00
8	Install Drywell Pump System ( with accessories, controls, etc.)	1	LS	\$ 10,000.00	\$10,000.00
9	Install Wetwell Recirculation/Mixing System (inc. controls, etc.)	1	LS	\$ 5,000.00	\$5,000.00
10	Install One (1) 700kW Generator, one (1) 7,000-gal sub-base fuel tank w/ piping, controls and electrical modifications (including ATS)	1	LS	\$ 441,105.00	\$441,105.00
11	Install Process Piping (inc. interior and yard process piping, fittings, valves, supports and hangers, wall sleeves, flowmeter, vaults, etc.)	1	LS	\$ 741,063.00	\$741,063.00
12	Major Electrical Equipment, Controls, Conduit, Wiring, Lighting, Grounding	1	LS	\$ 10,000.00	\$10,000.00
13	Instrumentation and Controls ( inc. system integration, SCADA, etc.)	1	LS	\$ 222,924.00	\$222,924.00
14	HVAC (inc. fans, ducts, etc.)	1	LS	\$ 310,070.00	\$310,070.00
15	Plumbing and Fixtures	1	LS	\$ 62,029.00	\$62,029.00
16	Electrical Costs (inc. wire terminations, startup, testing, misc. conduit and connectors)	1	LS	\$ 633,562.00	\$633,562.00
17	Bypass Pumping for 16 months (incl. line stop, hot tap, controls, etc.)	1	LS	\$ 711,589.00	\$711,589.00
18	Wetwell Dewatering, Cleaning and Debris Removal	1	LS	\$ 15,000.00	\$15,000.00
19	Security Requirements (inc. access control, video, etc.)	1	LS	\$ 10,000.00	\$10,000.00
20	Record Drawings	1	LS	\$ 15,000.00	\$15,000.00
21	Permitting and MOT	1	LS	\$ 2,032.00	\$2,032.00
22	Bonds and Insurance	1	LS	\$ 50,000.00	\$50,000.00
23	Permitting Allowance for 118th St PS COJ Building Permit	1	LS	\$ 24,000.00	\$24,000.00
24	JEA SWA	1	LS	\$ 400,000.00	\$400,000.00
<b>Part A Subtotal Lump Sum Price Items</b>					<b>\$6,523,370.00</b>

<b>PART A.2 - UNIT PRICE BID</b>					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
25	Concrete Repair Type 'A' (not inc. coating)	40	SF	\$ 73.00	\$2,920.00
26	Concrete Repair Type 'B' (not inc. coating)	40	SF	\$ 215.00	\$8,600.00
27	Concrete Repair Type 'C' (not inc. coating)	20	SF	\$ 363.00	\$7,260.00
28	Concrete Repair Type 'D' (not inc. coating)	475	SF	\$ 284.00	\$134,900.00
29	Concrete Repair Type 'E' (not inc. coating)	100	LF	\$ 58.00	\$5,800.00
30	Non-Destructive Testing (NDT)	10	EA	\$ 89.00	\$890.00
31	A-3 Sand	50	CY	\$ 50.00	\$2,500.00
32	57 Stone	70	CY	\$ 68.00	\$4,760.00
<b>Part B Subtotal Unit Sum Price Items</b>					<b>\$167,630.00</b>

<b>Part A.1 + Part A.2 Subtotal</b>				<b>\$6,691,000.00</b>
33	Mobilization (maximum 1.50% of Part A.1+ Part A.2 Subtotal)		0.12%	\$ 8,000.00
34	Demobilization (maximum 1.00% of Part A.1+ Part A.2 Subtotal)		0.30%	\$ 20,000.00
35	General Conditions (maximum 10% of Part A.1+ Part A.2 Subtotal)		3.74%	\$ 250,000.00
<b>TOTAL BASE BID PRICE FOR PART A.1 AND A.2 (INCLUDING GENERAL CONDITIONS)</b>				<b>\$6,969,000.00</b>

<b>PART A.3 - ADDITIVE OR DEDUCTIVE ALTERNATE</b>					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
36	Rehabilitation of Influent Splitter Box	1	LS	\$ 99,205.00	\$99,205.00
	Alternate Bid based on polymer concrete rehabilitation (Armorock)				

**Addendum 3 - Appendix B - Bid Workbook**

		Company Name:		Petticoat-Schmitt Civil Contractors	
37	Rehabilitation of Influent Splitter Box at 118th St	1	LS	\$ 123,498.00	\$123,498.00
	Alternate Bid based on repairing existing splitter box				
38	Install Six (6) Sluice gates	1	LS	\$ 279,661.00	\$279,661.00
	Bid based on Coplastix gates				
39	Install Six (6) Sluice gates	1	LS	\$ 231,045.00	\$231,045.00
	Bid based on PlastiFab Gates				
40	Install Six (6) Sluice gates	1	LS	\$ 157,087.00	\$157,087.00
	Bid based on RW gates				
41	Bypass Pumping	1	LS	\$ 20,637.00	\$20,637.00
	Sound Attenuation for Bypass Pumping				
42	Install Odor Control (incl blower, mist eliminator, control panel etc.)	1	LS	NO BID	#VALUE!
	Bid based on BioAir Solutions, LLC, Voorhees, New Jersey.				
43	Install Odor Control (incl blower, mist eliminator, control panel etc.)	1	LS	NO BID	#VALUE!
	Bid based on Evoqua Water Technologies LLC, San Diego, California.				
44	Install Odor Control (incl blower, mist eliminator, control panel etc.)	1	LS	\$ 162,063.00	\$162,063.00
	Heyward Florida Incorporated, Winter Park, Florida.				
45	Install Odor Control (incl blower, mist eliminator, control panel etc.)	1	LS	\$ 170,102.00	\$170,102.00
	ECS Environmental Solutions, Belton, Texas.				

PART A.4 - UNIT COSTS					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
42	Bypass Pumping	1	WEEKLY	\$ 11,346.00	\$11,346.00
43	Bypass Pumping	1	MONTHLY	\$ 38,728.00	\$38,728.00

PART B.1 - LUMP SUM BID - (180-45) Wilson Blvd Pump Station Rehabilitation					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
1	Demolition of Site Components	1	LS	\$ 13,136.00	\$13,136.00
2	Demolition of Process/Electrical/HVAC/Plumbing Components	1	LS	\$ 185,998.00	\$185,998.00
3	Site Work (inc. grading, base replacement, asphalt paving, sidewalks, fencing, grassing, manhole restoration and pipe grouting)	1	LS	\$ 94,995.00	\$94,995.00
4	Install Forcemain by Directional Drill	1	LS	\$ 60,000.00	\$60,000.00
5	Open Cut for Forcemain (incl. connections at both ends, replacing storm sewer, etc.)	1	LS	\$ 5,000.00	\$5,000.00
6	Install fitting, valves and appurtenances for Forcemain	1	LS	\$ 5,000.00	\$5,000.00
7	Miscellaneous Structural Repairs and Modifications (inc. stair repair, bridge crane etc.)	1	LS	\$ 31,304.00	\$31,304.00
8	Specialty Coating for Wet Surfaces	1	LS	\$ 329,270.00	\$329,270.00
9	Install Three (3) Service Pumps (inc. motors, VFDs, controls, etc.)	1	LS	\$ 14,547.00	\$14,547.00
10	Install Drywell Pump System ( with accessories, controls, etc.)	1	LS	\$ 10,000.00	\$10,000.00
11	Install Wetwell Recirculation/Mixing System (inc. controls, etc.)	1	LS	\$ 5,000.00	\$5,000.00
12	Install One (1) 350kW Generator, one (1) 4,000-gal aboveground storage tank w/ piping, controls and electrical modifications (including ATS)	1	LS	\$ 254,098.00	\$254,098.00
13	Install Process Piping (inc. interior and yard process piping, fittings, valves, supports and hangers, wall sleeves, flowmeter, vaults, etc.)	1	LS	\$ 345,053.00	\$345,053.00
14	Major Electrical Equipment, Controls, Conduit, Wiring, Lighting, Grounding	1	LS	\$ 10,000.00	\$10,000.00
15	Instrumentation and Controls ( inc. system integration, SCADA, etc.)	1	LS	\$ 197,529.00	\$197,529.00
16	HVAC (inc. fans, ducts, etc.)	1	LS	\$ 356,148.00	\$356,148.00
17	Plumbing and Fixtures	1	LS	\$ 134,330.00	\$134,330.00
18	Electrical Costs (inc. wire terminations, startup, testing, misc. conduit and connectors)	1	LS	\$ 633,562.00	\$633,562.00

**Addendum 3 - Appendix B - Bid Workbook**

		Company Name:		Petticoat-Schmitt Civil Contractors	
19	Bypass Pumping for 16 months (incl. hot tap, controls, etc.)	1	LS	\$ 518,468.00	\$518,468.00
20	Wetwell Dewatering, Cleaning and Debris Removal, Existing FM inspection	1	LS	\$ 15,000.00	\$15,000.00
21	Security Requirements (inc. access control, video, etc.)	1	LS	\$ 10,000.00	\$10,000.00
22	Record Drawings	1	LS	\$ 15,000.00	\$15,000.00
23	Permitting and MOT	1	LS	\$ 2,032.00	\$2,032.00
24	Bonds and Insurance	1	LS	\$ 50,000.00	\$50,000.00
25	JEA SWA	1	LS	\$ 200,000.00	\$200,000.00
<b>Part B.1 Subtotal Lump Sum Price Items</b>					<b>\$3,495,470.00</b>

PART B.2 - UNIT PRICE BID					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
26	Concrete Repair Type 'A' (not inc. coating)	40	SF	\$ 73.00	\$2,920.00
27	Concrete Repair Type 'B' (not inc. coating)	40	SF	\$ 215.00	\$8,600.00
28	Concrete Repair Type 'C' (not inc. coating)	20	SF	\$ 363.00	\$7,260.00
29	Concrete Repair Type 'D' (not inc. coating)	200	SF	\$ 284.00	\$56,800.00
30	Concrete Repair Type 'E' (not inc. coating)	190	LF	\$ 59.00	\$11,210.00
31	Non-Destructive Testing (NDT)	10	EA	\$ 279.00	\$2,790.00
32	A-3 Sand	50	CY	\$ 51.00	\$2,550.00
33	57 Stone	50	CY	\$ 68.00	\$3,400.00
<b>Part B.2 Subtotal Unit Sum Price Items</b>					<b>\$95,530.00</b>

Part B.1 + Part B.2 Subtotal				\$3,591,000.00	
32	Mobilization (maximum 1.50% of Part B.1+Part B.2 Subtotal)	0.22%		\$	8,000.00
33	Demobilization (maximum 1.00% of Part B.1+Part B.2 Subtotal)	0.56%		\$	20,000.00
34	General Conditions (maximum 10% of Part B.1+Part B.2 Subtotal)	6.96%		\$	250,000.00
<b>TOTAL BASE BID FOR PART B.1 AND PART B.2 PRICE (INCLUDING GENERAL CONDITIONS)</b>					<b>\$3,869,000.00</b>

PART B.3 - ADDITIVE OR DEDUCTIVE ALTERNATE					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
35	<b>Install Two (2) Sluice gates</b>	1	LS	\$ 66,538.00	\$66,538.00
	Bid based on Coplastix gates				
36	<b>Install Two (2) Sluice gates</b>	1	LS	\$ 87,470.00	\$87,470.00
	Bid based on PlastiFab Gates				
37	<b>Install Two (2) Sluice gates</b>	1	LS	\$ 46,526.00	\$46,526.00
	Bid based on RW gates				
38	<b>Forcemain Rehabilitation</b>	1	LS	\$ 180,386.00	\$180,386.00
	Slip-Lining portion of existing forcemain				

PART B.4 - UNIT COSTS					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
39	Bypass Pumping	1	WEEKLY	\$ 6,434.00	\$6,434.00
40	Bypass Pumping	1	MONTHLY	\$ 23,719.00	\$23,719.00

PART C.1 - LUMP SUM BID - (180-47   180-45) 118th St and Wilson Blvd Pump Stations Rehabilitation					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
<b>118th St</b>					
1	Demolition of Site Components	1	LS	\$ 10,635.00	\$10,635.00
2	Demolition of Process/Electrical/HVAC/Plumbing Components	1	LS	\$ 175,134.00	\$175,134.00
3	Site Work (inc. grading, base replacement, asphalt paving, sidewalks, fencing and grassing)	1	LS	\$ 63,118.00	\$63,118.00
4	Miscellaneous Structural Repairs and Modifications (inc. stair repair, bridge crane etc.)	1	LS	\$ 1,966,056.00	\$1,966,056.00
5	Rehabilitation of influent Splitter Box (Base Bid based on HDPE Insert)	1	LS	\$ 80,000.00	\$80,000.00
6	NOT USED	1	LS	\$ -	\$0.00
7	Specialty Coating for Wet Surfaces	1	LS	\$ 509,905.00	\$509,905.00
8	Install Four (4) Service Pumps (inc. motors, VFDs, controls, etc.)	1	LS	\$ 55,148.00	\$55,148.00
9	Install Drywell Pump System ( with accessories, controls, etc.)	1	LS	\$ 10,000.00	\$10,000.00
10	Install Wetwell Recirculation/Mixing System (inc. controls, etc.)	1	LS	\$ 5,000.00	\$5,000.00
11	Install One (1) 700kW Generator, one (1) 7,000-gal sub-base fuel tank w/ piping, controls and electrical modifications (including ATS)	1	LS	\$ 441,105.00	\$441,105.00

**Addendum 3 - Appendix B - Bid Workbook**

		Company Name:		Petticoat-Schmitt Civil Contractors	
12	Install Process Piping (inc. interior and yard process piping, fittings, valves, supports and hangers, wall sleeves, flowmeter, vaults, etc.)	1	LS	\$ 741,063.00	\$741,063.00
13	Major Electrical Equipment, Controls, Conduit, Wiring, Lighting, Grounding	1	LS	\$ 10,000.00	\$10,000.00
14	Instrumentation and Controls ( inc. system integration, SCADA, etc.)	1	LS	\$ 222,924.00	\$222,924.00
15	HVAC (inc. fans, ducts, etc.)	1	LS	\$ 310,070.00	\$310,070.00
16	Plumbing and Fixtures	1	LS	\$ 62,029.00	\$62,029.00
17	Electrical Costs (inc. wire terminations, startup, testing, misc. conduit and connectors)	1	LS	\$ 633,562.00	\$633,562.00
18	Bypass Pumping for 16 months (incl. line stop, hot tap, controls, etc.)	1	LS	\$ 711,589.00	\$711,589.00
19	Wetwell Dewatering, Cleaning and Debris Removal	1	LS	\$ 15,000.00	\$15,000.00
20	Security Requirements (inc. access control, video, etc.)	1	LS	\$ 10,000.00	\$10,000.00
<b>Wilson Blvd</b>					
21	Demolition of Site Components	1	LS	\$ 13,136.00	\$13,136.00
22	Demolition of Process/Electrical/HVAC/Plumbing Components	1	LS	\$ 185,998.00	\$185,998.00
23	Site Work (inc. grading, base replacement, asphalt paving, sidewalks, fencing, grassing, manhole restoration and pipe grouting)	1	LS	\$ 94,995.00	\$94,995.00
24	Install Forcemain by Directional Drill	1	LS	\$ 60,000.00	\$60,000.00
25	Open Cut for Forcemain (incl. connections at both ends, replacing storm sewer, etc.)	1	LS	\$ 5,000.00	\$5,000.00
26	Install fitting, valves and appurtenances for Forcemain	1	LS	\$ 5,000.00	\$5,000.00
27	Miscellaneous Structural Repairs and Modifications (inc. stair repair, bridge crane etc.)	1	LS	\$ 31,304.00	\$31,304.00
28	Specialty Coating for Wet Surfaces	1	LS	\$ 329,270.00	\$329,270.00
29	Install Three (3) Service Pumps (inc. motors, VFDs, controls, etc.)	1	LS	\$ 14,547.00	\$14,547.00
30	Install Drywell Pump System ( with accessories, controls, etc.)	1	LS	\$ 10,000.00	\$10,000.00
31	Install Wetwell Recirculation/Mixing System (inc. controls, etc.)	1	LS	\$ 5,000.00	\$5,000.00
32	Install One (1) 350kW Generator, one (1) 4,000-gal aboveground storage tank w/ piping, controls and electrical modifications (including ATS)	1	LS	\$ 254,098.00	\$254,098.00
33	Install Process Piping (inc. interior and yard process piping, fittings, valves, supports and hangers, wall sleeves, flowmeter, vaults, etc.)	1	LS	\$ 345,053.00	\$345,053.00
34	Major Electrical Equipment, Controls, Conduit, Wiring, Lighting, Grounding	1	LS	\$ 10,000.00	\$10,000.00
35	Instrumentation and Controls ( inc. system integration, SCADA, etc.)	1	LS	\$ 197,529.00	\$197,529.00
36	HVAC (inc. fans, ducts, etc.)	1	LS	\$ 356,148.00	\$356,148.00
37	Plumbing and Fixtures	1	LS	\$ 134,330.00	\$134,330.00
38	Electrical Costs (inc. wire terminations, startup, testing, misc. conduit and connectors)	1	LS	\$ 633,562.00	\$633,562.00
39	Bypass Pumping for 16 months (incl. hot tap, controls, etc.)	1	LS	\$ 518,468.00	\$518,468.00
40	Wetwell Dewatering, Cleaning and Debris Removal, Existing FM inspection	1	LS	\$ 15,000.00	\$15,000.00
41	Security Requirements (inc. access control, video, etc.)	1	LS	\$ 10,000.00	\$10,000.00
<b>Other</b>					
42	Record Drawings	1	LS	\$ 30,000.00	\$30,000.00
43	Permitting and MOT	1	LS	\$ 4,064.00	\$4,064.00
44	Bonds and Insurance	1	LS	\$ 100,000.00	\$100,000.00
45	Permitting Allowance for 118th St PS COJ Building Permit	1	LS	\$ 24,000.00	\$24,000.00
46	JEA SWA	1	LS	\$ 600,000.00	\$600,000.00
<b>Part C.1 Subtotal Lump Sum Price Items</b>					<b>\$10,018,840.00</b>

<b>PART C.2 - UNIT PRICE BID</b>					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
47	Concrete Repair Type 'A' (not inc. coating)	80	SF	\$ 66.00	\$5,280.00
48	Concrete Repair Type 'B' (not inc. coating)	80	SF	\$ 193.00	\$15,440.00
49	Concrete Repair Type 'C' (not inc. coating)	40	SF	\$ 310.00	\$12,400.00
50	Concrete Repair Type 'D' (not inc. coating)	675	SF	\$ 275.00	\$185,625.00
51	Concrete Repair Type 'E' (not inc. coating)	290	LF	\$ 58.00	\$16,820.00
52	Non-Destructive Testing (NDT)	20	EA	\$ 279.00	\$5,580.00
53	A-3 Sand	100	CY	\$ 51.00	\$5,100.00
54	57 Stone	120	CY	\$ 68.00	\$8,160.00
<b>Part C.2 Subtotal Unit Sum Price Items</b>					<b>\$254,405.00</b>

**Addendum 3 - Appendix B - Bid Workbook**

Company Name: Petticoat-Schmitt Civil Contractors

		<b>Part C.1 + Part C.2 Subtotal</b>	<b>\$10,273,245.00</b>
54	Mobilization (maximum 1.50% of Part C.1+Part C.2 Subtotal)	0.16%	\$ 16,000.00
55	Demobilization (maximum 1.00% of Part C.1+Part C.2 Subtotal)	0.39%	\$ 40,000.00
56	General Conditions (maximum 10% of Part C.1+Part C.2 Subtotal)	5.01%	\$ 515,000.00
<b>TOTAL BASE BID PRICE (INCLUDING GENERAL CONDITIONS)</b>			<b>\$10,844,245.00</b>

**PART C.3 - ADDITIVE OR DEDUCTIVE ALTERNATE**

Item No.	Description	Quantity	Unit	Unit Price	Total Price
57	<b>Rehabilitation of Influent Splitter Box at 118th St</b>	1	LS	\$ 99,205.00	\$99,205.00
	Alternate Bid based on polymer concrete rehabilitation (Armorock)				
58	<b>Rehabilitation of Influent Splitter Box at 118th St</b>	1	LS	\$ 123,498.00	\$123,498.00
	Alternate Bid based on repairing existing splitter box				
59	<b>Forcemain Rehabilitation at Wilson Blvd</b>	1	LS	\$ 180,386.00	\$180,386.00
	Slip-Lining portion of existing forcemain				
60	<b>Install Eight (8) Sluice gates</b>	1	LS	\$ 388,724.00	\$388,724.00
	Bid based on Coplastix gates				
61	<b>Install Eight (8) Sluice gates</b>	1	LS	\$ 361,042.00	\$361,042.00
	Bid based on PlastiFab Gates				
62	<b>Install Eight (8) Sluice gates</b>	1	LS	\$ 246,139.00	\$246,139.00
	Bid based on RW gates				
63	<b>Bypass Pumping for 118th St</b>	1	LS	\$ 20,637.00	\$20,637.00
	Sound Attenuation for Bypass Pumping				
64	<b>Install Odor Control (incl blower, mist eliminator, control panel etc.)</b>	1	LS	NO BID	#VALUE!
	Bid based on BioAir Solutions, LLC, Voorhees, New Jersey.				
65	<b>Install Odor Control (incl blower, mist eliminator, control panel etc.)</b>	1	LS	NO BID	#VALUE!
	Bid based on Evoqua Water Technologies LLC, San Diego, California.				
66	<b>Install Odor Control (incl blower, mist eliminator, control panel etc.)</b>	1	LS	\$ 162,063.00	\$162,063.00
	Heyward Florida Incorporated, Winter Park, Florida.				
67	<b>Install Odor Control (incl blower, mist eliminator, control panel etc.)</b>	1	LS	\$ 170,102.00	\$170,102.00
	ECS Environmental Solutions, Belton, Texas.				

**PART C.4 - UNIT COSTS**

Item No.	Description	Quantity	Unit	Unit Price	Total Price
64	Bypass Pumping for 118th St	1	WEEKLY	\$ 11,346.00	\$11,346.00
65	Bypass Pumping for 118th St	1	MONTHLY	\$ 38,728.00	\$38,728.00
66	Bypass Pumping for Wilson Blvd	1	WEEKLY	\$ 6,434.00	\$6,434.00
67	Bypass Pumping for Wilson Blvd	1	MONTHLY	\$ 23,719.00	\$23,719.00

**JSEB Overview**

Base Bid Subtotal	\$10,273,245.00
JSEB Requirement	6%
JSEB Requirement	\$ 616,394.70

Addendum 3 - Appendix B - Bid Forms  
 1410432846 Construction Services for the Southwest-5104 118th St. and 6217 Wilson Blvd. - Class III/IV Pump Station  
 Upgrades

Submit the Bid electronically as described in section 1.1.3 of the Solicitation.

Company Name: Sawcross, Inc.

Company's Address: 10970 New Berlin Road, Jacksonville, FL 32226

License Number: CGC036203

Phone Number: (904) 751-7500 FAX No: (904) 751-0600 Email Address: markh@sawcross.com

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

<b>SAMPLE REQUIREMENTS</b> <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	<b>SECTION 255.05, FLORIDA STATUTES CONTRACT BOND</b> <input type="checkbox"/> None required <input checked="" type="checkbox"/> Bond required 100% of Bid Award
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<b>QUANTITIES</b> <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.	<b>INSURANCE REQUIREMENTS</b> <p style="text-align: center;"><b>Insurance required</b></p>
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<b>PAYMENT DISCOUNTS</b> <input type="checkbox"/> 1% 20, net 30 <input type="checkbox"/> 2% 10, net 30 <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> None Offered	
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<b>ENTER YOUR BID FOR SOLICITATION 1410432846</b>	<b>TOTAL BID PRICE</b>
Total Bid Price for the Project (enter total from cell F210 in the Bid Workbook)	<b>\$ 13,883,765.63</b>

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  <u>1</u> through <u>3</u>	<div style="text-align: center;"> </div> <div style="display: flex; justify-content: space-between;"> <span>Handwritten Signature of Authorized Officer of Company or Agent</span> <span>11/9/2021 Date</span> </div> <div style="text-align: center; margin-top: 10px;"> <b>Mark Hickinbotham, President</b>        Printed Name and Title     </div>

### Addendum 3 - Appendix B - Bid Workbook

Company Name:	Sawcross, Inc.
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#### PART A.1 - LUMP SUM BID - (180-47) 118th St Pump Station Rehabilitation

Item No.	Description	Quantity	Unit	Unit Price	Total Price
1	Demolition of Site Components	1	LS	\$ 200,000.00	\$200,000.00
2	Demolition of Process/Electrical/HVAC/Plumbing Components	1	LS	\$ 80,000.00	\$80,000.00
3	Site Work (inc. grading, base replacement, asphalt paving, sidewalks, fencing and grassing)	1	LS	\$ 300,000.00	\$300,000.00
4	Miscellaneous Structural Repairs and Modifications (inc. stair repair, bridge crane etc.)	1	LS	\$ 30,000.00	\$30,000.00
5	Rehabilitation of influent Splitter Box (Base Bid based on HDPE Insert)	1	LS	\$ 45,000.00	\$45,000.00
6	Specialty Coating for Wet Surfaces	1	LS	\$ 163,000.00	\$163,000.00
7	Install Four (4) Service Pumps (inc. motors, VFDs, controls, etc.)	1	LS	\$ 345,000.00	\$345,000.00
8	Install Drywell Pump System ( with accessories, controls, etc.)	1	LS	\$ 20,000.00	\$20,000.00
9	Install Wetwell Recirculation/Mixing System (inc. controls, etc.)	1	LS	\$ 85,000.00	\$85,000.00
10	Install One (1) 700kW Generator, one (1) 7,000-gal sub-base fuel tank w/ piping, controls and electrical modifications (including ATS)	1	LS	\$ 25,000.00	\$25,000.00
11	Install Process Piping (inc. interior and yard process piping, fittings, valves, supports and hangers, wall sleeves, flowmeter, vaults, etc.)	1	LS	\$2,975,000.00	\$2,975,000.00
12	Major Electrical Equipment, Controls, Conduit, Wiring, Lighting, Grounding	1	LS	\$ 830,000.00	\$830,000.00
13	Instrumentation and Controls ( inc. system integration, SCADA, etc.)	1	LS	\$ 455,000.00	\$455,000.00
14	HVAC (inc. fans, ducts, etc.)	1	LS	\$ 24,000.00	\$24,000.00
15	Plumbing and Fixtures	1	LS	\$ 80,000.00	\$80,000.00
16	Electrical Costs (inc. wire terminations, startup, testing, misc. conduit and connectors)	1	LS	\$ 92,000.00	\$92,000.00
17	Bypass Pumping for 16 months (incl. line stop, hot tap, controls, etc.)	1	LS	\$ 800,000.00	\$800,000.00
18	Wetwell Dewatering, Cleaning and Debris Removal	1	LS	\$ 15,000.00	\$15,000.00
19	Security Requirements (inc. access control, video, etc.)	1	LS	\$ 1,000.00	\$1,000.00
20	Record Drawings	1	LS	\$ 5,000.00	\$5,000.00
21	Permitting and MOT	1	LS	\$ 2,000.00	\$2,000.00
22	Bonds and Insurance	1	LS	\$ 90,000.00	\$90,000.00
23	Permitting Allowance for 118th St PS COJ Building Permit	1	LS	\$ 24,000.00	\$24,000.00
24	JEA SWA	1	LS	\$ 400,000.00	\$400,000.00
<b>Part A Subtotal Lump Sum Price Items</b>					<b>\$7,086,000.00</b>

#### PART A.2 - UNIT PRICE BID

Item No.	Description	Quantity	Unit	Unit Price	Total Price
25	Concrete Repair Type 'A' (not inc. coating)	40	SF	\$ 55.00	\$2,200.00
26	Concrete Repair Type 'B' (not inc. coating)	40	SF	\$ 70.00	\$2,800.00
27	Concrete Repair Type 'C' (not inc. coating)	20	SF	\$ 75.00	\$1,500.00
28	Concrete Repair Type 'D' (not inc. coating)	475	SF	\$ 85.00	\$40,375.00
29	Concrete Repair Type 'E' (not inc. coating)	100	LF	\$ 75.00	\$7,500.00
30	Non-Destructive Testing (NDT)	10	EA	\$ 300.00	\$3,000.00
31	A-3 Sand	50	CY	\$ 32.00	\$1,600.00
32	57 Stone	70	CY	\$ 40.00	\$2,800.00
<b>Part B Subtotal Unit Sum Price Items</b>					<b>\$61,775.00</b>

#### Part A.1 + Part A.2 Subtotal

<b>Part A.1 + Part A.2 Subtotal</b>					<b>\$7,147,775.00</b>
33	Mobilization (maximum 1.50% of Part A.1+ Part A.2 Subtotal)		1.50%		\$ 107,216.63
34	Demobilization (maximum 1.00% of Part A.1+ Part A.2 Subtotal)		1.00%		\$ 71,477.75
35	General Conditions (maximum 10% of Part A.1+ Part A.2 Subtotal)		10.00%		\$ 714,777.50
<b>TOTAL BASE BID PRICE FOR PART A.1 AND A.2 (INCLUDING GENERAL CONDITIONS)</b>					<b>\$8,041,246.88</b>

#### PART A.3 - ADDITIVE OR DEDUCTIVE ALTERNATE

Item No.	Description	Quantity	Unit	Unit Price	Total Price
36	Rehabilitation of Influent Splitter Box	1	LS	\$ 150,000.00	\$150,000.00
	Alternate Bid based on polymer concrete rehabilitation (Armorock)				

**Addendum 3 - Appendix B - Bid Workbook**

		Company Name:		Sawcross, Inc.	
37	<b>Rehabilitation of Influent Splitter Box at 118th St</b> Alternate Bid based on repairing existing splitter box	1	LS	\$ 30,000.00	\$30,000.00
38	<b>Install Six (6) Sluice gates</b> Bid based on Coplastix gates	1	LS	\$ 250,000.00	\$250,000.00
39	<b>Install Six (6) Sluice gates</b> Bid based on PlastiFab Gates	1	LS	\$ 192,000.00	\$192,000.00
40	<b>Install Six (6) Sluice gates</b> Bid based on RW gates	1	LS	\$ 135,000.00	\$135,000.00
41	<b>Bypass Pumping</b> Sound Attenuation for Bypass Pumping	1	LS	\$ 2,000.00	\$2,000.00
42	<b>Install Odor Control (incl blower, mist eliminator, control panel etc.)</b> Bid based on BioAir Solutions, LLC, Voorhees, New Jersey.	1	LS	No Bid	#VALUE!
43	<b>Install Odor Control (incl blower, mist eliminator, control panel etc.)</b> Bid based on Evoqua Water Technologies LLC, San Diego, California.	1	LS	No Bid	#VALUE!
44	<b>Install Odor Control (incl blower, mist eliminator, control panel etc.)</b> Heyward Florida Incorporated, Winter Park, Florida.	1	LS	\$ 175,000.00	\$175,000.00
45	<b>Install Odor Control (incl blower, mist eliminator, control panel etc.)</b> ECS Environmental Solutions, Belton, Texas.	1	LS	\$ 184,000.00	\$184,000.00

**PART A.4 - UNIT COSTS**

Item No.	Description	Quantity	Unit	Unit Price	Total Price
42	Bypass Pumping	1	WEEKLY	\$ 12,500.00	\$12,500.00
43	Bypass Pumping	1	MONTHLY	\$ 51,000.00	\$51,000.00

**PART B.1 - LUMP SUM BID - (180-45) Wilson Blvd Pump Station Rehabilitation**

Item No.	Description	Quantity	Unit	Unit Price	Total Price
1	Demolition of Site Components	1	LS	\$ 150,000.00	\$150,000.00
2	Demolition of Process/Electrical/HVAC/Plumbing Components	1	LS	\$ 70,000.00	\$70,000.00
3	Site Work (inc. grading, base replacement, asphalt paving, sidewalks, fencing, grassing, manhole restoration and pipe grouting)	1	LS	\$ 284,000.00	\$284,000.00
4	Install Forcemain by Directional Drill	1	LS	\$ 80,000.00	\$80,000.00
5	Open Cut for Forcemain (incl. connections at both ends, replacing storm sewer, etc.)	1	LS	\$ 40,000.00	\$40,000.00
6	Install fitting, valves and appurtenances for Forcemain	1	LS	\$ 70,000.00	\$70,000.00
7	Miscellaneous Structural Repairs and Modifications (inc. stair repair, bridge crane etc.)	1	LS	\$ 60,000.00	\$60,000.00
8	Specialty Coating for Wet Surfaces	1	LS	\$ 135,000.00	\$135,000.00
9	Install Three (3) Service Pumps (inc. motors, VFDs, controls, etc.)	1	LS	\$ 160,000.00	\$160,000.00
10	Install Drywell Pump System ( with accessories, controls, etc.)	1	LS	\$ 18,000.00	\$18,000.00
11	Install Wetwell Recirculation/Mixing System (inc. controls, etc.)	1	LS	\$ 44,000.00	\$44,000.00
12	Install One (1) 350kW Generator, one (1) 4,000-gal aboveground storage tank w/ piping, controls and electrical modifications (including ATS)	1	LS	\$ 230,000.00	\$230,000.00
13	Install Process Piping (inc. interior and yard process piping, fittings, valves, supports and hangers, wall sleeves, flowmeter, vaults, etc.)	1	LS	\$1,300,000.00	\$1,300,000.00
14	Major Electrical Equipment, Controls, Conduit, Wiring, Lighting, Grounding	1	LS	\$ 770,000.00	\$770,000.00
15	Instrumentation and Controls ( inc. system integration, SCADA, etc.)	1	LS	\$ 397,000.00	\$397,000.00
16	HVAC (inc. fans, ducts, etc.)	1	LS	\$ 350,000.00	\$350,000.00
17	Plumbing and Fixtures	1	LS	\$ 80,000.00	\$80,000.00
18	Electrical Costs (inc. wire terminations, startup, testing, misc. conduit and connectors)	1	LS	\$ 83,000.00	\$83,000.00
19	Bypass Pumping for 16 months (incl. hot tap, controls, etc.)	1	LS	\$ 340,000.00	\$340,000.00
20	Wetwell Dewatering, Cleaning and Debris Removal, Existing FM inspection	1	LS	\$ 20,000.00	\$20,000.00
21	Security Requirements (inc. access control, video, etc.)	1	LS	\$ 1,000.00	\$1,000.00
22	Record Drawings	1	LS	\$ 2,000.00	\$2,000.00
23	Permitting and MOT	1	LS	\$ 20,000.00	\$20,000.00

**Addendum 3 - Appendix B - Bid Workbook**

				Company Name:	Sawcross, Inc.
24	Bonds and Insurance	1	LS	\$ 70,000.00	\$70,000.00
25	JEA SWA	1	LS	\$ 200,000.00	\$200,000.00
<b>Part B.1 Subtotal Lump Sum Price Items</b>					<b>\$4,974,000.00</b>

<b>PART B.2 - UNIT PRICE BID</b>					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
26	Concrete Repair Type 'A' (not inc. coating)	40	SF	\$ 55.00	\$2,200.00
27	Concrete Repair Type 'B' (not inc. coating)	40	SF	\$ 70.00	\$2,800.00
28	Concrete Repair Type 'C' (not inc. coating)	20	SF	\$ 75.00	\$1,500.00
29	Concrete Repair Type 'D' (not inc. coating)	200	SF	\$ 85.00	\$17,000.00
30	Concrete Repair Type 'E' (not inc. coating)	190	LF	\$ 75.00	\$14,250.00
31	Non-Destructive Testing (NDT)	10	EA	\$ 300.00	\$3,000.00
32	A-3 Sand	50	CY	\$ 32.00	\$1,600.00
33	57 Stone	50	CY	\$ 40.00	\$2,000.00
<b>Part B.2 Subtotal Unit Sum Price Items</b>					<b>\$44,350.00</b>

<b>Part B.1 + Part B.2 Subtotal</b>				<b>\$5,018,350.00</b>	
32	Mobilization (maximum 1.50% of Part B.1+Part B.2 Subtotal)	1.50%		\$	75,275.25
33	Demobilization (maximum 1.00% of Part B.1+Part B.2 Subtotal)	1.00%		\$	50,183.50
34	General Conditions (maximum 10% of Part B.1+Part B.2 Subtotal)	10.00%		\$	501,835.00
<b>TOTAL BASE BID FOR PART B.1 AND PART B.2 PRICE (INCLUDING GENERAL CONDITIONS)</b>					<b>\$5,645,643.75</b>

<b>PART B.3 - ADDITIVE OR DEDUCTIVE ALTERNATE</b>					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
35	Install Two (2) Sluice gates Bid based on Coplastix gates	1	LS	\$ 58,000.00	\$58,000.00
36	Install Two (2) Sluice gates Bid based on PlastiFab Gates	1	LS	\$ 61,000.00	\$61,000.00
37	Install Two (2) Sluice gates Bid based on RW gates	1	LS	\$ 38,000.00	\$38,000.00
38	Forcemain Rehabilitation Slip-Lining portion of existing forcemain	1	LS	\$ 27,000.00	\$27,000.00

<b>PART B.4 - UNIT COSTS</b>					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
39	Bypass Pumping	1	WEEKLY	\$ 6,000.00	\$6,000.00
40	Bypass Pumping	1	MONTHLY	\$ 22,000.00	\$22,000.00

<b>PART C.1 - LUMP SUM BID - (180-47   180-45) 118th St and Wilson Blvd Pump Stations Rehabilitation</b>					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
<b>118th St</b>					
1	Demolition of Site Components	1	LS	\$ 200,000.00	\$200,000.00
2	Demolition of Process/Electrical/HVAC/Plumbing Components	1	LS	\$ 80,000.00	\$80,000.00
3	Site Work (inc. grading, base replacement, asphalt paving, sidewalks, fencing and grassing)	1	LS	\$ 300,000.00	\$300,000.00
4	Miscellaneous Structural Repairs and Modifications (inc. stair repair, bridge crane etc.)	1	LS	\$ 30,000.00	\$30,000.00
5	Rehabilitation of influent Splitter Box (Base Bid based on HDPE Insert)	1	LS	\$ 45,000.00	\$45,000.00
6	NOT USED	1	LS	\$ -	\$0.00
7	Specialty Coating for Wet Surfaces	1	LS	\$ 163,000.00	\$163,000.00
8	Install Four (4) Service Pumps (inc. motors, VFDs, controls, etc.)	1	LS	\$ 345,000.00	\$345,000.00
9	Install Drywell Pump System ( with accessories, controls, etc.)	1	LS	\$ 20,000.00	\$20,000.00
10	Install Wetwell Recirculation/Mixing System (inc. controls, etc.)	1	LS	\$ 85,000.00	\$85,000.00
11	Install One (1) 700kW Generator, one (1) 7,000-gal sub-base fuel tank w/ piping, controls and electrical modifications (including ATS)	1	LS	\$ 25,000.00	\$25,000.00

**Addendum 3 - Appendix B - Bid Workbook**

		Company Name:		Sawcross, Inc.	
12	Install Process Piping (inc. interior and yard process piping, fittings, valves, supports and hangers, wall sleeves, flowmeter, vaults, etc.)	1	LS	\$2,975,000.00	\$2,975,000.00
13	Major Electrical Equipment, Controls, Conduit, Wiring, Lighting, Grounding	1	LS	\$ 830,000.00	\$830,000.00
14	Instrumentation and Controls ( inc. system integration, SCADA, etc.)	1	LS	\$ 455,000.00	\$455,000.00
15	HVAC (inc. fans, ducts, etc.)	1	LS	\$ 24,000.00	\$24,000.00
16	Plumbing and Fixtures	1	LS	\$ 80,000.00	\$80,000.00
17	Electrical Costs (inc. wire terminations, startup, testing, misc. conduit and connectors)	1	LS	\$ 92,000.00	\$92,000.00
18	Bypass Pumping for 16 months (incl. line stop, hot tap, controls, etc.)	1	LS	\$ 800,000.00	\$800,000.00
19	Wetwell Dewatering, Cleaning and Debris Removal	1	LS	\$ 15,000.00	\$15,000.00
20	Security Requirements (inc. access control, video, etc.)	1	LS	\$ 1,000.00	\$1,000.00
<b>Wilson Blvd</b>					
21	Demolition of Site Components	1	LS	\$ 150,000.00	\$150,000.00
22	Demolition of Process/Electrical/HVAC/Plumbing Components	1	LS	\$ 70,000.00	\$70,000.00
23	Site Work (inc. grading, base replacement, asphalt paving, sidewalks, fencing, grassing, manhole restoration and pipe grouting)	1	LS	\$ 284,000.00	\$284,000.00
24	Install Forcemain by Directional Drill	1	LS	\$ 80,000.00	\$80,000.00
25	Open Cut for Forcemain (incl. connections at both ends, replacing storm sewer, etc.)	1	LS	\$ 40,000.00	\$40,000.00
26	Install fitting, valves and appurtenances for Forcemain	1	LS	\$ 70,000.00	\$70,000.00
27	Miscellaneous Structural Repairs and Modifications (inc. stair repair, bridge crane etc.)	1	LS	\$ 60,000.00	\$60,000.00
28	Specialty Coating for Wet Surfaces	1	LS	\$ 135,000.00	\$135,000.00
29	Install Three (3) Service Pumps (inc. motors, VFDs, controls, etc.)	1	LS	\$ 160,000.00	\$160,000.00
30	Install Drywell Pump System ( with accessories, controls, etc.)	1	LS	\$ 18,000.00	\$18,000.00
31	Install Wetwell Recirculation/Mixing System (inc. controls, etc.)	1	LS	\$ 44,000.00	\$44,000.00
32	Install One (1) 350kW Generator, one (1) 4,000-gal aboveground storage tank w/ piping, controls and electrical modifications (including ATS)	1	LS	\$ 230,000.00	\$230,000.00
33	Install Process Piping (inc. interior and yard process piping, fittings, valves, supports and hangers, wall sleeves, flowmeter, vaults, etc.)	1	LS	\$1,475,000.00	\$1,475,000.00
34	Major Electrical Equipment, Controls, Conduit, Wiring, Lighting, Grounding	1	LS	\$ 770,000.00	\$770,000.00
35	Instrumentation and Controls ( inc. system integration, SCADA, etc.)	1	LS	\$ 397,000.00	\$397,000.00
36	HVAC (inc. fans, ducts, etc.)	1	LS	\$ 350,000.00	\$350,000.00
37	Plumbing and Fixtures	1	LS	\$ 80,000.00	\$80,000.00
38	Electrical Costs (inc. wire terminations, startup, testing, misc. conduit and connectors)	1	LS	\$ 83,000.00	\$83,000.00
39	Bypass Pumping for 16 months (incl. hot tap, controls, etc.)	1	LS	\$ 340,000.00	\$340,000.00
40	Wetwell Dewatering, Cleaning and Debris Removal, Existing FM inspection	1	LS	\$ 20,000.00	\$20,000.00
41	Security Requirements (inc. access control, video, etc.)	1	LS	\$ 1,000.00	\$1,000.00
<b>Other</b>					
42	Record Drawings	1	LS	\$ 7,000.00	\$7,000.00
43	Permitting and MOT	1	LS	\$ 22,000.00	\$22,000.00
44	Bonds and Insurance	1	LS	\$ 160,000.00	\$160,000.00
45	Permitting Allowance for 118th St PS COJ Building Permit	1	LS	\$ 24,000.00	\$24,000.00
46	JEA SWA	1	LS	\$ 600,000.00	\$600,000.00
<b>Part C.1 Subtotal Lump Sum Price Items</b>					<b>\$12,235,000.00</b>

<b>PART C.2 - UNIT PRICE BID</b>					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
47	Concrete Repair Type 'A' (not inc. coating)	80	SF	\$ 55.00	\$4,400.00
48	Concrete Repair Type 'B' (not inc. coating)	80	SF	\$ 70.00	\$5,600.00
49	Concrete Repair Type 'C' (not inc. coating)	40	SF	\$ 75.00	\$3,000.00
50	Concrete Repair Type 'D' (not inc. coating)	675	SF	\$ 85.00	\$57,375.00
51	Concrete Repair Type 'E' (not inc. coating)	290	LF	\$ 75.00	\$21,750.00
52	Non-Destructive Testing (NDT)	20	EA	\$ 300.00	\$6,000.00

**Addendum 3 - Appendix B - Bid Workbook**

				Company Name:	Sawcross, Inc.
53	A-3 Sand	100	CY	\$ 32.00	\$3,200.00
54	57 Stone	120	CY	\$ 40.00	\$4,800.00
<b>Part C.2 Subtotal Unit Sum Price Items</b>					<b>\$106,125.00</b>

				<b>Part C.1 + Part C.2 Subtotal</b>	<b>\$12,341,125.00</b>
54	Mobilization (maximum 1.50% of Part C.1+Part C.2 Subtotal)			1.50%	\$ 185,116.88
55	Demobilization (maximum 1.00% of Part C.1+Part C.2 Subtotal)			1.00%	\$ 123,411.25
56	General Conditions (maximum 10% of Part C.1+Part C.2 Subtotal)			10.00%	\$ 1,234,112.50

**TOTAL BASE BID PRICE (INCLUDING GENERAL CONDITIONS)  
ENTER THIS PRICE ON BID FORM**

**\$13,883,765.63**

PART C.3 - ADDITIVE OR DEDUCTIVE ALTERNATE					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
57	Rehabilitation of Influent Splitter Box at 118th St Alternate Bid based on polymer concrete rehabilitation (Armorock)	1	LS	\$ 150,000.00	\$150,000.00
58	Rehabilitation of Influent Splitter Box at 118th St Alternate Bid based on repairing existing splitter box	1	LS	\$ 30,000.00	\$30,000.00
59	Forcemain Rehabilitation at Wilson Blvd Slip-Lining portion of existing forcemain	1	LS	\$ 27,000.00	\$27,000.00
60	Install Eight (8) Sluice gates Bid based on Coplastix gates	1	LS	\$ 308,000.00	\$308,000.00
61	Install Eight (8) Sluice gates Bid based on PlastiFab Gates	1	LS	\$ 253,000.00	\$253,000.00
62	Install Eight (8) Sluice gates Bid based on RW gates	1	LS	\$ 173,000.00	\$173,000.00
63	Bypass Pumping for 118th St Sound Attenuation for Bypass Pumping	1	LS	\$ 2,000.00	\$2,000.00
64	Install Odor Control (incl blower, mist eliminator, control panel etc.) Bid based on BioAir Solutions, LLC, Voorhees, New Jersey.	1	LS	No Bid	#VALUE!
65	Install Odor Control (incl blower, mist eliminator, control panel etc.) Bid based on Evoqua Water Technologies LLC, San Diego, California.	1	LS	No Bid	#VALUE!
66	Install Odor Control (incl blower, mist eliminator, control panel etc.) Heyward Florida Incorporated, Winter Park, Florida.	1	LS	\$ 175,000.00	\$175,000.00
67	Install Odor Control (incl blower, mist eliminator, control panel etc.) ECS Environmental Solutions, Belton, Texas.	1	LS	\$ 184,000.00	\$184,000.00

PART C.4 - UNIT COSTS					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
64	Bypass Pumping for 118th St	1	WEEKLY	\$ 12,500.00	\$12,500.00
65	Bypass Pumping for 118th St	1	MONTHLY	\$ 51,000.00	\$51,000.00
66	Bypass Pumping for Wilson Blvd	1	WEEKLY	\$ 6,000.00	\$6,000.00
67	Bypass Pumping for Wilson Blvd	1	MONTHLY	\$ 22,000.00	\$22,000.00



## Formal Bid and Award System

Award #3 December 16, 2021

**Type of Award Request:** CONTRACT INCREASE  
**Requestor Name:** Ramirez, Samuel T.  
**Requestor Phone:** (904) 306-6000  
**Project Title:** Engineering Services for the 5104 118th St - Class III/IV PS and 6217 Wilson Blvd. - Class III/IV PS Rehabilitation Projects  
**Project Number:** 8003567, 8003568  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$788,482.07 (services during construction estimate only)

**Scope of Work:**

JEA is soliciting Proposals for the professional detailed design, permitting and services during construction of complete rehabilitation of two pump stations (PS). Provide engineering, permitting and bid services for the complete rehabilitation of each pump station. Render engineering services to recommend the most effective pump type and configuration for 118th St. PS. Provide pipeline alignment study services for the 16" force main replacement from Wilson PS to Wilson Blvd. Render services to draft O&M custom manuals.

**JEA IFB/RFP/State/City/GSA#:** 081-20  
**CPA#:** 195081  
**Purchasing Agent:** Kruck, Dan  
**Is this a Ratification?:** NO

**RECOMMENDED AWARDEE(S):**

Name	Contact Name	Email	Address	Phone	Amount
CONSTANTINE ENGINEERING, LLC	Kart Vaith	kvaith@tcgeng.com	100 Center Creek Road, S-108, St. Augustine, FL 32084	(904) 562-2185	\$815,957.00

**Amount of Original Award:** \$822,451.00  
**Date of Original Award:** 01/21/2021  
**Change Order Amount:** \$815,957.00

**List of Previous Change Order/Amendments:**

CPA #	Amount	Date	Reason
195081	\$48,002.00	06/23/2021	Additional design/permitting for force main replacement at the Wilson Blvd PS.

**New Not-To-Exceed Amount:** \$1,686,410.00  
**Length of Contract/PO Term:** Project Completion  
**Begin Date:** 02/01/2021  
**End Date:** Project Completion (Expected: April 2024)  
**JSEB Requirement:** Five Percent (5%) Evaluation Criteria  
**Comments on JSEB Requirements:**

Original Award

Smith Surveying, LLC (Survey) – 1.64%  
CSI Geo, Inc. (Geotechnical) – 1.97%  
Onsite Environmental Consultants, LLC (Environmental Consulting) – 0.513%  
Total: 4.123%

This Contract Increase

N/A

**Background/Recommendations:**

Originally approved by Awards Committee on 01/21/2021 in the amount of \$822,451.00 to Constantine Engineering, LLC. A copy of the original award is attached as backup. An administrative increase was approved on 06/23/2021 in the amount of \$48,002.00 for additional engineering for a force main replacement at the Wilson Blvd pump station that was not included in the original scope of work.

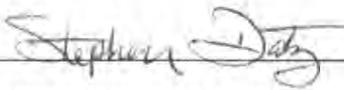
This award request is for a contract increase to the engineering contract of Constantine Engineering, LLC for services during construction (SDC) for both pump stations, and additional permitting and design services for the Wilson Blvd. pump station. The SDC costs (including project management) were not included in the original award because JEA did not have a clear idea at the time of the construction timeline, therefore, it was decided to wait to receive a more accurate post-design fee. The SDC costs total \$793,491.48 (Project Management + SDC for both stations) and are approximately 0.6% higher than estimated. The award amount also includes \$22,465.52 for additional permitting and JEA-directed additional design for pipeline re-routing at the Wilson Blvd pump station. The fees have been deemed reasonable when compared to similar projects. Please refer below for an overview of the fees per pump station:

<u>118<sup>th</sup> St. Pump Station</u>		<u>Wilson Blvd. Pump Station</u>	
1. Project Management	\$39,737.00	1. Project Management	\$29,114.00
2. SDC	\$405,167.00	2. SDC	\$319,473.48
		3. COJ Permits	\$902.00
		4. FDEP Permits	\$250.00
		5. Tree Mitigation and Additional Design	\$21,313.52
<b>Total:</b>	<b>\$444,904.00</b>	<b>Total:</b>	<b>\$371,053.00</b>

Request approval to award a contract increase to Constantine Engineering, LLC for services during construction for the 5104 118th St - Class III/IV PS and 6217 Wilson Blvd. - Class III/IV PS Rehabilitation projects in the amount of \$815,957.00, for a new not-to-exceed amount of \$1,686,410.00, subject to the availability of lawfully appropriated funds.

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

**APPROVALS:**

 12/16/21  
 Chairman, Awards Committee Date

 12/20/21  
 Budget Representative Date



## Formal Bid and Award System

Award #4 January 21, 2021

**Type of Award Request:** PROPOSAL (RFP)  
**Request #:** 6868  
**Requestor Name:** Ramirez, Samuel T.  
**Requestor Phone:** (904) 665-6960  
**Project Title:** Engineering Services for the 5104 118th St - Class III/IV PS and 6217 Wilson Blvd. - Class III/IV PS Rehabilitation Projects  
**Project Number:** 8003567, 8003568  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$600,000.00

### Scope of Work:

JEA is soliciting Proposals for the professional detailed design, permitting and services during construction of complete rehabilitation of two pump stations. Provide engineering, permitting and bid services for the complete rehabilitation of each pump station. Render engineering services to recommend the most effective pump type and configuration for 118th St. PS. Provide pipeline alignment study services for the 16" force main replacement from Wilson PS to Wilson Blvd. Render services to draft O&M custom manuals.

**JEA IFB/RFP/State/City/GSA#:** 081-20  
**Purchasing Agent:** Kruck, Dan  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
CONSTANTINE ENGINEERING, LLC	Kart Vaith	kvaith@tcgeng.com	100 Center Creek Road, S-108, St. Augustine, FL 32084	(904) 562-2185	\$822,451.00

**Amount for entire term of Contract/PO:** \$822,451.00  
**Award Amount for remainder of this FY:** \$341,190.00  
**Length of Contract/PO Term:** Project Completion  
**Begin Date:** 02/01/2021  
**End Date:** Project Completion (Expected: July 2023)  
**JSEB Requirement:** Five Percent (5%) Evaluation Criteria

### Comments on JSEB Requirements:

Smith Surveying, LLC (Survey) – 1.64%  
 CSI GEO, Inc. (Geotechnical) – 1.97%  
 Onsite Environmental Consultants, LLC (Environmental Consulting) – 0.513%  
 Total: 4.123%

**PROPOSERS:**

Name	Amount	Rank
CONSTANTINE ENGINEERING, LLC	\$822,451.00	1
ARCADIS U.S., INC.	N/A	2
CRAWFORD, MURPHY & TILLY, INC.	N/A	3
WRIGHT-PIERCE, INC.	N/A	4

**Background/Recommendations:**

Advertised on 09/24/2020. Ten (10) prime companies attended the mandatory pre-proposal meeting held on 10/05/2020. At proposal opening on 10/27/2020, JEA received four (4) proposals. The public evaluation meeting was held on 11/19/2020 and JEA deemed Constantine Engineering, LLC most qualified to perform the work. A copy of the evaluation matrix and negotiated schedule and fees are attached as backup.

Negotiations with Constantine Engineering, LLC were successfully completed. The proposed engineering design fee of \$822,451.00 is 37% higher than estimated in part due to additional items placed into the scope of work after the estimate was completed. The additional items are listed below, and were included in the scope as advertised. The hourly rates and level of effort are deemed reasonable when compared to other JEA projects of this type.

- Wilson – Pipeline alignment study (study only)
- 118<sup>th</sup> – Type of pump study
- 118<sup>th</sup> – Replacing the roof (design)
- Wilson & 118<sup>th</sup> – O&M manuals

081-20 – Request approval to award a contract to Constantine Engineering, LLC, for engineering services for 5104 118th St - Class III/IV PS and 6217 Wilson Blvd. - Class III/IV PS Rehabilitation projects in the amount of \$822,451.00, subject to the availability of lawfully appropriated funds.

**Manager:** Collier, Bradley W. - Mgr W/WW Project Management

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

**GM:** Hai, Vu X. – Interim GM Water/Wastewater Systems

**APPROVALS:**

 \_\_\_\_\_ 01/21/2021

**Chairman, Awards Committee** **Date**

 \_\_\_\_\_ 1/21/2021

**Budget Representative** **Date**

**081-20 Engineering Services for the 5104 118th St - Class III/IV PS and 6217 Wilson Blvd. - Class III/IV PS Rehabilitation Projects**

<b>Vendor Rankings</b>	Samuel Ramirez	Denese Murrin	Rick Lehman	Michael Jones	Σ Rank	Rank
Constantine Engineering, LLC	1	1	1	1	4	1
Arcadis U.S., Inc.	2	2	3	3	10	2
Crawford, Murphy & Tilly, Inc.	3	3	2	4	12	3
Wright-Pierce, Inc.	4	4	4	2	14	4

Samuel Ramirez	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (25 Points)	JSEB (5 Points)	Total	Rank
Arcadis U.S., Inc.	30.00	24	15	4	73.00	2
Constantine Engineering, LLC	30.00	28	18	4	80.00	1
Crawford, Murphy & Tilly, Inc.	30.00	20	15	4	69.00	3
Wright-Pierce, Inc.	30.00	16	15	4	65.00	4

Denese Murrin	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (25 Points)	JSEB (5 Points)	Total	Rank
Arcadis U.S., Inc.	26.00	33	21	4	84.00	2
Constantine Engineering, LLC	27.67	33	22	4	86.67	1
Crawford, Murphy & Tilly, Inc.	25.67	30	24	4	83.67	3
Wright-Pierce, Inc.	25.73	31	21	4	81.73	4

Rick Lehman	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (25 Points)	JSEB (5 Points)	Total	Rank
Arcadis U.S., Inc.	20.27	29	21	4	74.27	3
Constantine Engineering, LLC	20.40	30	22	4	76.40	1
Crawford, Murphy & Tilly, Inc.	19.80	30	21	4	74.80	2
Wright-Pierce, Inc.	19.60	30	20	4	73.60	4

Michael Jones	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (25 Points)	JSEB (5 Points)	Total	Rank
Arcadis U.S., Inc.	28	36	22	4	90.00	3
Constantine Engineering, LLC	28.00	40	25	4	97.00	1
Crawford, Murphy & Tilly, Inc.	27.13	33	22	4	86.13	4
Wright-Pierce, Inc.	28.00	38	22	4	92.00	2

Overall Averages	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (25 Points)	JSEB (5 Points)	Total
Arcadis U.S., Inc.	26.07	30.50	19.75	4.00	80.32
Constantine Engineering, LLC	26.52	32.75	21.75	4.00	85.02
Crawford, Murphy & Tilly, Inc.	25.65	28.25	20.50	4.00	78.40
Wright-Pierce, Inc.	25.83	28.75	19.50	4.00	78.08

TASK	Scope Definition	RATE	PM/EOR	Sr. Professional W/WW Engineer	QA/QC Manager	Lead Structural Engineer	Lead Electrical/I & C Engineer	Professional W/WW Engineer	SR CADD Tech	Engineering Intern	Clerical / Admin	Other Direct Cost	HOURS/TASK	TOTAL FEE/TASK
		\$ 234.00		\$ 218.40	\$ 218.40	\$ 192.40	\$ 192.40	\$ 130.00	\$ 124.80	\$ 109.96	\$ 74.88			
1	PROJECT MANAGEMENT FOR 118TH ST PS													
	Prepare detailed scope of services and a work plan with timeline 1 (work schedule). Monitor Project Progress		60		8					60	8		136	\$ 22,983.84
	Prepare monthly invoices and submit project progress updates 2 with invoices		40							40	40		120	\$ 16,753.60
1	TASK 1 LABOR FEE	\$ 23,400.00	\$ -	\$ 1,747.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,996.00	\$ 3,594.24			\$ 39,737.44
	TASK 1 HOURS		100	0	8	0	0	0	0	100	48		256	
	TASK 1 LUMP SUM													\$ 39,737.00
2	SERVICES DURING CONSTRUCTION FOR 118TH ST PS													
	1 Pre-Construction Meeting													
	1.1 Attend on-site pre-construction meeting.		4			6	6			6			22	\$ 3,904.56
	1.2 Draft and submit meeting minutes for review.		2			2	2			4	2		12	\$ 1,827.20
	1.3 Submit final meeting minutes		1							1	1		3	\$ 418.84
	2 Construction Progress Meetings													\$ -
	Attend on-site construction progress meetings if requested by		100							100			200	\$ 34,396.00
	2.1 JEA. 18 progress meetings budgeted at 6 hrs ea.													\$ -
	2.2 Draft and submit meeting minutes for review.		18							36	18		72	\$ 9,518.40
	2.3 Submit final meeting minutes.		8							8	8		24	\$ 3,350.72
	3 Review Shop Drawings													\$ -
	Receive, review, evaluate, and distribute shop drawings within 14 calendar business days of receipt of the shop drawings. Expected		190			77	145			285	190		887	\$ 132,738.60
	3.1 number of shop drawings 95.													\$ -
	4 O&M Manuals													\$ -
	Receive, review, evaluate, and distribute O&M manuals within 14 calendar business days of receipt of the shop drawings. Expected		25				24			95	25		169	\$ 22,785.80
	4.1 number of manuals 25													\$ -
	5 Requests for Information (RFI)													\$ -
	Receive, review, and evaluate RFIs. Submit RFI response to JEA		40			55	80			120	40		335	\$ 51,524.40
	5.1 Construction Administrator. Expected number of RFIs 40													\$ -
	6 Change Order													\$ -
	Review Contractor's change order request if required by JEA		12			8	8			48	12		88	\$ 12,063.04
	6.1 (assume 12)													\$ -
	7 On Site Pump Witness Start-up and Performance Testing													\$ -
	Review the submitted test plans and test reports from the suppliers for the pump equipment testing, and review the certified performance testing results submittals.		40			45	45			110			240	\$ 38,771.60
	7.1													\$ -
	Provide the following personnel on-site - Process/Mechanical Engineer, Electrical Engineer, Instrumentation and Controls Engineer. 10 visits at 8 hrs ea		16			75	75			75			241	\$ 40,851.00
	7.2													\$ -
	8 Substantial Completion Walk-Through if required by JEA													\$ -
	Overall engineer of record to conduct a walk through to visually		8							8			16	\$ 2,751.68
	8.1 assess the project completion													\$ -
	Instrumentation and Electrical engineers of record to conduct a					8	16			4			28	\$ 5,057.44
	8.2 walk through to assess the project completion													\$ -
	8.3 Create a punch list		8			4	4			8	2		26	\$ 4,440.64

TASK	Scope Definition	RATE	PM/EOR	Sr. Professional W/WW Engineer	QA/QC Manager	Lead Structural Engineer	Lead Electrical/I&C Engineer	Professional W/WW Engineer	SR CADD Tech	Engineering Intern	Clerical / Admin	Other Direct Cost	HOURS/TASK	TOTAL FEE/TASK
	9 Final Walk-Through if required by JEA		\$ 234.00	\$ 218.40	\$ 218.40	\$ 192.40	\$ 192.40	\$ 130.00	\$ 124.80	\$ 109.96	\$ 74.88			\$ -
9.1	Overall engineer of record will conduct the final walk through to confirm and verify the completion of the punch list.		8							8			16	\$ 2,751.68
9.2	Instrumentation and Electrical engineers of record will conduct the final walk through to confirm and verify the completion of the punch list.						14			6	2		22	\$ 3,503.12
10	Construction Record Drawings													\$ -
10.1	Review at every contractor payment and formally request the <b>Contractor's construction red lines and check.</b>		18							35	16		69	\$ 9,258.68
11	Asset Management													\$ -
11.1	Review at every contractor payment request the <b>Contractor's</b> asset management table and equipment attribute table (refer as asset management tables).		18				8			35	16		77	\$ 10,797.88
11.2	Once accepted <b>Contractor's</b> asset management tables, update asset management tables (Note the <b>Contractor's</b> payment request acceptance is dependent of the acceptance by the CONSULTANT <b>of the Contractor's asset management table</b> ).		16				8			16	4		44	\$ 7,342.08
11.3	At the end of the construction, produce and submit construction asset management table for JEA review.		4							16	2		22	\$ 2,845.12
11.4	Incorporate JEA review comments and submit final asset management table.		2							4	1		7	\$ 982.72
12	Project Certification													\$ -
12.1	FDEP Certifications/permits for diesel tank etc.		8				2			8	2		20	\$ 3,286.24
	Expenses (Included in Constantine's Overhead Rate)													\$ -
	Expenses (Included in Constantine's Overhead Rate)													\$ -
2	TASK 2 LABOR FEE	\$	127,764.00	\$ -	\$ -	\$ 53,872.00	\$ 84,078.80	\$ -	\$ -	\$ 113,918.56	\$ 25,534.08			\$ 405,167.44
	TASK 2 HOURS		546	0	0	280	437	0	0	1,036	341		2,640	
	TOTAL LUMP SUM													\$ 444,904.00

Scope Definition	PM/EOR	Sr. Professional W/WW Engineer	QA/QC Manager	Lead Structural Engineer	Lead Electrical/I&C Engineer	Professional W/WW Engineer	SR CADD Tech	Engineering Intern	Clerical / Admin	Other Direct Cost	HOURS/TASK	TOTAL FEE/TASK
TASK	234.00	218.40	218.40	192.40	192.40	130.00	124.80	109.96	74.88			
1 PROJECT MANAGEMENT FOR WILSON BV PS												
1 Prepare detailed scope of services and a work plan with timeline (work schedule)	40		8					40	8		96	\$ 16,104.64
2 Prepare monthly invoices and submit project progress updates with invoices	24							40	40		104	\$ 13,009.60
TASK 1 LABOR FEE	\$ 14,976.00	\$ -	\$ 1,747.20	\$ -	\$ -	\$ -	\$ -	\$ 8,796.80	\$ 3,594.24			\$ 29,114.24
TASK 1 HOURS	64	0	8	0	0	0	0	80	48		200	
TASK 1 LUMP SUM												\$ 29,114.00
2 SERVICES DURING CONSTRUCTION FOR WILSON BV PS												
1 Pre-Construction Meeting												
1.1 Attend on-site pre-construction meeting.	4			4	4			4	2		18	\$ 3,064.80
1.2 Draft and submit meeting minutes for review.	4	4		2	2			6	2		20	\$ 3,388.72
1.3 Submit final meeting minutes	1							1	1		3	\$ 418.84
2 Construction Progress Meetings												
Attend on-site construction progress meetings if requested by JEA. Not to exceed 18	100							100			200	\$ 34,396.00
2.1 progress meetings. 6 hrs ea. to include general conformance w/docs												
2.2 Draft and submit meeting minutes for review.	18							36	18		72	\$ 9,518.40
2.3 Submit final meeting minutes.	8							8	8		24	\$ 3,350.72
3 Review Shop Drawings												
Receive, review, evaluate, and distribute shop drawings within 14 calendar business days of receipt of the shop drawings. Expected number of shop drawings 76	152			38	70			304	152		716	\$ 101,156.80
3.1												
4 O&M Manuals												
Receive, review, evaluate, and distribute O&M manuals within 14 calendar business days of receipt of the shop drawings. Expected number of manuals 17	16				12			65	16		109	\$ 14,398.28
4.1												
5 Requests for Information (RFI)												
Receive, review, and evaluate RFIs. Submit RFI response to JEA Construction Administrator. Expected number of RFIs 40	20			38	60			120	38		276	\$ 39,575.84
5.1												
6 Change Order												
6.1 Review Contractor's change order request if required by JEA (assume 12)	6			8	8			22	6		50	\$ 7,350.80
7 On Site Pump Witness Start-up and Performance Testing												
Review the submitted test plans and test reports from the suppliers for the pump equipment testing, and review the certified performance testing results submittals. Provide the following personnel on-site - Process/Mechanical Engineer, Electrical Engineer, Instrumentation and Controls Engineer.	22			22	38			95			177	\$ 27,138.20
7.1												
7.2 Instrumentation and Controls Engineer.	2			40	60			40			142	\$ 24,106.40
8 Substantial Completion Walk-Through if required by JEA												
Overall engineer of record to conduct a walk through to visually assess the project completion	8							8			16	\$ 2,751.68
8.1												
Instrumentation and Electrical engineers of record to conduct a walk through to assess the project completion	8			8	16			4			28	\$ 5,057.44
8.2												
8.3 Create a punch list	8			4	4			8	2		26	\$ 4,440.64
9 Final Walk-Through if required by JEA												
Overall engineer of record will conduct the final walk through to confirm and verify the completion of the punch list.	8							8			16	\$ 2,751.68
9.1												
Instrumentation and Electrical engineers of record will conduct the final walk through to confirm and verify the completion of the punch list.	8				16			6	2		24	\$ 3,887.92
9.2												
10 Construction Record Drawings												
Review at every contractor payment and formally request the Contractor's construction red lines.	16							34	18		68	\$ 8,830.48
10.1												
11 Asset Management												
Review at every contractor payment request the Contractor's asset management table and equipment attribute table (refer as asset management tables). Once accepted Contractor's asset management tables, update asset management tables (Note the Contractor's payment request acceptance is dependent of the acceptance by the CONSULTANT of the Contractor's asset management table).	16					8		34	18		76	\$ 10,369.68
11.1												
At the end of the construction, produce and submit construction asset management table for JEA review.	16					8		16	4		44	\$ 7,342.08
11.2												
11.3 JEA review.	4							16	2		22	\$ 2,845.12
11.4 Incorporate JEA review comments and submit final asset management table.	2							4	1		7	\$ 982.72
12 Project Certification												
12.1 FDEP Certifications/permits for diesel tanks etc. Expenses (Included in Constantine's Overhead Rate)	4				2			8	2		16	\$ 2,350.24
Expenses (Included in Constantine's Overhead Rate)												\$ -
TASK 2 LABOR FEE	\$ 101,790.00	\$ 873.60	\$ -	\$ 31,553.60	\$ 59,259.20	\$ -	\$ -	\$ 104,132.12	\$ 21,864.96			\$ 319,473.48
TASK 2 HOURS	435	4	0	164	308	0	0	947	292		2,150	
SUBTOTAL FOR WILSON BLVD SDC												\$ 348,587.00

Scope Definition	PM/EOR	Sr. Professional W/WW Engineer	QA/QC Manager	Lead Structural Engineer	Lead Electrical/I&C Engineer	Professional W/WW Engineer	SR CADD Tech	Engineering Intern	Clerical / Admin	Other Direct Cost	HOURS/TASK	TOTAL FEE/TASK
TASK	RATE \$	234.00	\$ 218.40	\$ 218.40	\$ 192.40	\$ 192.40	\$ 130.00	\$ 124.80	\$ 109.96	\$ 74.88		
ADDITIONAL DESIGN SERVICES AND PERMITTING FEES AND SERVICES FOR WILSON BLVD - LUMP SUM												
1 City of Jacksonville (COJ) Permit Fees for Wilson FM										\$ 902.00	0	\$ 902.00
2 FDEP Permit Fees for Wilson FM										\$ 250.00	0	\$ 250.00
3 Tree Mitigation Plan and COJ Permitting and Additional Design for Pipeline Rerouting	16	38					36	38	8		136	\$ 21,313.52
Additional Design Services Fee	\$ 3,744.00	\$ 8,299.20	\$ -	\$ -	\$ -	\$ -	\$ 4,492.80	\$ 4,178.48	\$ 599.04	\$ 1,152.00		\$ 22,465.52
Additional Design Services Hours	16	38	0	0	0		36	38	8		136	
ADDITIONAL DESIGN SERVICES AND PERMITTING FEES AND SERVICES FOR WILSON BLVD - LUMP SUM												\$ 22,466.00



## Formal Bid and Award System

Award #4 December 16, 2021

**Type of Award Request:** RENEWAL  
**Requestor Name:** Schoettler, Kyle C.  
**Requestor Phone:** (904) 665-8946  
**Project Title:** Design, Permitting and Construction Management for the Galvanized Pipe Replacement Program  
**Project Number:** 8007486  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$2,062,957.00 (FY22)  
 \$768,000.00 (FY23 until 4/30/2023)

### Scope of Work:

The scope of services to be performed shall consist of conceptual design and final detailed design services for the galvanized water main distribution system, and, if determined necessary, other infrastructure improvements within project rights-of-way. It also includes evaluating the larger project areas and determining the best approach for infrastructure replacement within the footprint. As construction projects are identified and funded, project management and construction inspection services will be provided.

**JEA IFB/RFP/State/City/GSA#:** 120-18

**Purchasing Agent:** Brown, Darriel D.

**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
ENGLAND THIMS & MILLER INC.	Robert Kermitz	kermitzr@etmnc.com	14775 Old St Augustine Rd, Jacksonville, FL 32258	(904) 642-8990	\$2,830,957.00

**Amount of Original Award:** \$3,000,000.00

**Date of Original Award:** 04/18/2019

**Change Order Amount:** \$2,830,957.00

### List of Previous Change Order/Amendments:

CPA #	Amount	Date
181724	\$300,000.00	09/27/2021

**New Not-To-Exceed Amount:** \$6,130,957.00

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

**Begin Date:** 04/30/2019

**End Date:** 04/29/2023

**Renewal Options:** Yes – One (1) – 1 Yr. Renewals

**JSEB Requirement:** Ten Percent (10%) Evaluation Criteria

**Comments on JSEB Requirements:**

Original Award + Renewal

C&ES - Construction Engineering and Inspection (CEI) - \$284,280.00 (4.6%)  
Four Waters Engineering - Design and Permitting - \$302,677.00 (4.9%)  
Peters & Yaffee - Design and Maintenance of Traffic (MOT) - \$58,500 (1.0%)  
Total: \$645,457.00 (10.5%)

**Background/Recommendations:**

Originally approved by Awards Committee on 04/18/2019 in the amount of \$3,000,000.00 to England-Thims & Miller (ETM). A copy of the original award is attached as backup. An administrative increase was approved on 09/27/2021 to allow work to continue under the contract while the renewal and increase were completed.

This request is for a renewal and contract increase of ETM's contract for the Permitting and Construction Management for the Galvanized Pipe Replacement Program. ETM facilitates the program development, management and survey/design to identify and prioritize the replacement of 211 miles of galvanized pipe in the JEA Water Distribution system. The program utilizes internal water construction crews and external contractors to facilitate the pipe work and operational completion of the identified projects. JEA has increased the amount of design and construction management ETM will perform for the upcoming fiscal year(s) and has correspondingly increased the budget for the galvanized pipe program. Task orders are issued for each individual galvanized pipe project and billed using the contract hourly rates. The expected breakout for the contract increase is detailed below:

1. Program Management	\$360,000.00
2. College/Forbes Packages CEI	\$484,280.00
3. Design - Forbes (Contractor Bid & Construction)	\$302,677.00
4. Design - Forbes (JEA Construction)	\$500,000.00
5. Design - Green St/Myra St	\$81,000.00
6. New Project Area Identification and Definition (incl. SUE)	\$205,000.00
7. JEA Construct (New Countywide Projects)	\$700,000.00
8. As-Built Support of JEA Construct Projects	<u>\$198,000.00</u>
<b>Total Contract Increase Request</b>	<b>\$2,830,957.00</b>

Planned Spend by FY:

FY22: \$2,062,957.00  
FY23 (until 4/30/2023): \$768,000.00

It is worth mentioning, ETM has not yet met their 10% JSEB goal for the initial term of the contract. Based on discussions between JEA and ETM, ETM has committed to a JSEB spend level that will make up for the initial 3-year term, plus the one-year renewal.

Request approval to award a renewal and contract increase to England-Thims & Miller, Inc. for the Design, Permitting and Construction Management for the Galvanized Pipe Replacement Program in the amount of \$2,830,957.00, for a new not-to-exceed amount of \$6,130,957.00, subject to the availability of lawfully appropriated funds.

**Director:** Scheel, Jackie B. - Dir W/WW Reuse Delivery & Collection

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

**APPROVALS:**

Stephen Doherty 12/16/21

Chairman, Awards Committee

Date

*Laure A Whitmer*

12/20/21

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Budget Representative

Date



## Formal Bid and Award System

CPA 181724

Award #5 April 18, 2019

**Type of Award Request:** PROPOSAL (RFP)  
**Request #:** 6289  
**Requestor Name:** Chascin, Kenneth J.  
**Requestor Phone:** (904) 665-6185  
**Project Title:** Design, Permitting and Construction Management for the Galvanized Pipe Replacement Program  
**Project Number:** 8005547  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$3,000,000.00 (Awarded to Budget)

### Scope of Work:

The scope of services to be performed shall consist of conceptual design and final detailed design services for the galvanized water main distribution system, and, if elected, other infrastructure improvements within project rights-of-way. It also includes evaluating the larger project areas and determining the best approach for infrastructure replacement within the footprint. As construction projects are identified and funded, project management and construction inspection services will be provided.

This award positively impacts the following JEA Measures of Value:

- Customer Value – Replacement of infrastructure that has either exceeded or is quickly approaching the end of its useful life will provide better water pressure and increased system reliability
- Financial Value – Proactive replacement rather than unplanned emergency repairs

**JEA IFB/RFP/State/City/GSA#:** 120-18  
**Purchasing Agent:** Kruck, Daniel R.  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
ENGLAND THIMS & MILLER INC.	Robert Kermitz	kermitzr@etmnc.com	14775 Old St Augustine Rd, Jacksonville, FL 32258	(904) 642-8990	\$3,000,000.00

**Amount for entire term of Contract/PO:** \$3,000,000.00  
**Award Amount for remainder of this FY:** \$342,294.00  
**Length of Contract/PO Term:** Three (3) Years w/Two (2) - 1 Yr. Renewals  
**Begin Date (mm/dd/yyyy):** 04/30/2019  
**End Date (mm/dd/yyyy):** 04/30/2022  
**Renewal Options:** Yes – Two (2) – 1 Yr. Renewals  
**JSEB Requirement:** Ten Percent (10%) Evaluation Criteria

**Comments on JSEB Requirements:**

Task 1 JSEB

CSI Geo (Geotechnical) – 43.85%

**PROPOSERS:**

Name	Amount	Rank
ENGLAND-THIMS & MILLER INC.	\$3,000,000.00	1
CONSTRUCTION MANAGEMENT TECHNICAL SERVICES (CMTS)	N/A	2
CONSTRUCTION AND ENGINEERING SERVICES CONSULTANTS INC. (C&ES)	N/A	3

**Background/Recommendations:**

Advertised on 08/02/2018. Six (6) prime companies attended the mandatory pre-proposal meeting held on 08/06/2018. At proposal opening on 09/25/2018, JEA received three (3) Proposals. The public evaluation meeting was held on 12/14/2018 and JEA deemed England-Thims & Miller most qualified to perform the work. A copy of the evaluation matrix and negotiated scope and task 1 fees are attached as backup.

Negotiations with England-Thims & Miller were successfully completed. JEA has budgeted \$1,000,000.00 per year for the engineering portion of the Galvanized Pipe Replacement Program. JEA is awarding the budget amount and work will be assigned via task order to England-Thims & Miller for each design project using the negotiated hourly rates. Each construction project designed under this program will be bid out via the appropriate delivery method. It is anticipated most projects will be design-bid-build.

The first task order consists of the following:

- Program Work Plan
- Program Schedule
- Quality Assurance/Quality Control Plan
- Project Area/Sub-Area Finalization
- Project Definitions
- Monthly Status Reports

Project Budget Details:

- Engineering Budget Estimate (at the time of Proposal): \$3,000,000.00
- Task 1 Fee: \$342,294.00

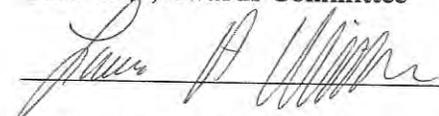
120-18 – Request approval to award a contract to England-Thims & Miller for the Design, Permitting and Construction Management for the Galvanized Pipe Replacement Program in the amount of \$3,000,000.00, subject to the availability of lawfully appropriated funds.

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

**APPROVALS:**

 \_\_\_\_\_ 4/18/19

**Chairman, Awards Committee** **Date**

 \_\_\_\_\_ 4/18/19

**Manager, Capital Budget Planning** **Date**

**120-18 Design, Permitting and Construction Management for the Galvanized Pipe Replacement Program**

Vendor Rankings	Ken Chascin	Roderick Jackson	Justin Sencer	Σ Rank	Overall Rank
England-Thims & Miller	1	1	2	4	1
C&ES	2	3	1	6	2
CMTS	3	2	3	8	3

Ken Chascin	Professional Staff Experience (30 Points)	Design Approach and Work Plan (30 Points)	Company Experience (25 Points)	Proximity to JEA (5 Points)	JSEB (10 Points)	Total	Rank
England-Thims & Miller	27.68	22	18	5	8	80.68	1
CMTS	27.92	9	14	5	8	63.92	3
C&ES	28.16	13	9	5	10	65.16	2

Roderick Jackson	Professional Staff Experience (30 Points)	Design Approach and Work Plan (30 Points)	Company Experience (25 Points)	Proximity to JEA (5 Points)	JSEB (10 Points)	Total	Rank
England-Thims & Miller	28.56	27	23	5	8	91.56	1
CMTS	28.24	21	22	5	8	84.24	2
C&ES	27.6	19	19	5	10	80.60	3

Justin Sencer	Professional Staff Experience (30 Points)	Design Approach and Work Plan (30 Points)	Company Experience (25 Points)	Proximity to JEA (5 Points)	JSEB (10 Points)	Total	Rank
England-Thims & Miller	22.72	21	14	5	8	70.72	2
CMTS	25.84	3	10	5	8	51.84	3
C&ES	28.4	25	17	5	10	85.40	1

Overall Averages	Professional Staff Experience (30 Points)	Design Approach and Work Plan (30 Points)	Company Experience (25 Points)	Proximity to JEA (5 Points)	JSEB (10 Points)	Total
England-Thims & Miller	26.32	23.33	18.33	5.00	8.00	80.99
CMTS	27.33	11.00	15.33	5.00	8.00	66.67
C&ES	28.05	19.00	15.00	5.00	10.00	77.05

March 25, 2019

Ken Chascin  
 Manager- W/WW Reuse Delivery & Collection Maintenance Planning & Engineering  
 JEA  
 2434 North Pearl St.  
 Jacksonville, FL 32206

RE: Galvanized Pipe Replacement Scope of Services  
 FY 2018/19 Program Management Services  
 Task 1 Fee Summary and Contract Attachments

Dear Mr. Chascin

As requested, ETM is pleased to submit the below Task 1 Fee Summary for the FY 2018/19 Program Management Scope of Services to be included with the initial Contract Award process. The scope of services to be provided in Task 1 includes: development of a Program Work Plan, the Program Budget, the Program Schedule, a Quality Assurance/Quality Control Plan, Project Area/Sub-Area Finalization/Project Definitions, a Monthly Program Status Report and Periodic/Monthly Progress Meetings as further defined on pages 1-3 of the attached Program Scope of Services.

Based on our meetings and discussions with you for the initial start-up of the Galvanized Pipe Program, ETM proposes to provide staff in accordance with the forecast manhours and Contract rates indicated below:

PROGRAM MANAGEMENT FY 18/19				
Staff Position	Name	Rate	Total Hours	Total Cost
Principal-In-Charge	Scott Wild	\$245.00	52	\$12,740
Senior Engineer	Doug Hurst	\$189.00	104	\$19,656
Engineer	Nicole Bolatete	\$149.00	130	\$19,370
Senior Project Manager	Robert Kermitz	\$189.00	520	\$98,280
Sr. Engr Design	Various	\$144.00	16	\$2,304
GIS Analyst	Various	\$128.00	208	\$26,624
Admin Assistant	Various	\$80.00	104	\$8,320
<b>SUBTOTAL PROGRAM MANAGEMENT FY 18/19</b>			<b>1134</b>	<b>\$187,294</b>
<b>Subsurface Utility Engineering (Soft-Digs) Not-To-Exceed</b>				<b>\$150,000</b>
<b>Expenses</b>				<b>\$5,000</b>
<b>Program Management Fy 18/19 Subtotal</b>			<b>1134</b>	<b>\$342,294</b>

Attached is a finalized ETM Hourly Fee Schedule for 2019 as negotiated for inclusion in the Contract.

As referenced above, also attached is a finalized Scope of Services as negotiated for inclusion in the Contract.

ETM proposes to provide the requested services on a reimbursable basis in the not-to-exceed amount of \$342,294.00.

We are excited to provide JEA the services needed for this program and look forward to starting as soon as the contract is signed. Please contact me with any questions regarding this letter or any of the attachments.

Sincerely  
England-Thims & Miller, Inc.



Robert J Kermitz  
Vice President

Attachments:

- Scope of Services for JEA's Galvanized Pipe Replacement Program
- Hourly Fee Schedule for 2019

cc via email

Dan Kruck – JEA Senior Purchasing Agent  
Justin Sencer – JEA W/WW Engineer

**ENGLAND-THIMS & MILLER, INC.**  
**JEANEGOTIATED HOURLY FEE SCHEDULE – 2019**

<b><i>Management &amp; Engineering</i></b>	<b><i>Negotiated Rate</i></b>
Principal-CEO/CSO/President	\$265.00/Hr.
Principal - Vice President	\$245.00/Hr.
Senior Engineer	\$189.00/Hr.
Engineer (PE)	\$149.00/Hr.
Engineer (EI)	\$92.00/Hr.
Senior Project Manager	\$189.00/Hr.
Project Manager	\$175.00/Hr.
Assistant Project Manager	\$142.00/Hr.
Senior Engineering Designer	\$144.00/Hr.
Engineering Designer	\$124.00/Hr.
CADD Technician	\$116.00/Hr.
Intern	\$50.00/Hr.
<b><i>Planning &amp; Landscape Architecture</i></b>	
Senior Planner	\$175.00/Hr.
Planner	\$144.00/Hr.
Senior Landscape Architect	\$161.00/Hr.
Landscape Architect	\$144.00/Hr.
Senior LA Designer	\$144.00/Hr.
Landscape Designer	\$124.00/Hr.
Art Director	\$144.00/Hr.
<b><i>Construction Engineering &amp; Inspection</i></b>	
CEI Senior Engineer.....	\$209.00/Hr.
Senior Inspector	\$144.00/Hr.
Inspector	\$116.00/Hr.
<b><i>GIS &amp; Support Services</i></b>	
GIS Programmer	\$154.00/Hr.
GIS Project Manager	\$116.00/Hr.
GIS Analyst	\$128.00/Hr.
GIS Technician	\$116.00/Hr.
Administrative Support	\$80.00/Hr.
Accountant.....	\$97.00/Hr.

3/27/2019

**Scope of Services**  
**Program Management, Design and CEI Services for**  
**JEA's Galvanized Pipe Replacement Program**  
**ETM 18-171**

**Introduction**

The purpose of this program is to provide program management, design, CEI and other related professional services to JEA for the implementation of Galvanized Pipe Replacement projects. These services, provided by England-Thims & Miller, Inc. and its' subconsultants, will be provided under an agreement for an initial period of 3 years with two one-year renewal options.

**Task 1: Program Management Services:**

**Program Management Services**

ETM will prepare the Program Work Plan, Program Budget, Program Schedule, and a Quality Assurance/Quality Control Plan.

*Task 1.1 Prepare a Work Plan*

ETM shall prepare a Program Work Plan which shall include the Program description, team members, guidelines for communication, and guidelines for Program development.

*Task 1.2 Program Kick-Off Meeting*

ETM shall conduct a kickoff meeting with JEA staff to discuss the Program and identify the critical aspects of the Program. In addition, ETM and JEA will outline the Program milestones and develop a schedule for the milestone work activities. ETM shall provide an agenda and meeting minutes summarizing the findings of the meeting. ETM will also conduct a Program kick-off meeting with COJ (Public Works and Development Services) to communicate the extent of the Program and its' potential effect on COJ projects and the community.

*Task 1.3 Program Progress Meetings*

ETM shall participate in regular Program progress meetings with JEA staff. These meetings will allow JEA to review ETM's progress and exchange vital ideas and information. These meetings will be held at least monthly (or more often during the start-up of the Program). Overall resource utilization, Program priority adjustments, schedule review, conflict resolution, and inter-Agency coordination will be typical topics of discussion. ETM will provide an agenda and meeting minutes summarizing the findings of the meetings to JEA.

**Initial Program Execution Methodology.** In order to implement the Program, ETM will perform the following activities:

- **Project Area/Sub-Area Finalization/Project Definition:** Each Project Area and/or Sub-Area will require boundary definition to identify the limits of pipe to be replaced. ETM will utilize the Tier 1 Project Areas described in the RFP as the initial Project Areas and evaluate each Project Area to ensure the small diameter pipe within the Project Area boundary is evaluated to determine its' material of construction . This effort will include pipe identification/evaluation via Subsurface Utility Engineering (SUE) and/or review of JEA available information. ETM will evaluate each Project Area to determine if fire flow modeling is required, COJ paving/project impact analysis, Joint Agency Project impact analysis and ASH Remediation Program impact analysis. ETM shall conduct site visit(s) as needed to obtain an understanding of the unique attributes that the numerous areas of Jacksonville included in this Program (such as historic attributes, tree canopy, narrow ROW, etc.), develop lists of potential stakeholders, and identify potential concerns to successful project execution. In addition, the site visit(s) will be utilized to identify and review potential impacts/conflicts, document the JEA's goals for the Project Area or Sub-Area design and seek methods to expedite the design and permitting and construction processes. ETM will provide an analysis to JEA Staff for review and approval prior to finalizing the specific Project Area or Sub-Area boundaries. This analysis shall include proposed stub-outs and valves at Project Area/Sub-Area terminus points for future improvements. This analysis is critical to maximizing efficient utilization of resources. A Project Definition document in conformance with JEA requirements will be developed for each Project Area/Sub-Area.
- **Program Cost Savings Research:** ETM will immediately begin Program cost savings research to identify potential cost savings concepts that may be appropriate for the Galvanized Pipe Replacement Program including new technology, equipment or methods. Historically, costs for the design of projects anticipated in the Program included a high proportion for survey, SUE and geotechnical support. ETM will investigate methods of data collection and design requirements that may be advantageous to the Program while still delivering the desired end product. ETM will also research construction methods that may not have been implemented locally based on new technology or Standards restrictions. A Pilot Project is described at the end of this Scope of Services document for the first Project Area.
- **Program Mapping:** GIS products provided by ETM will be based upon the COJ's street centerline file, current City MS4 inventory and JEA provided Water/Sewer/Reclaimed data. These will be produced using ESRI products, which allow for seamless integration into JEA's existing system.
- **Budget Development:** ETM will recommend annual budgets for Program Management, design and construction and other actions necessary to support the efficient progression of the Program.
- **Schedule Development:** Based upon the annual budgets, ETM will recommend the scheduling of project-related tasks necessary to support an efficient program execution methodology. This schedule development may take into account such items as: availability of real estate, availability of grant and other supplemental funding sources, collaboration

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with other capital improvement programs/Agencies, permitting, and other items which can affect the Program.

- **Program Status:** ETM will provide periodic briefings to JEA staff on the status of the Program and review the current status of individual Project Areas, budget, and schedule. These briefings will be used to update the annual Program budget for JEA Galvanized Pipe Replacement Program and create Trend documents for budget and schedule adjustments.

**On-going Program Execution Methodology:** In order continue refinement and build on the Initial Program Execution Methodology described above, ETM will perform the following activities as the Program evolves:

- **Budgets:** ETM will review and provide comments to JEA on both individual Project Area budgets and Program-level requirements and budgets. Individual Project Areas will be reviewed at the 30, 60, 90 and 100% design phase submissions. Project Areas, which have not initiated design, will be included within the program-level review. ETM will advise JEA of design, JEA Standards or statutory changes that require a variance in approved budgets
- **Cash Flow Analysis:** ETM will perform cash flow analyses and advise JEA of projected funding needs on a quarterly basis. ETM will develop and maintain a Program cash flow that will forecast and track both design and construction funding for the overall Program. ETM will provide information in a format consistent with JEA reporting requirements.
- **Schedules:** ETM will develop and maintain Project Area schedules in a format consistent with JEA reporting requirements. ETM will develop summary schedules that will allow the controls necessary to forecast critical schedule and budget information. ETM will obtain schedules from the COJ, JEA, FDOT, JTA, and others to ensure coordination of design and construction with adjacent or overlapping projects.
- **Status Reports:** ETM will provide monthly status reports to JEA detailing recent and current significant actions, status of projects, updated estimates and schedules. When necessary, ETM will highlight variances from schedule, report these to JEA, detail the reason for the variance, and present a plan to address the issue(s) causing the schedule variance.

**General Administrative Services:**

- ETM will attend production meetings with JEA staff on a monthly basis as needed.
- ETM will meet with JEA W&S Preventative Maintenance staff periodically to keep current on changing needs or events that may affect the Program.
- ETM will assist JEA in finding, applying for and/or acquiring available grants/loans. ETM will develop a list and schedule of grants/loans that are applicable to water main replacement projects for periodic discussion with JEA staff. This effort will also include City/State programs that may be specific to private property improvements that may result from the improvements to the overall water system.

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- ETM will assist JEA in conducting Public Outreach functions supporting this program, including preparation of presentation exhibits and participation at Public Meetings. Information developed may include homeowner expectations of post project improvements.
- ETM will coordinate with other stakeholders as needed for Program implementation.

#### **Cost Savings Initiatives/Project Execution Strategies Services:**

In order to facilitate Program execution, ETM will advise JEA on alternative project execution strategies, including Unit-Price water main replacement specific contracts, Master Contracts, Design-Build, CMAR and best value selection processes. ETM will provide the procurement support activities necessary, including design criteria package preparation and development of selection methodologies to assist JEA in implementation of these various execution strategies. ETM will assist JEA in negotiations of scope of work, fee, and terms of contract agreements for the execution strategy being implemented and provide recommendations to JEA regarding Contractors' fee proposals/bids. ETM will review submitted proposals/bids for compliance with JSEB participation requirements.

ETM will continue research on cost savings methods that may benefit the Program. This may require coordination with the JEA Standards Committee.

#### **Task 2: Engineering & Design Services:**

##### **General Design Services**

ETM will perform the following design functions and follow the below general design parameters:

- Prepare plans at the 30%, 60%, 90%, and 100% completion stages; Project specific construction specifications at the 90% and final completion stages; and estimates of construction costs as further detailed below.
- ETM shall prepare estimates at the following stages of the project: thirty percent (30%), sixty percent (60%) and ninety percent (90%). For the 100% design deliverable the estimate and quantity takeoff will be included in the 100% Final Design/ Construction Bid submittal package.
- Designs shall comply with the requirements of appropriate sections of the JEA Water and Wastewater Standards Manual – most current edition.
- Design shall include fire flow testing and include valves and fire hydrants at appropriate intervals which comply with the requirements of the JEA Water and Wastewater Standards Manual
- Design shall include separation (from other utilities, structures and hardwood trees) in accordance with FAC Chapters 62-555, 62-604, 62-610 and Sections 350 and 429 of the latest JEA Water and Wastewater Standards Manual including project specific JEA Standard Construction Details.

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- Design shall include Temporary Traffic Control (TTC) plans for submittal to COJ and/or FDOT as needed.
- Design shall include roadway restoration according to FDOT and COJ specifications and standards.
- Design shall include entranceway, sidewalk, traffic loop, and landscaping restoration as well as restoration of other impacted structures.
- Perform constructability review of plans prior to letting for bids.
- ETM will perform value engineering services on the design plans at the 30% and 90% level of design.
- Participate in design review meetings in order to facilitate the successful resolution of all design review comments.

#### **Public Information Program**

ETM may be required to meet with JEA personnel and assist with the project presentation and discussions. The assistance with this task may include the following:

- Preparation of applications, exhibits, and drawings to show the general layout of the work proposed.
- Furnishing additional information about the project design required for public education about the project.
- ETM may be required to assist JEA in meeting with the representatives of the owners of affected facilities including utility companies, school districts, railroad companies, pipeline companies, developers and others to discuss the impact of a specific project.
- ETM may be required to 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.

#### **Real Estate Acquisition Support Services:**

- ETM will coordinate the acquisition any of permanent or Temporary Construction Easements (TCE's) at the Conceptual and 60% Design phases. ETM will coordinate and adjust site and boundary surveys and legal descriptions as necessary for acquisition/closing.
- Coordinate the acquisition of environmental Phase I assessments on questionable parcels required for a project, environmental Phase II assessments, as necessary, as determined by review/evaluation of Phase I reports, and for Phase III environmental remediation activities, if and as necessary.
- Support JEA Real Estate and/or any firm JEA utilizes for real estate acquisition actions.

### **Post Design/Construction Bidding Support Services**

ETM will assist JEA by managing the Post Design/Construction Bidding phase of the Galvanized Pipe Replacement program by accomplishing the following functions:

- Upon satisfactory completion of plans, specifications, cost estimate and contract documents, coordinate with JEA Procurement that projects be put out for bids.
- Attend pre-bid conferences.
- Coordinate answers for bidder inquiries and Requests for Information (RFI's).
- Coordinate the issuance and distribution of addenda to the bid documents, as necessary.
- Continue refining final cost estimates, as necessary.
- Assist JEA as needed during the bidding process.
- Assist JEA in evaluating bids or proposals including adherence to any required JSEB participation.
- After award and contracting with the contractors, coordinate the preparation and issuance of "Issued for Construction" sets of construction drawings that incorporate changes made through the addenda process.

### **Detailed Project Area Design Tasks**

Detailed Project or Sub-Project Area Design (Lump Sum or NTE Costs will be negotiated for each Project Area or Sub-Project Area as the Program evolves). The following are specific Project Area or Sub-Area Tasks that will be reflected in the schedule developed for each Project Area or Sub-Area.

#### ***Project Specific Kick-Off Meeting***

ETM shall prepare and conduct a kickoff meeting with JEA staff to identify and discuss the critical aspects of the project area along the project route. ETM and JEA will work together to outline the project milestones and develop a schedule for the work activities. ETM shall provide an agenda and meeting minutes summarizing the findings of the meeting.

#### ***Project Specific Progress Meetings***

ETM shall hold progress meetings at key milestones within the design process of each Project Area or Sub-Area. These meetings will be used for JEA to review the progress of ETM and exchange vital ideas and information. These meetings will be held at the 30% Stage, 60% Stage and the 90% Stage. ETM will provide an agenda and meeting minutes summarizing the findings of the meetings to JEA.

#### **Task 2.A Conceptual (30%) Design**

The conceptual design phase will lock the design basis prior to the development of construction documents. ETM will finalize the water main installation technique during this stage, and a preliminary engineering report will be developed to support permitting activities.

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ETM shall provide JEA with one (1) electronic (pdf) file and paper copies as required of the thirty percent (30%) design drawings for JEA review and comment. ETM shall appropriately address JEA review comments for final approval by JEA. Upon approval, the revised documents will establish the design basis for the next milestone.

#### ***Task 2.A.1 Pipeline Corridor Route Review/Evaluation***

ETM 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 that may impact alignment, and other factors identified in the field that could be a hindrance or impact to pipeline routing. Using this information as a base, a proposed water main route shall be developed by ETM in AutoCAD format. The proposed route will be based on as-built information provided by JEA, and shall show the following information:

- The location of existing major underground infrastructure such as utility piping and stormwater drainage piping as shown in as-built drawings provided by JEA and available from the COJ 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.
- The location of existing aboveground infrastructure such as buildings, pavement, concrete pads, driveways, signs, bus stops, traffic signals, etc. as provided by ETM's survey.
- Identified areas of concern that will be evaluated using subsurface exploration during the site survey work.
- Type of construction (open-cut or trenchless techniques).
- Temporary Traffic Control Plan complexity

ETM shall provide JEA with four (4) full size (24"X36") sets and one (1) electronic (pdf) file of thirty percent (30%) Conceptual Design Drawings for their review and consideration.

#### ***Task 2.A.2 Geotechnical Services***

Based on the proposed water main route, ETM shall provide the following preliminary geotechnical (soil) investigation:

- 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 planning purposes, it is assumed that geotechnical borings will be required every 500 feet and to a depth of at least five (5) feet below the pipe invert and or special road crossing areas. Pavement cores will extend two (2) feet below pavement surface. For planning purposes 15% of subsurface explorations are assumed to occur within the roadway.
- Perform SPT borings.
- Perform classification tests on selected samplings obtained from the borings.

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- Visually classify soil samples in general accordance with the United Soil Classification System and prepare Test Boring Records.
- Summarize the results of the geotechnical investigations and provide recommendations for surface preparation and design of any proposed structures.
- Review site specifications and revise as appropriate for site-specific requirements.
- Sample Groundwater and analyze the data to comply with FDEP Generic Permit for Groundwater Discharge. The laboratory analyses shall be completed in accordance to FDEP's Standard Operating Procedures (SOPs) and performed by a State of Florida certified laboratory.
- Prepare a Dewatering Plan for the construction project.
- Identify any areas of suspected soil and/or groundwater contamination. Address required mitigation for dewatering and pipeline installation in design and bid documents.

### **Task 2.A.3 Site Survey**

ETM shall provide the following survey services:

- A topographic survey of the ROW in accordance with current JEA standards (ASCE 38-02 Quality Level B) shall be performed. The survey shall include both sides of roadways along the project route and shall include all utility locates within the project area. ETM anticipates performing the majority of the survey field effort utilizing Lidar/laser scanning technology. Alternate data gathering technologies shall be reviewed and approved by JEA prior to implementation on any project.
- Surveyor shall locate existing trees and determine the size and species of existing trees.
- Surveyor shall prepare a final AutoCAD survey meeting the standards set by JEA and ETM. Signed and sealed copies will be provided for documentation.

Once the project approach and proposed routing is locked, ETM shall provide the following survey information using subcontractor field services:

- A subsurface survey in accordance with current JEA standards (ASCE 38-02 Quality Level A) will be performed.
- Subsurface exploration will be performed at the locations identified during the development of the water main route.

If requested, after all survey has been completed, ETM shall provide JEA with copies of the survey files.

### **Task 2. B – Permitting Assistance**

The permit applications are anticipated for this Program include:

- COJ 10-Set Review
- FDOT ROW
- FDEPs Notice of Intent to Generic Permit for the Discharge of Groundwater
- FDEP/JEA Permitting of New Water Mains

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ETM shall prepare applications for permits as may be required and related to the facilities to be design under this Contract. Permit-related work shall include furnishing required reports, data, drawings, and other information requested; and assisting JEA in submitting the required permit applications.

ETM shall submit permit applications to JEA for review and meet with JEA as required to discuss JEA's review comments. ETM shall revise the applications as appropriate and submit to appropriate regulatory agencies for review. ETM shall also respond to additional Request For Information (RAI) per permit application. All permit fees are the responsibility of JEA.

***Task 2. B.1 Florida Department of Transportation***

If needed for a specific project, ETM shall prepare and submit a permit application to Florida Department of Transportation (FDOT) for their review for the installation of a JEA wastewater collection / transmission system in the FDOT right of way along the proposed water main route. ETM shall monitor the permit throughout the approval process. ETM shall submit the permit application to FDOT for review and meet with FDOT as required (estimated to be a minimum of two (2) meetings) to discuss FDOT's review comments. ETM shall provide responses to Requests for Additional Information (RAI) as needed.

***Task 2.B.2 City of Jacksonville Permit Application***

ETM shall meet with representatives of COJ to discuss the objectives of the overall project and to clarify the level of permitting needed for the permit. If a permit determination requires a COJ Utility Permit, the ETM shall prepare and submit a permit application to COJ for their review for the installation of a JEA replacement water system in the COJ right of way along the proposed water main route. ETM shall assist in gaining the COJ Right-of-Way Letter Approval Note which will include the preparation of a Stormwater Pollution Prevention Plan (SWPPP) that meets the minimum erosion and sedimentation control measures required by the COJ Ordinance 94-994-E. ETM shall monitor the permit throughout the approval process. ETM shall submit the permit application to COJ for review and meet with COJ as required (estimated to be one meeting) to discuss COJ's review comments. ETM shall provide responses to one (1) Request for Additional Information (RAI) and submit to JEA for review.

***Task 2.B.3 FDEP Permit***

ETM shall prepare or use a sub-consultant to prepare and submit the FDEPs Notice of Intent to Generic Permit for the Discharge of Groundwater to Surface Water. ETM shall subcontract with a geotechnical firm to obtain a pre-discharge sample of groundwater

**Task 2.C 60% Design**

ETM shall provide engineering services to develop 60% design drawings for the water main extension that includes the following:

- Preparation of a final water main route based on comments received showing water

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- main location, potential utility conflicts, roadways, and demolition areas.
- Coordination of any Roadway and Drainage replacement. Drainage design or repair shall be in accordance to FDOT and COJ standards.
- Design plans shall identify known conflicts and address required clearances through the addition of specific conflict notes at each conflict.
- Design plans will not include profile drawings unless specifically required due to significant utility conflicts and/or depth of pipe.

ETM shall provide JEA with one (1) electronic (pdf) file of the sixty percent (60%) design drawings for their review and consideration. ETM shall appropriately address JEA review comments for final approval by JEA. Upon approval, the revised documents will establish the design basis for the next milestone.

## **Task 2D      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 2.D.1    Preparation of 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 water main extension. The plan and profile sheets will be developed at a plan view scale of 1" = 20'. This project will utilize JEA's standard technical specifications.

In the progress of the final design task, it is anticipated that two reviews will occur – at the 90% and 100% levels of document completion. For each review, ETM shall appropriately address JEA review comments for final approval by JEA. Upon approval, the revised documents will establish the design basis for the next milestone.

### ***Task 2.D.2    Ninety Percent (90%) Design Documents***

ETM shall provide JEA with six (6) full size (24"X36") sets and one (1) electronic (pdf) file of ninety percent (90%) Design Drawings for their review and consideration. ETM shall work with their sub-consultants to review any comments on the design. At this time ETM shall meet with JEA to review the 90% Design and discuss comments. The documents submitted at the 90 ninety percent (90%) level will be essentially complete pending final QA/QC review.

### **Task 2.E – 100% Design (*Finalize Construction Documents*)**

ETM shall prepare final design drawings showing all notations for the installation of the proposed water main based on comments at the ninety percent (90%) design review. ETM shall incorporate JEA and Permitting comments as well as work with their sub-consultant for a final QA/QC of the Contract Drawings. ETM shall provide electronic versions of the 2D

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drawings to JEA for bidding purposes. An estimate and quantity takeoff will be included in the 100% Final Design/ Construction Bid submittal package

**Task 2.F - Bidding Services and Support**

ETM shall provide six (6) complete full-size (24"x36") signed and sealed sets, six (6) half-size (12"x18") sets, and one (1) electronic (PDF and AutoCAD) set of construction drawings to JEA. ETM will attend one (1) pre-bid meeting/site tour and assist JEA in responding to questions from bidders.

ETM will 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. ETM may be required to revise the 100 percent design documents to incorporate changes made in the addenda issued to bidders.

**Task 2.G Construction Engineering Inspection (CEI) Services**

This service will be defined and contracted for via an amendment to this contract at a later date as determined by JEA and the progression and needs of the Program.

## Galvanized Pipe Program - ETM Pilot Project Proposal

### Overview

ETM proposes implementing a Pilot Project for water main projects identified in the JEA Galvanized Pipe Program. The Pilot Project will vet an alternative design approach during the execution of the College St. Project Area that hopes to minimize design duration, reduce cost and meet JEA's overall objectives for the Program. If successful, an alternative design process will be documented and used on remaining Program projects.

### Why a Pilot Project?

1. Magnitude of existing galvanized pipe needing replacement (over 370,000 LF of galvanized pipe in Tier 1 projects) warrants the need to pursue a faster/less expensive methodology than JEA's design requirements while balancing design cost, construction risk and desired deliverable.
2. Identified projects are almost all in residential areas with less risk than congested, high traffic roadways.
3. Replacement of water mains and services up to existing meters are typically within existing ROW's and except in unique circumstances parcel boundary survey level accuracy is not required, thus minimizing need for ROW to ROW conventional survey.

### What does ETM propose?

ETM is currently investigating the following "survey" options for possible implementation:

- *Aerial/ground photogrammetry on a test block with ASEC (drone company we have under contract)*
  - *Using NearMap as the base info for photogrammetry, create a CAD drawing from NearMap info for same area ASEC is flying for us*
  - *ETM SMI will investigate the use of Mobile Lidar Scanning as a faster/more cost effective tool*
1. ETM proposes the piloting of the above concepts on different areas of the College St. Project Area to develop the basis of the design process (base drawings). Concepts will be reviewed in detail with JEA prior to implementation.
  2. Provide supplemental conventional survey at selected locations to insure geo-referencing to State Plane Coordinates
  3. Provide Subsurface Utility Engineering (SUE) at an increased level to identify selected conflicts
  4. Water main sizing will be based on conventional residential distribution grid sizes (8-inch and 6-inch) in lieu of detailed hydraulic modeling of the distribution grid except for areas where JEA is aware of supply concerns
  5. Provide detail design (profile) at intersection crossings that warrant increased design level of effort due to complexity of intersecting utilities
  6. Utilize JEA Design Details (Case A, Case B and horizontal deviations) for resolution of conflicts

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#### Program Benefits

1. Project area base maps can be developed quicker allowing the 30% conceptual design process to be completed sooner
2. Ultimately reduced survey & design cost after implementing lessons learned through Pilot Project
3. Establishes a basis of cost for design of remaining Tier 1 projects which provides improved Program budgeting.
4. Installed pipelines and services accuracy ensured through contractor documentation requirements and as-built verification process.

TO: Justin Sencer, P.E. – JEA  
Kyle Schoettler – JEA

FROM: Robert Kermitz – ETM 

DATE: October 28, 2021

RE: **Galvanized Pipe Replacement Program – ETM Contract Renewal Task Proposal (Contract #181724)**

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ETM is pleased to provide the following proposed work tasks and budgets for the Galvanized Pipe Replacement Program contract term extension through April 2023:

**1. Program Management \$360,000**

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Fiscal Year 2022:	\$230,000
October 2022 – April 2023:	\$130,000

The scope of this task includes the continued refinement of the Program Work Plan, Budget, and Schedule in conjunction with JEA's evolving goals and objectives. This task also includes the overall management of the Galvanized Pipe Replacement program activities such as monthly progress meetings, task management of survey, design and construction services, GIS Portal refinement and data maintenance.

**2. College/Forbes Packages CEI \$484,280**

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Fiscal Year 2022:	\$284,280
October 2022 – April 2023:	\$200,000

This task is to provide CEI services during the construction of packages in the College and Forbes project areas:

- College Package H (FY22) – 2,985 LF; construction duration ~4-5 months \$84,280
- College Package K (FY22) – 3,572 LF; construction duration ~5-6 months \$125,000
- College Package L (FY22) – 2,103 LF; construction duration ~4-5 months \$75,000
- College Package E-F (FY23) – 8,516 LF; construction duration ~6-9 months \$200,000

**3. Design – Forbes (Contractor Bid & Construction) \$302,677**

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Fiscal Year 2022:	\$302,677
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This task is for the detailed design, including Geotechnical investigation and permitting, of project packages of segments identified in the Forbes project area. The Forbes project area includes more than 9,636 LF of pipe to be replaced. The first of these projects are forecast for construction in FY 23.

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**4. Design – Forbes (JEA Construction) \$500,000**  
Fiscal Year 2022: \$500,000

This task is for the detailed design, including MOT and permitting of pipe segments identified in the Forbes project area. The Forbes project area includes over 12,000LF of pipe to be replaced by JEA construction forces. Construction is forecast to start in FY 22.

**5. Design – Green St / Myra St \$81,000**  
Fiscal Year 2022: \$81,000

This task is for the detailed design and permitting of more than 1,520 LF of pipe identified on Green St and Myra St, which were recently added to the College project area scope. Construction is expected to be completed by JEA in FY 22.

**6. New Project Area Identification and Definition (including SUE) \$205,000**  
Fiscal Year 2022: \$140,000  
October 2022 – April 2023: \$65,000

The scope of this task is to continue to perform attribute based, data analysis, pipe material validation via SUE and mapping to determine optimum selection of galvanized pipe projects. The result of this effort will provide a specific list and scope of projects to be designed and constructed over the next 3-5 years. Identification and mapping of these projects relies on the use of the Galvanized Pipe GIS based portal for implementation. The fast-tracking of the identification and validation of projects, both contracted and in-house construction is critical to support the renewed level of effort by JEA construction forces. Once identified, the projects to be JEA constructed would be designed in parallel with the design in the Forbes Street Area. The design for JEA in-house projects be accelerated to create an adequate backlog. We also expect additional modifications to the Portal will be necessary to meet JEA's oversight and reporting needs.

**7. JEA Construct (New Countywide Projects) \$700,000**  
Fiscal Year 2022: \$400,000  
October 2022 – April 2023 \$300,000

a. Survey

This task is for field survey services of the selected project areas segments identified above in Task 6 in multiple, non-contiguous project areas to obtain ROW and topo information to support design activities.

- FY 22: \$250,000
- Oct 22 – Apr 23: \$200,000

b. Design

This task is for the detailed design and permitting of over of pipe segments identified in Task 6 above in multiple, non-contiguous project areas. These projects will support JEA construction crews with construction forecast to start as designs are completed and begin in FY 23.

- FY 22: \$150,000
- Oct 22 – Apr 23: \$100,000

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<b>8. <u>As-Built Support of JEA Construct Projects</u></b>	<b>\$198,000</b>
Fiscal Year 2022:	\$125,000
October 2022 – April 2023:	\$73,000

This task provides support services to JEA staff to create as-built drawings of JEA constructed pipeline projects. The design and permitting work for the projects was performed by ETM staff. It is anticipated that more than 20,000 LF of projects will require as-built support.

**Total Estimate of all Proposed Tasks through April 2023: \$2,830,957**

**Revised Not-to-Exceed Amount through April 2023: \$6,130,957**

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**Proposed JSEB Utilization through April 2023**

Based on the current program plan, ETM proposes to meet the 10% JSEB Contract Goal by engaging subcontractors on various tasks as detailed below. ETM will continue to explore opportunities for JSEB participation beyond this proposal as scopes of work for each task are more clearly defined.

**Item 2: College/Forbes Packages CEI **\$284,280****

FY 22	College Package H	C&ES	\$84,280
FY 22	College Package K	C&ES	\$125,000 (estimated; proposal pending)
FY 22	College Package L	C&ES	\$75,000 (estimated; proposal pending)

**Item 3: Design – Forbes (Contractor Bid & Construction) **\$302,677****

FY 22	Packages A, B, C	Four Waters Engineering	\$302,677
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**Item 7: Included in JEA Construct (New Countywide Projects) **\$58,500****

FY 22	Design – MOT	Peters & Yaffee	\$36,900 (estimated; proposal pending)
FY 23	Design – MOT	Peters & Yaffee	\$21,600 (estimated; proposal pending)

<b>Proposed Not-to-Exceed Amount through April 2023</b>	<b>\$6,130,957</b>
<b>10% JSEB Participation Goal</b>	<b>\$613,095</b>
<b>Total Proposed JSEB Spend through April 2023</b>	<b>\$645,457</b>
<b>Proposed JSEB Participation</b>	<b>10.53%</b>



## Formal Bid and Award System

Award #5 December 16, 2021

**Type of Award Request:** RENEWAL  
**Requestor Name:** Kramer, Christopher P - Mgr Pollution Prevention Programs  
**Requestor Phone:** (904) 665-8188  
**Project Title:** Residential Backflow Preventer Testing Services for JEA  
**Project Number:** HW10002  
**Project Location:** JEA  
**Funds:** O&M  
**Budget Estimate:** \$640,000.00 (Budget Line 56) \$50,000.00 (Budget Line Budget Line 64)  
**Scope of Work:**

The intent of this program is to setup a contract for JEA customer residential irrigation and residential reclaimed customer backflow prevention testing services to protect the quality and reliability of the community water resource by increasing customer compliance with state and local cross connection control standards. Each JEA residential irrigation and residential reclaimed customer is required to have a backflow preventer installed and to have it tested once every two years. Under the program, worklists of approximately 5,000 customer sites will be generated each calendar quarter by JEA and customer sites will be concentrated geographically within each worklist. The company selected to participate in the program will receive an electronic list of customer sites to be tested. The same electronic worklist form will be used by the Company to record and electronically return/report test results to JEA Cross Connection Control each calendar quarter.

Work areas and scope shall include, but not be limited to, the following:

- Entering JEA Customers' private property;
- Working on equipment that belongs to JEA irrigation and reclaimed service customers;
- Backflow testing by certified backflow testers;
- Providing technical, administrative, supervisory personnel as required to submit timely, complete test reports;
- Reporting as defined in JEA's Specifications;
- Timely and appropriate responsiveness to JEA and customer inquiries;
- Immediate customer notification of any backflow preventer deficiencies noted while on-site;
- Placing JEA-provided door hanger with information regarding a full vendor list for repairs at JEA.com

**JEA IFB/RFP/State/City/GSA#:** 128-19  
**Purchasing Agent:** Kruck, Dan  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
BOB'S BACKFLOW, INC.	Matt Gardner	matt@bobsbackflow.com	4640 Subchaser Ct. Jacksonville, FL 32244	(904)268-8009	\$690,000.00

**Amount of Original Award:** \$1,380,000.00

**Date of Original Award:** 10/24/2019  
**Contract Increase Amount:** \$690,000.00  
**New Not-To-Exceed Amount:** \$2,070,000.00  
**Length of Contract/PO Term:** Two (2) Years + One (1) - One (1) or Two (2) Yr. Renewal  
**Begin Date:** 02/01/2020  
**End Date:** 01/31/2023  
**Renewal Options:** None Remaining  
**JSEB Requirement:** N/A - Optional

**Comments on JSEB Requirements:**

JSEB participation was solicited as an optional goal in this Solicitation. No JSEB participation was proposed by any participant.

**Background/Recommendations:**

Competitively bid and approved by the Awards Committee on 10/24/2019. A copy of the original award is attached for reference.

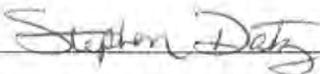
This request is for a one (1) year renewal from 02/01/2022 to 01/31/2023 to the existing contract with Bob's Backflow to provide customer backflow prevention testing services. All rates remain the same as the original award. This renewal includes approximately 16,000 residential irrigation and 7,000 residential reclaimed JEA customer sites. The renewal amount of \$690,000.00 was determined based on the estimated 23,000 total tests at a \$30.00 rate for each test and will be a pass-through cost to the JEA customer on their JEA bill.

As awarded, JEA will pay Bob's Backflow for each test as completed. For this renewal, Bob's Backflow also maintains its competitive customer repair, install, and replacement rates in which Bob's Backflow can offer to JEA customers these additional services to address any issues found during the prevention testing at the customer's option. JEA's customers reserve the option to use any other certified company for both testing services and repair and replacement services. JEA is executing the one year renewal while the program is studied to see if it will continue. If JEA decides to continue this program, the services will be re-bid at the end of this renewal term.

Request approval to award a one (1) year renewal to Bob's Backflow, Inc. for backflow prevention testing services in the amount of \$690,000.00, for a new not-to-exceed amount of \$2,070,00.00, subject to the availability of lawfully appropriated funds.

**Manager:** Kramer, Christopher P. - Mgr Pollution Prevention Programs  
**Director:** Dae, Michael S. - Dir Regulatory Permitting Programs & Compliance  
**VP:** Young, Orrin Wayne. - VP Environmental Services

**APPROVALS:**

 12/16/21

**Chairman, Awards Committee**

**Date**

 12/20/21

**Budget Representative**

**Date**



## Formal Bid and Award System

Award #2 October 24, 2019

**Type of Award Request:** INVITATION TO NEGOTIATE (ITN)  
**Request #:** 6668  
**Requestor Name:** Mckee, William Dave- Pollution Prevention Programs Coordinator  
**Requestor Phone:** (904) 665-4336  
**Project Title:** Residential Backflow Preventer Testing Services for JEA  
**Project Number:** HW 10002  
**Project Location:** JEA  
**Funds:** O&M  
**Budget Estimate:** \$1,440,000.00 (FY20-\$640,000, FY21-\$640,000, FY22-\$160,000)

### Scope of Work:

The intent of this program is to setup a contract for JEA customer residential irrigation and residential reclaimed customer backflow prevention testing services to protect the quality and reliability of the community water resource by increasing customer compliance with state and local cross connection control standards. Each JEA residential irrigation and residential reclaimed customer is required to have a backflow preventer installed and to have it tested once every two years. Under the program, worklists of approximately 5,000 customer sites will be generated each calendar quarter by JEA and customer sites will be concentrated geographically within each worklist. The company selected to participate in the program will receive an electronic list of customer sites to be tested. The same electronic worklist form will be used by the Company to record and electronically return/report test results to JEA Cross Connection Control each calendar quarter.

Work areas and scope shall include, but not be limited to, the following:

- Entering JEA Customers' private property; and
- Working on equipment that belongs to JEA irrigation and reclaimed service customers; and
- Backflow testing by certified backflow testers; and
- Providing technical, administrative, supervisory personnel as required to submit timely, complete test reports; and
- Reporting as defined in JEA's Specifications.
- Timely and appropriate responsiveness to JEA and customer inquiries; and
- Immediate customer notification of any backflow preventer deficiencies noted while on-site.
- Placing JEA provided Door Hanger with information regarding a full vendor list for repairs at JEA.com.

This project impacts the following JEA measures of value:

**Environmental** - Department Environmental Protection (DEP) regulations mandate protection of drinking water

**Customer Value** - JEA's customers enjoy discounted rates on the backflow prevention testing contained in this award.

**Financial Value** - JEA's customers will received a lower contractual negotiated backflow testing rate and lower customer rates for any needed backflow repair or replacements.

**JEA IFB/RFP/State/City/GSA#:** 128-19  
**Purchasing Agent:** Dambrose, Nickolas C.  
**Is this a Ratification?:** NO

**RECOMMENDED AWARDEE(S):**

Name	Contact Name	Email	Address	Phone	Amount
BOB'S BACKFLOW, INC.	Matt Gardner	matt@bobsbackflow.com	4640 Subchaser Ct. Jacksonville, FL 32244	(904)268-8009	\$1,380,000.00

<b>Amount for entire term of Contract/PO:</b>	\$1,380,000.00
<b>Award Amount for remainder of this FY:</b>	\$690,000.00
<b>Length of Contract/PO Term:</b>	Two (2) Years + One (1) - One (1) or Two (2) Yr. Renewal
<b>Begin Date (mm/dd/yyyy):</b>	02/01/2020
<b>End Date (mm/dd/yyyy):</b>	01/31/2022
<b>Renewal Options:</b>	YES - One (1) - One (1) or Two (2) Yr. Renewal
<b>JSEB Requirement:</b>	Optional
<b>Comments on JSEB Requirements:</b>	JSEB participation was solicited as an optional goal in this Solicitation. No JSEB participation was proposed by any participant.

**RESPONDENTS:**

Name	First Round	BAFO	Rank	Additional Negotiations
BOB'S BACKFLOW	\$34.00	\$34.00	1	\$30.00
AEGIS	\$40.00	\$40.00	2	N/A
AARON'S	\$44.00	\$44.00	3	N/A
ADVANCED CONNECTIONS	\$40.00	\$40.00	4	N/A
TOUCHTON	\$45.00	N/A	5	N/A

**Background/Recommendations:**

Advertised ITN on 08/09/2019. Six (6) prime contractors attended the mandatory pre-Response meeting held on 08/19/2019. At response opening on 09/10/2019, JEA received five (5) Responses. In addition to price, the supplier Responses were also evaluated on the volume capability of backflow prevention tests, customer repair, installation and replacement customer rates, and the suppliers' Design Approach and Workplan. Aegis, Aaron's, Bob's, and Advanced Connections were short-listed and invited to submit Best and Final Offers (BAFO) for evaluation. JEA originally intended to award up to three (3) contracts, as JEA currently has three separate vendor contracts, however upon completion of the Best and Final Offer (BAFO), rather than awarding multiple contracts it was determined that a one (1) contract to Bob's Backflow is in the best interest of JEA. A copy of the BAFO Response Form and Workbook and additional negotiated pricing documents are attached as backup.

The recommended awardee, Bob's Backflow, is a certified backflow testing Company which will systematically complete compliance testing of backflow preventers at approximately 32,000 residential irrigation and 14,000 residential reclaimed JEA customer sites. The award amount of \$1,380,000.00 was determined based on the estimated 46,000 total tests at a \$30.00 rate for each test and will be a pass through cost to the JEA customer on their JEA bill. JEA will then pay Bob's Backflow for each test as completed. Bob's Backflow also submitted competitive customer repair, install, and replacement rates in which Bob's Backflow can offer to JEA customers these additional services to address any issues found during the prevention testing at the customer option. JEA's customer reserve the option to use any other certified company for both testing services and repair and replacement services.

Bob's Backflow backflow prevention test rate of \$30.00 per test is less than the current \$35.00 rate per test being charged to JEA's customers and is less than the \$34.20 current average rate charged to JEA based on the existing different three (3) vendor contract rates, for a total cost difference of \$193,200.00 to JEA over 46,000 tests and two (2) years. JEA used additional negotiations following the BAFO in offering one (1) contract to Bob's Backflow to secure the rate reduction from \$34.00 to \$30.00 per test which accounted for \$184,000.00 of the \$193,200.00 cost difference. Also Bob's Backflow BAFO improved their original optional JEA customer repair and replacement rates by \$22,000.00, or twenty percent (20%).

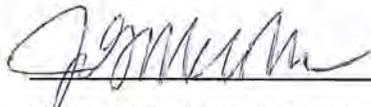
Procurement tracks two different types of savings. The total cost difference is comparing the current pricing with the proposed pricing (+/-). The total sourcing savings is determined by negotiations, BAFO savings and value added savings. Below is the result for this award:

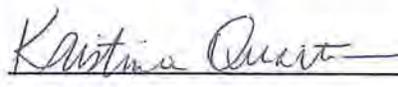
\* Total cost difference: \$193,200.00

128-19 – Request approval to award a contract to Bob's Backflow for the completion of Backflow Prevention Testing Services for a total not-to-exceed amount of \$1,380,000.00, subject to the availability of lawfully appropriated funds.

**Manager:** Pippin, Brian C. - Mgr Strategic Customer Solutions  
**Director:** Nichols, Vicki D. - Dir Customer Solutions & Market Development  
**VP:** Stewart, Kerri - VP & Chief Customer Officer

**APPROVALS:**

  
\_\_\_\_\_  
**Chairman, Awards Committee**                      **Date**                      10/24/19

  
\_\_\_\_\_  
**Manager, Operating Budgets**                      **Date**                      10/24/19



JEA Solicitation #128-19 Residential Backflow Prevention Testing Services  
Appendix B - Response Workbook (BAFO)

**1) JEA Customer Rates**

Bob's Backflow and Plumbing Services, Inc

Provider shall submit quantity and pricing to provide the Backflow Prevention testing requirements provided in this Solicitation. All bid prices shall include all parts, labor, travel, tools and materials to provide the requirements to any residential address within JEA's service territory. No additional fees shall apply.

**Description of Services**

**1.1 JEA Customer Rates - Backflow Prevention Testing Services**

JEA has provided lines for rates for repair and replacement services for evaluation. JEA will not pay for repair and replacement services, however, JEA will evaluate Company rates provided. These rates shall be the same rates charged to the JEA customer when work is performed, during the term of the contract. JEA may publish the rates provided by the Company to the Customers and request Customers provide feedback on service and rates charged. Companies are required to provide the customer installed cost for each of the repair, installation, and replacement listed in this section. JEA Customer Rates shall include all equipment, labor and fees associated with the job and shall be representative of quotations extended to customers. JEA Customer Rates listed in this section will be made available to customers. JEA will compare actual costs during the contract period with the Company provided Estimated Fixed Cost to assure validity of the published estimates. These estimates should cover the full cost of the basic job described. It is understood that some jobs require extra material and/or labor, and costs may vary. Should JEA find significant variance between Estimated and Actual costs without cause, JEA may elect to terminate the Contract for convenience.

Wherever costs are published the following statement shall also be presented: "These cost estimates were presented by the Companies in September 2019. These costs are provided as a reference to assist you in choosing a vendor. These are not price quotations. You must contact vendors to obtain the current price for the work requested. These estimates represent the basic cost. Actual costs may vary, depending on the specific repair, installation or replacement required."

Item No	Job Description - Pressure Vacuum Breaker (PVB)	Minor Repair	Initial Installation	Replacement	Subtotal
1.1.1	Febco 765 - 3/4"	\$ 110.00	\$ 338.00	\$ 245.50	
1.1.2	Febco 765 - 1"	\$ 112.00	\$ 352.00	\$ 259.50	
1.1.3	Wilkins 720A - 3/4"	\$ 130.00	\$ 322.00	\$ 229.50	
1.1.4	Wilkins 720A - 1"	\$ 130.00	\$ 333.00	\$ 240.50	
	Multiplier	25	10	10	\$ 35,350.00
Item No	Job Description - Double Check Valve (DC)	Replace 2 CVs	Initial Installation	Replacement	Subtotal
1.1.5	Watts 007 - 3/4"	\$ 105.00	\$ 521.00	\$ 345.00	
1.1.6	Watts 007 - 1"	\$ 105.00	\$ 521.00	\$ 345.00	
1.1.7	Wilkins 950 - 3/4"	\$ 118.00	\$ 541.00	\$ 345.00	
1.1.8	Wilkins 950 - 1"	\$ 118.00	\$ 541.00	\$ 345.00	
	Multiplier	40	5	5	\$ 35,560.00
Item No	Job Description - Reduced Pressure (RP)	Replace 2 CVs	Initial Installation	Replacement	Subtotal
1.1.9	Watts 009 - 3/4"	\$ 105.00	\$ 566.00	\$ 411.50	
1.1.10	Watts 009 - 1"	\$ 105.00	\$ 566.00	\$ 422.50	
1.1.11	Wilkins 975 - 3/4"	\$ 118.00	\$ 566.00	\$ 411.50	
1.1.12	Wilkins 975 - 1"	\$ 118.00	\$ 566.00	\$ 422.50	
	Multiplier	20	2	2	\$ 16,784.00
1.1.13	<b>JEA Customer Rates - Backflow Prevention Testing Services</b>				<b>\$ 87,594.00</b>

**2) JEA Rates and Volume**

Provider shall submit quantity and pricing to provide the Backflow Prevention testing requirements provided in this Solicitation. All bid prices shall include all parts, labor, tools, travel and materials to provide the requirements to any residential address with JEA's service territory. No additional fees shall apply.

**Description of Services**

**1.1 Volume Evaluation - Irrigation Backflow Prevention Testing Services**

JEA will evaluate the volume of Backflow Prevention Tests (BPTs) that Respondent will commit to performing annually. The higher volumes will receive more points.

Item No	Description	Quantity	Total Two (2) Year Quantity
1.1.1	<b>Volume Evaluation - Irrigation Backflow Prevention Testing Services</b> Company shall provide the minimum number of backflow preventer tests their Company will perform annually (Companies that do not bid a minimum of 1,000 tests / year will be disqualified technically). Companies cannot bid more than 16,000 tests per year.	22000	44,000.00
1.1.2	<b>Volume Evaluation - Backflow Prevention Testing Services</b>		44,000.00

**Description of Services**

**1.2 JEA Quotation of Rates - Irrigation Backflow Prevention Testing Services**

JEA shall evaluate the volume of Backflow Prevention Tests (BPTs) submitted in the previous section multiplied by the Rates submitted below to determine the JEA Quotation of Rates.

Item No	Description	Rates
1.2.1	<b>JEA Quotation of Rates - Irrigation Backflow Prevention Testing Services</b> The pricing submitted below shall include wages, taxes, benefits, workers compensation, required personal safety equipment (PPE), mobilization and demobilization, and any other salary burdens for the workers' employment. This includes, but is not limited to, all applicable training, certifications, and approvals required to operate vehicles and/or equipment and to safely perform the Work in an environmentally responsible manner. Unit rates shall include profit and overhead. These rates will be applicable to the Respondent and all levels of the Respondent's Subcontractors.	\$ 30.00
1.2.2	<b>JEA Quotation of Rates - Backflow Prevention Testing Services</b>	
		\$ 30.00

\* This proposal is contingent on the follow-up clarifications that was sent on 10/9/19.

## **Dambrose, Nickolas C.**

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**From:** Matt Gardner <matt@bobsbackflow.com>  
**Sent:** Wednesday, October 9, 2019 6:15 AM  
**To:** Dambrose, Nickolas C.  
**Subject:** RE: JEA Solicitation #128-19 Residential Backflow Prevention Testing Services - Best and Final Offer (BAFO) Invitation

Sir,

You asked me yesterday about what would be needed for us to be the sole provider. After thinking about it, with a little help from JEA, I believe that we could complete all the residential irrigation and reclaimed backflow testing.

If JEA could give the customers 30 days to opt out and allow us 60 days to test, that would help. The problem isn't as much as the testing as it is the routing of the tests and then the paperwork of entering the information plus return trips. It takes several days to make the routes more efficient and maximize the amount of tests in a day. Also, to allow us to level the load of testing, it would be nice if we could split the reclaimed tests into 4 groups and have 6 months to complete the tests. This would allow us to have a constant level of testing and make manning the contract requirement easier.

If this could work, I feel that we could do the testing for \$30 a test.

Please let me know if you have any questions or concerns.

Thanks,  
Matt

*Matt Gardner*  
Bob's Backflow & Plumbing Services, Inc.  
4640 Subchaser Ct. Ste 113 | Jacksonville, FL 32244  
904-268-8009  
[matt@bobsbackflow.com](mailto:matt@bobsbackflow.com)



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**From:** Matt Gardner [mailto:matt@bobsbackflow.com]  
**Sent:** Friday, October 04, 2019 9:11 AM  
**To:** 'Dambrose, Nickolas C.'  
**Subject:** RE: JEA Solicitation #128-19 Residential Backflow Prevention Testing Services - Best and Final Offer (BAFO) Invitation

Nickolas,

Attached are the 2 documents that you requested. Please let me know if you need anything else and we appreciate this opportunity.



## Formal Bid and Award System

Award #6 December 16, 2021

**Type of Award Request:** INVITATION FOR BID (IFB)  
**Request #:** 174  
**Requestor Name:** Strozzi, Michael K. - Manager, Technical Services  
**Requestor Phone:** (904) 665-5330  
**Project Title:** Cloud and On-premise Backup/Restore Licensing  
**Project Number:** HE30901  
**Project Location:** JEA  
**Funds:** O&M  
**Budget Estimate:** \$584,640.00 (FY22- \$194,880.00 (\$80,424 from BL01, \$114,456 from BL15 (budget transfer)))

### Scope of Work:

The purpose of this Invitation for Bid (IFB) is to provide AvePoint (DocAve) backup/restore for Cloud and On-premise software (2,800 users) used for Office 365 (and components) and SharePoint.

**JEA IFB/RFP/State/City/GSA#:** 1410502847  
**Purchasing Agent:** Dambrose, Nickolas C.  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
AVEPOINT, INC.	Samuel Costa	Samuel.costa@avepoint.com	901 East Byrd St. Suite 900 Richmond, VA 23219	(703) 883.9311	\$584,640.00

**Amount for entire term of Contract/PO:** \$584,640.00  
**Award Amount for remainder of this FY:** \$194,880.00  
**Length of Contract/PO Term:** Three (3) Years w/Two (2) 1 Yr. Renewals  
**Begin Date (mm/dd/yyyy):** 11/24/2021  
**End Date (mm/dd/yyyy):** 11/23/2024  
**Renewal Options:** Two (2) – 1 Yr. Renewals  
**JSEB Requirement:** N/A - JEA has reviewed the JSEB opportunities and none have been identified

### RESPONDENTS:

Name	Amount	Rank
AVEPOINT, INC.	\$584,640.00	1
SHI INTERNATIONAL CORP	\$674,194.00	2
PRESIDIO NETWORKED SOLUTIONS, LLC	\$684,348.00	3

### Background/Recommendations:

Advertised on 11/22/2021 to solicit more competition and align with budget. At bid opening on 12/07/2021, JEA received three (3) qualified bids. AvePoint was the lowest bidder and recommended awardee. A copy of AvePoint's pricing is attached as backup.

This award request from 11/24/2021 to 11/23/2024 is \$194,880.00 annually, for a total award amount of \$584,640.00. The new pricing has increased by \$156,390.00 (37%) due to a combined change in license type from on-premise to cloud and 450 additional cloud licenses. Without the additional 450 cloud licenses, JEA's total cost difference in existing user count and licensing is \$91,590.00 (21%) over three (3) years. JEA added 450 licenses which further increased the total award amount. See table below for details.

	Current			Proposed			Total Cost without Additional Licenses*
	\$\$ unit	Count	Total \$\$ (3 Year)	\$\$ unit	Count	Total \$\$ (3 Year)	
On Premise	\$ 78,125.00	3	\$ 234,375.00	\$ 80,640.00	3	\$ 241,920.00	\$ 241,920.00
Cloud	\$ 2.50	2350	\$ 193,875.00	\$ 4.00	2800 <b>2350*</b>	\$ 342,720.00	\$ <b>277,920.00</b>
<b>Total</b>			\$ <b>428,250.00</b>			\$ <b>584,640.00</b>	\$ <b>519,840.00</b>
<b>Pricing Increase (Current - Proposed)</b>			<b>(\$156,390.00) (37%)</b>				

**Total Cost without Additional Licenses\* (2350 users) (\$91,590.00) (21%)**

\* Total Cost without Additional Licenses results in the same 2350 user count and change in licensing price

Over the course of the last year, AvePoint has provided the ability to perform granular file restorations of our on-premise SharePoint environment, in addition to the ability of restoring an entire site. JEA is now in the process of transitioning to a hybrid SharePoint environment, necessitating the need to have both on-premise and cloud backup/restore capabilities (separate licensing required). The AvePoint cloud tool was initially licensed via a capital project but shifted to O&M funding. To provide the best opportunity for savings, the on-premise and cloud licensing were bundled and negotiated for a three (3) year term. From a functional perspective, the AvePoint Cloud backup/restore offers more functionality. Not only does it provide granular restoration for SharePoint (like the on-premise tool) but also provides granular backup/restoration capabilities for the entire tenant including O365, OneDrive, along with SharePoint. This solution provides a key capability required to support these cloud platforms, ensuring restoration capabilities are in place should they be needed.

JEA agreed to a three-year agreement to receive a higher discount than renewing each year and saves \$29,120.00 per year or \$87,360.00 total sourcing savings.

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

- Total cost difference: (\$91,590.00)
- Total sourcing savings: \$87,360.00

There is a \$114,456.00 shortage of funding for this award request. Necessary funding will be transferred from BL15 each year to cover this award. After FY22, JEA shall adjust the budget for future expenditure to avoid budget shortages.

Request approval to award a three (3) year contract to AvePoint, Inc. to continue using JEA's existing backup/restore for Cloud and On-premise software in the amount of \$584,640.00, subject to the approval of lawfully appropriated funds.

**VP:** Datz, Stephen H. - VP Technical Services  
**Chief:** Krol, Bradley D. - Chief Information Officer

**APPROVALS:**

Stephen Deby 12/16/21  
Chairman, Awards Committee                      Date

Laure A Whitmer 12/20/21  
Budget Representative                                      Date

Lot Name : Quotation of RatesRespondent shall provide a firm-fixed price quote for all Work in this Solicitation. The		AvePoint	
Primary Currency : USD		Samuel.Costa @avepoint.co	
Item Information	ITEM NO	1	
	ITEM NAME	AOS_O365_CBU_SD_RENEW_01	
	ITEM DESCRIPTION	AvePoint Cloud Backup for Office 365 protects an unlimited amount of content in Office 365 Groups, Teams and more with the most complete, automatic service protection with flexible, granular restore. Subscription per user per year which includes Premier Level Support & unlimited retention for the length of your contract.	
Demand Information	Price Type	Bulk	
	Estimated Quantity	1	
	Quantity	2800	
	UOM	EA	
Pricing Information	Unit Costs in USD	Enter Unit Cost Desc.	40.80 \$
Total Cost		USD: {(Enter Unit Cost	\$ 114,240.00
Item Information	ITEM NO	2	
	ITEM NAME	AOS_O365_CBU_SD_RENEW_01	
	ITEM DESCRIPTION	AvePoint Cloud Backup for Office 365 protects an unlimited amount of content in Office 365 Groups, Teams and more with the most complete, automatic service protection with flexible, granular restore. Subscription per user per year which includes Premier Level Support & unlimited retention for the length of your contract.	
Demand Information	Price Type	Bulk	
	Estimated Quantity	1	
	Quantity	2800	
	UOM	EA	
Pricing Information	Unit Costs in USD	Enter Unit Cost Desc.	40.80 \$
Total Cost		USD: {(Enter Unit Cost	\$ 114,240.00
Item Information	ITEM NO	3	
	ITEM NAME	AOS_O365_CBU_SD_RENEW_01	
	ITEM DESCRIPTION	AvePoint Cloud Backup for Office 365 protects an unlimited amount of content in Office 365 Groups, Teams and more with the most complete, automatic service protection with flexible, granular restore. Subscription per user per year which includes Premier Level Support & unlimited retention for the length of your contract.	
Demand Information	Price Type	Bulk	
	Estimated Quantity	1	
	Quantity	2800	
	UOM	EA	
Pricing Information	Unit Costs in USD	Enter Unit Cost Desc.	40.80 \$
Total Cost		USD: {(Enter Unit Cost	\$ 114,240.00
Item Information	ITEM NO	4	
	ITEM NAME	AVE_DA_ALL_HYB_RENEW_EPGS_02	
	ITEM DESCRIPTION	Subscription to all DocAve platform products, except DocAve Migrator. For onpremises deployments including hybrid management support where available. Subscription per user per year and includes Premier level support.	
Demand Information	Price Type	Bulk	
	Estimated Quantity	1	
	Quantity	2800	
	UOM	EA	
Pricing Information	Unit Costs in USD	Enter Unit Cost Desc.	28.80 \$
Total Cost		USD: {(Enter Unit Cost	\$ 80,640.00
Item Information	ITEM NO	5	
	ITEM NAME	AVE_DA_ALL_HYB_RENEW_EPGS_02	
	ITEM DESCRIPTION	Subscription to all DocAve platform products, except DocAve Migrator. For onpremises deployments including hybrid management support where available. Subscription per user per year and includes Premier level support.	
Demand Information	Price Type	Bulk	
	Estimated Quantity	1	
	Quantity	2800	
	UOM	EA	
Pricing Information	Unit Costs in USD	Enter Unit Cost Desc.	28.80 \$
Total Cost		USD: {(Enter Unit Cost	\$ 80,640.00
Item Information	ITEM NO	6	
	ITEM NAME	AVE_DA_ALL_HYB_RENEW_EPGS_02	
	ITEM DESCRIPTION	Subscription to all DocAve platform products, except DocAve Migrator. For onpremises deployments including hybrid management support where available. Subscription per user per year and includes Premier level support.	
Demand Information	Price Type	Bulk	
	Estimated Quantity	1	
	Quantity	2800	
	UOM	EA	
Pricing Information	Unit Costs in USD	Enter Unit Cost Desc.	28.80 \$
Total Cost		USD: {(Enter Unit Cost	\$ 80,640.00
Lot Total		in USD	584,640.00 \$



AvePoint, Inc.  
 Riverfront Plaza, West Tower  
 901 East Byrd Street, Suite 900  
 Richmond, VA 23219

Phone # 703.883.9311  
 Fax # 201. 217.8709  
 Tax ID: 22-3830697

## Sales Quote

QUOTE PREPARED FOR: (the "Customer")	
<b>Company</b>	JEA
<b>Name</b>	Robert Kinney
<b>Email</b>	<a href="mailto:kinnrn@jea.com">kinnrn@jea.com</a>
<b>Contract For</b>	Cloud Backup Standard for M365 DocAve Complete for SP2013 2800 users
<b>Contract Term</b>	11/24/2021 – 11/24/2024

<b>Quote #:</b>	QUO-111192-P7L8T8
<b>Date:</b>	7/26/2021
<b>Valid Until:</b>	12/31/2021

### SALES REPRESENTATIVE:

<b>Name</b>	Samuel Costa
<b>Phone</b>	N/A
<b>Email</b>	<a href="mailto:Samuel.Costa@avepoint.com">Samuel.Costa@avepoint.com</a>

Subscription Renewal						
Existing Product	Product Code	Description	Term (Months)	Unit	Price Per Unit	Total Amount
Cloud Backup Standard for M365 Renewal	AOS_O365_CBU_SD_RENEW_01	AvePoint Cloud Backup for Office 365 protects an unlimited amount of content in Office 365 Groups, Teams and more with the most complete, automatic service protection with flexible, granular restore. Subscription per user per year which includes Premier Level Support & unlimited retention for the length of your contract.	12	2,800	\$4.00	\$134,400.00
Cloud Backup Standard for M365 Renewal	AOS_O365_CBU_SD_RENEW_01	AvePoint Cloud Backup for Office 365 protects an unlimited amount of content in Office 365 Groups, Teams and more with the most complete, automatic service protection with flexible, granular restore. Subscription per user per year which includes Premier Level Support & unlimited retention for the length of your contract.	12	2,800	\$4.00	\$134,400.00
Cloud Backup Standard for M365 Renewal	AOS_O365_CBU_SD_RENEW_01	AvePoint Cloud Backup for Office 365 protects an unlimited amount of content in Office 365 Groups, Teams and more with	12	2,800	\$4.00	\$134,400.00

		the most complete, automatic service protection with flexible, granular restore. Subscription per user per year which includes Premier Level Support & unlimited retention for the length of your contract.				
AvePoint DocAve Complete for SharePoint and Office 365 Renewal	AVE_DA_ALL_HYB_RENEW_EPGS_02	Subscription to all DocAve platform products, except DocAve Migrator. For on-premises deployments including hybrid management support where available. Subscription per user per year and includes Premier level support.	12	2,800	\$32.00	\$89,600.00
AvePoint DocAve Complete for SharePoint and Office 365 Renewal	AVE_DA_ALL_HYB_RENEW_EPGS_02	Subscription to all DocAve platform products, except DocAve Migrator. For on-premises deployments including hybrid management support where available. Subscription per user per year and includes Premier level support.	12	2,800	\$32.00	\$89,600.00
AvePoint DocAve Complete for SharePoint and Office 365 Renewal	AVE_DA_ALL_HYB_RENEW_EPGS_02	Subscription to all DocAve platform products, except DocAve Migrator. For on-premises deployments including hybrid management support where available. Subscription per user per year and includes Premier level support.	12	2,800	\$32.00	\$89,600.00
Discount for Cloud Subscription Renewal	DSC_GEN_AOS_RENEW	Discount for Termed/leased/subscription renewal licenses. Valid only for multiyear contract.	12	1	(\$20,160.00)	(\$20,160.00)
Discount for Cloud Subscription Renewal	DSC_GEN_AOS_RENEW	Discount for Termed/leased/subscription renewal licenses. Valid only for multiyear contract.	12	1	(\$20,160.00)	(\$20,160.00)
Discount for Cloud Subscription Renewal	DSC_GEN_AOS_RENEW	Discount for Termed/leased/subscription renewal licenses. Valid only for multiyear contract.	12	1	(\$20,160.00)	(\$20,160.00)
Discount for Subscription Renewal	DCS_T_GEN_RENEW	Discount for Termed/leased/subscription renewal licenses. Valid only for multiyear contract.	12	1	(\$8,960.00)	(\$8,960.00)



Discount for Subscription Renewal	DCS_T_GEN_RENEW	Discount for Termed/leased/subscription renewal licenses. Valid only for multiyear contract.	12	1	(\$8,960.00)	(\$8,960.00)
Discount for Subscription Renewal	DCS_T_GEN_RENEW	Discount for Termed/leased/subscription renewal licenses. Valid only for multiyear contract.	12	1	(\$8,960.00)	(\$8,960.00)
<b>YEAR 1 – AMOUNT DUE IN 2021</b>						<b>\$194,880.00</b>
<b>YEAR 2 – AMOUNT DUE IN 2022</b>						<b>\$194,880.00</b>
<b>YEAR 3 – AMOUNT DUE IN 2023</b>						<b>\$194,880.00</b>
GRAND TOTAL USD (Excludes any and all applicable taxes)						<b>\$584,640.00</b>

\*All prices stated are net prices excluding VAT, VAT (if required) will be charged in addition to the invoice value.

**TO PLACE AN ORDER:**

Please e-mail or fax this signed Sales Quote directly to your sales representative as per his/her contact information above and reference the appropriate quote number.

Please check one of the following options:

Please invoice me (No Purchase Order). Send invoice to:

Contact Name: \_\_\_\_\_

Email: \_\_\_\_\_ Phone #: \_\_\_\_\_

Please invoice me. Purchase Order No. \_\_\_\_\_.

(Attach Purchase Order with the signed Sales Quote. Please note that a missing PO may delay delivery of the AvePoint products, support or services contained in this Sales Quote.)

In the event Customer and the AvePoint entity issuing this Sales Quote (“AvePoint”) have executed in writing a Master Agreement, Partner Agreement, Statement of Work or similar framework or individual agreement governing the purchase and use of the products, support or services listed in this Sales Quote (“Governing Agreement”), such Governing Agreement shall exclusively apply to the agreed extent.

To the extent that no Governing Agreement applies, all software products and support purchased hereunder are offered only under the terms of the AvePoint Master Software License and Support Agreement; and all professional services purchased hereunder are offered only under the terms of the AvePoint Service Addendum as published at <http://www.avepoint.com/license/license.html> and <http://www.avepoint.com/license/servicesaddendum.html> as amended by AvePoint from time to time.

Under no circumstances will Customer's terms (e.g. as contained or referenced in a purchase order) modify the existing terms or provide additional terms or conditions.

All software shall be made available to Customer electronically. Wire transfer and payment by check are acceptable forms of payment. Further, Visa or MasterCard are accepted for amounts of up to USD \$25,000. The price quoted above applies only to direct purchases from AvePoint and is only valid through the date specified herein.

The undersigned, on behalf of the Customer, hereby agrees that the Customer will be bound by all terms and conditions herein and will pay the quoted amount for the purchase of the listed items in accordance with the terms of this Sales Quote.

FOR AND ON BEHALF OF:      JEA

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



## Formal Bid and Award System

Award #7 December 16, 2021

**Type of Award Request:** CONTRACT INCREASE  
**Requestor Name:** Sencer, Justin B - Mgr W/WW Reuse Delivery & Collection Engineering  
**Requestor Phone:** 904-665-6826  
**Project Title:** Cured-In-Place Pipe (CIPP) Unit Price Construction  
**Project Number:** 175-S  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$957,877.00

### Scope of Work:

W/WW Reuse Delivery & Collection has contracted Insituform to line a number of large diameter sewer mains in response to a series of trunk main failures and at locations identified by the large diameter pipe program. The pipe length and bypass effort for these mains is larger in scale than the 8" sewer mains that are typically lined for W/WW Reuse Delivery & Collection.

**JEA IFB/RFP/State/City/GSA#:** 084-20  
**CPA #:** 194523  
**Purchasing Agent:** Kruck, Daniel  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
INSITUFORM TECHNOLOGIES, LLC	Diane Partridge	dpartridge@aegion.com	17988 Edison Ave, Chesterfield, MO 63005	(636) 530-8000	\$957,877.00

**Amount of Original Award:** \$1,500,000.00  
**Date of Original Award:** 12/17/2020  
**Change Order Amount:** \$957,877.00  
**New Not-To-Exceed Amount:** \$2,457,877.00  
**Length of Contract/PO Term:** Three (3) Years w/Two (2) – 1 Yr. Renewals  
**Begin Date:** 12/15/2020  
**End Date:** 12/14/2023  
**Renewal Options:** Two (2) – 1 Yr. Renewals  
**JSEB Requirement:** N/A - Optional

### Background/Recommendations:

Originally approved by Awards Committee on 12/17/2020 in the amount of \$1,500,000.00 to Insituform Technologies, LLC. A copy of the original award is attached as backup.

This request is to increase the contract with Insituform Technologies for CIPP services. Insituform Technologies, LLC has been performing well, and JEA needs to increase the funds available to complete several projects that have been identified through inspections completed since this contract was first awarded. Recent line failures have also occurred that need to be repaired as soon as possible. A list of the locations of the increased work is shown below.

1. Sussex Ave.: Ortega Forest Dr. to Water Oak Ln.
2. 15th St.: Palafox St. to McMillan St.
3. McCoy's Creek: McCoy Creek PS to East of Chambliss St.
4. Woodmere Dr. Trunk Main

The budget for the increase is coming from the Sewer Collection System R&R capital line item, and no budget increase is needed. The unit prices from the original bid will be used for these added projects.

Request approval to increase the contract with Insituform Technologies, LLC for Cured-In-Place Pipe (CIPP) Unit Price Construction in the amount of \$957,877.00, for a new, not-to-exceed amount of \$2,457,877.00, subject to the availability of lawfully appropriated funds.

**Director:** Scheel, Jackie B. - Dir W/WW Reuse Delivery & Collection  
**VP:** Vu, Hai X. - VP Water Wastewater Systems

**APPROVALS:**

<i>Stephen Doty</i>	<i>12/16/21</i>
<b>Chairman, Awards Committee</b>	<b>Date</b>
<i>Laure A Whitmer</i>	<i>12/20/21</i>
<b>Budget Representative</b>	<b>Date</b>



## Formal Bid and Award System

Award #6 December 17, 2020

**Type of Award Request:** BID (IFB)  
**Request #:** 6872  
**Requestor Name:** Chascin, Kenneth J. - Mgr W/WW Reuse Delivery&Coll Maint Plan&Eng  
**Requestor Phone:** (904) 665-6185  
**Project Title:** Cured-In-Place Pipe (CIPP) Unit Price Construction  
**Project Number:** 8005814  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$1,500,000.00

### Scope of Work:

The scope includes, but is not limited to, providing Cured-In-Place Pipe (CIPP) services for rehabilitation of sewer pipe in Jacksonville, Florida. The majority of the work will be in Duval county, however, may include some adjacent county work as well. The work specified provides for the reconstruction of pipelines and conduits by the installation of a resin-impregnated flexible tube that is tightly formed to the original conduit. The resin is cured using either hot water under hydrostatic pressure or steam pressure within the tube.

**JEA IFB/RFP/State/City/GSA#:** 084-20

**Purchasing Agent:** Kruck, Dan R.

**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
INSITUFORM TECHNOLOGIES, LLC	Diane Partridge	dpartridge@aegion.com	17988 Edison Ave, Chesterfield, MO 63005	(636) 530- 8000	\$1,500,000.00

**Amount for entire term of Contract/PO:** \$1,500,000.00

**Award Amount for remainder of this FY:** \$375,000.00

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

**Begin Date:** 12/15/2020

**End Date:** 12/14/2023

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

**JSEB Requirement:** Optional – N/A

### BIDDERS:

Name	Amount
INSITUFORM TECHNOLOGIES, LLC	\$1,342,244.55
IPR SOUTHEAST, LLC	\$1,506,693.00
HINTERLAND GROUP INC.	\$1,786,510.00

VORTEX SERVICES, LLC	\$2,397,875.01
GULF COAST UNDERGROUND, LLC	\$2,582,301.60

**Background/Recommendations:**

Advertised on 09/20/2020. Seven (7) prime contractors attended the mandatory pre-bid meeting held on 09/30/2020. At Bid opening on 10/20/2020, JEA received five (5) Bids. Insituform Technologies, LLC is the lowest responsive and responsible Bidder. A copy of the Bid Form and Workbook are attached as backup.

The award amount of \$1,500,000.00 is the budgeted amount for CIPP services for the contract term. The unit prices in the Bid Workbook will be used as the basis to issue task orders for CIPP work as future projects occur. The recommended awardee’s unit prices are approximately 25% lower than the current contract prices that were bid in 2015. This represents a savings of \$428,495.00 over the current contract pricing.

The fiscal year spend is below:

- FY21: \$375,000.00
- FY22: \$500,000.00
- FY23: \$500,000.00
- FY24: \$125,000.00

084-20 – Request approval to award a contract to Insituform Technologies, LLC for construction services for Cured-In-Place Pipe (CIPP) Unit Price Construction projects in the amount of \$1,500,000.00, subject to the availability of lawfully appropriated funds.

**Director:** Scheel, Jackie B. - Dir W/WW Reuse Delivery & Collection

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

**APPROVALS:**

 12/17/2020

**Chairman, Awards Committee** **Date**

 12/17/2020

**Budget Representative** **Date**

Appendix B - Bid Form  
084-20 Cured-In-Place Pipe (CIPP) Unit Price Construction

Submit the Bid electronically as described in section 1.1.3 of the Solicitation.

Company Name: Insituform Technologies, LLC

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

License Number: CGC1510306

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

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

<b>SAMPLE REQUIREMENTS</b> <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	<b>SECTION 255.05, FLORIDA STATUTES CONTRACT BOND</b> <input type="checkbox"/> None required <input checked="" type="checkbox"/> Bond required 100% of Bid Award
---	--

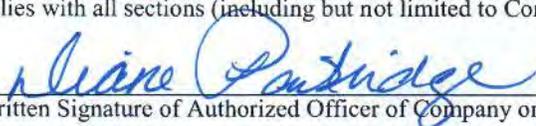
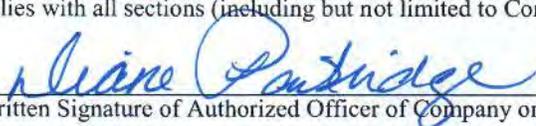
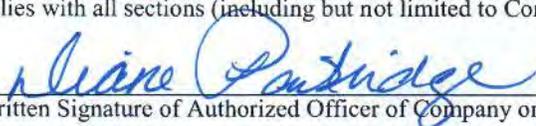
<b>QUANTITIES</b> <input type="checkbox"/> Quantities indicated are exacting <input checked="" type="checkbox"/> Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.	<b>INSURANCE REQUIREMENTS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

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

<b>ENTER YOUR BID FOR SOLICITATION 084-20</b>	<b>TOTAL BID PRICE</b>
<b>Total Bid Price for the Project</b> (enter total from cell H35 in the Bid Workbook)	<b>\$ 1,342,244.55</b>

**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  <u>1</u> through <u>1</u>	<table style="width:100%"> <tr> <td style="text-align:center">             Handwritten Signature of Authorized Officer of Company or Agent         </td> <td style="text-align:right"> <u>10/20/2020</u>            Date         </td> </tr> <tr> <td colspan="2" style="text-align:center"> <u>Diane Partridge, Contracting and Attesting Officer</u>            Printed Name and Title         </td> </tr> </table>	 Handwritten Signature of Authorized Officer of Company or Agent	<u>10/20/2020</u> Date	<u>Diane Partridge, Contracting and Attesting Officer</u> Printed Name and Title	
 Handwritten Signature of Authorized Officer of Company or Agent	<u>10/20/2020</u> Date				
<u>Diane Partridge, Contracting and Attesting Officer</u> Printed Name and Title					

**Appendix B - Bid Workbook**  
**084-20 Cured-In-Place Pipe (CIPP) Unit Price Construction**  
Only Complete the Prices in Yellow Cells

Company Name		Insituform Technologies, LLC					
Item	JEA WATER AND WASTEWATER STANDARDS MANUAL	SC	Description	UOM	Estimated # of Units	Unit Price	Extended Price
1	961.1		Furnish and install 8" CIPP lining, 6.0 mm thick	LF	7500	\$ 26.00	\$ 195,000.00
2	961.1		Furnish and install 10" CIPP lining 6.0 mm thick	LF	4500	\$ 28.00	\$ 126,000.00
3	961.1		Furnish and install 12" CIPP lining, 6.0 mm thick	LF	2500	\$ 29.00	\$ 72,500.00
4	961.1		Furnish and install 15" CIPP lining, 7.5 mm thick	LF	500	\$ 42.00	\$ 21,000.00
5	961.1		Furnish and install 16" CIPP lining, 7.5 mm thick	LF	500	\$ 43.00	\$ 21,500.00
6	961.1		Furnish and install 18" CIPP lining, 9.0 mm thick	LF	500	\$ 44.00	\$ 22,000.00
7	961.2		Furnish and install 20" CIPP lining, 9.0 mm thick	LF	500	\$ 53.00	\$ 26,500.00
8	961.2		Furnish and install 21" CIPP lining, 9.0 mm thick	LF	500	\$ 53.00	\$ 26,500.00
9	961.2		Furnish and install 24" CIPP lining, 9.0 mm thick	LF	500	\$ 57.00	\$ 28,500.00
10	961.2		Furnish and install 30" CIPP lining, 12.0 mm thick	LF	500	\$ 83.00	\$ 41,500.00
11	961.2		Furnish and install 36" CIPP lining, 13.5 mm thick	LF	500	\$ 114.00	\$ 57,000.00
12	961.2		Furnish and install 42" CIPP lining, 13.5 mm thick	LF	500	\$ 120.00	\$ 60,000.00
13	961.2		Furnish and install 48" CIPP lining, 15.0 mm thick	LF	500	\$ 165.00	\$ 82,500.00
14	961.2		Furnish and install 54" CIPP lining, 21.0 mm thick	LF	500	\$ 240.00	\$ 120,000.00
15	963.3		Reconnect existing services using robotic internal cutter	EA	270	\$ 250.00	\$ 67,500.00
16	963.4		Hammer Tap Removal	EA	25	\$ 225.00	\$ 5,625.00
17	965		Light Clean 8" – 21" Dia pipe	LF	17000	\$ 3.00	\$ 51,000.00
18	965		Light Clean 24" – 54" Dia pipe	LF	3000	\$ 5.90	\$ 17,700.00
19	965		CCTV and Light Clean 8" – 21" Dia pipe	LF	17000	\$ 4.10	\$ 69,700.00
20	965		CCTV and Light Clean 24" – 54" Dia pipe	LF	3000	\$ 10.60	\$ 31,800.00
21	965.1		Tuberculation Removal 8" – 12" Diameter	LF	200	\$ 19.10	\$ 3,820.00
22	965.1		Tuberculation Removal 14" – 18" Diameter	LF	200	\$ 23.30	\$ 4,660.00
23	965.1		Tuberculation Removal 20" – 24" Diameter	LF	200	\$ 29.60	\$ 5,920.00
24	965.1		Tuberculation Removal 27" – 42" Diameter	LF	200	\$ 33.90	\$ 6,780.00
25	966		Bypass Pumping - 18"-21" pipe	LF	1000	\$ 9.50	\$ 9,500.00
26	966		Bypass Pumping - 24"-36" pipe	LF	500	\$ 31.50	\$ 15,750.00
27	966		Bypass Pumping - 42"-54" pipe	LF	500	\$ 67.40	\$ 33,700.00
28	2.15.1		Testing Allowance	LS	1	\$ 5,000.00	\$ 5,000.00
29	2.16.18		Supplemental Work Authorization (SWA)	LS	1	\$ 100,000.00	\$ 100,000.00
<b>Subtotal</b>							<b>\$ 1,328,955.00</b>
30	Special Conditions (Maximum of 10%)					<b>1%</b>	\$ 13,289.55
<b>Bid Total (Enter this amount on Page 1 of the Bid Form)</b>							<b>\$ 1,342,244.55</b>

**Supplemental Bid (not part of the Bid Total)**

Item	JEA WATER AND WASTEWATER STANDARDS MANUAL	SC	Description	UOM	Estimated # of Units	Unit Price	Extended Price
31	962		Adjust/Reset Manhole Frame and 32" Dia Cover, Up to One Foot	EA	1	\$ 1,774.50	\$ 1,774.50
32	962		Adjust/Reset Manhole Frame and 32" Dia Cover, (Item 23), Excess Over Foot	VF	1	\$ 354.90	\$ 354.90
33	963.1		Lateral Connection (DFW Flexible Saddle to PVC) @ 8" - 12" HDPE, (0' - 4' Deep)	EA	1	\$ 2,484.20	\$ 2,484.20
34	963.1		Lateral Connection (DFW Flexible Saddle to PVC) @ 8" - 12" HDPE, (4' - 8' Deep)	EA	1	\$ 3,548.90	\$ 3,548.90
35	963.1		Lateral Connection (DFW Flexible Saddle to PVC) @ 8" - 12" HDPE, (8' - 12' Deep)	EA	1	\$ 4,258.70	\$ 4,258.70
36	963.1		Lateral Connection (DFW Flexible Saddle to PVC) @ 8" - 12" HDPE, (12' - 16' Deep)	EA	1	\$ 8,872.30	\$ 8,872.30
37	963.2		Lateral Connection (DFW Flexible Saddle to HDPE) @ 8" - 12" HDPE, (0' - 4' Deep)	EA	1	\$ 2,484.20	\$ 2,484.20
38	963.2		Lateral Connection (DFW Flexible Saddle to HDPE) @ 8" - 12" HDPE, (4' - 8' Deep)	EA	1	\$ 3,548.90	\$ 3,548.90
39	963.2		Lateral Connection (DFW Flexible Saddle to HDPE) @ 8" - 12" HDPE, (8' - 12' Deep)	EA	1	\$ 4,258.70	\$ 4,258.70
40	963.2		Lateral Connection (DFW Flexible Saddle to HDPE) @ 8" - 12" HDPE, (12' - 16' Deep)	EA	1	\$ 4,850.20	\$ 4,850.20
41	408-9		A-3 Soil Backfill	CY	1	\$ 88.70	\$ 88.70
42	408-8		Flowable Fill	CY	1	\$ 218.90	\$ 218.90
43	427.1		Type "A" Manhole (0' - 4' Deep)	EA	1	\$ 5,323.40	\$ 5,323.40
44	427.1		Type "A" Manhole (4' - 6' Deep)	EA	1	\$ 6,269.80	\$ 6,269.80
45	427.1		Type "A" Manhole (6' - 8' Deep)	EA	1	\$ 6,743.00	\$ 6,743.00
46	427.1		Type "A" Manhole (8' - 10' Deep)	EA	1	\$ 7,689.30	\$ 7,689.30
47	427.1		Type "B" Manhole (0' - 4' Deep)	EA	1	\$ 5,441.70	\$ 5,441.70
48	427.1		Type "B" Manhole (4' - 6' Deep)	EA	1	\$ 6,388.10	\$ 6,388.10
49	427.1		Type "B" Manhole (6' - 8' Deep)	EA	1	\$ 6,861.30	\$ 6,861.30
50	427.1		Type "B" Manhole (8' - 10' Deep)	EA	1	\$ 7,807.60	\$ 7,807.60
51	427.4		Connection to Existing Manhole 6" Service Lateral	EA	1	\$ 1,183.00	\$ 1,183.00
52	428.1		Sewer Piping 6" - 12", PVC (0' - 4' Deep)	LF	1	\$ 142.00	\$ 142.00
53	428.1		Sewer Piping 6" - 12", PVC (4' - 8' Deep)	LF	1	\$ 153.80	\$ 153.80
54	428.1		Sewer Piping 6" - 12", PVC (8' - 12' Deep)	LF	1	\$ 165.60	\$ 165.60
55	428.1		Sewer Piping 6" - 12", PVC (12' - 16' Deep)	LF	1	\$ 177.40	\$ 177.40
56	428.1		Sewer Piping 14" - 18", PVC (0' - 4' Deep)	LF	1	\$ 153.80	\$ 153.80
57	428.1		Sewer Piping 14" - 18", PVC (4' - 8' Deep)	LF	1	\$ 165.60	\$ 165.60
58	428.1		Sewer Piping 14" - 18", PVC (8' - 12' Deep)	LF	1	\$ 177.40	\$ 177.40
59	428.1		Sewer Piping 14" - 18", PVC (12' - 16' Deep)	LF	1	\$ 189.30	\$ 189.30
60	428.2		Remove & Replace 6" - 12" PVC (0' - 4' Deep)	EA	1	\$ 4,495.30	\$ 4,495.30
61	428.2		Remove & Replace 6" - 12" PVC (4' - 8' Deep)	EA	1	\$ 6,151.50	\$ 6,151.50
62	428.2		Remove & Replace 6" - 12" PVC (8' - 12' Deep)	EA	1	\$ 6,861.30	\$ 6,861.30
63	428.2		Remove & Replace 6" - 12" PVC (12' - 16' Deep)	EA	1	\$ 7,807.60	\$ 7,807.60

64	428.2		Remove & Replace 14" – 18" PVC (0' - 4' Deep)	EA	1	\$ 4,495.30	\$ 4,495.30	
65	428.2		Remove & Replace 14" – 18" PVC (4' – 8' Deep)	EA	1	\$ 6,388.10	\$ 6,388.10	
66	428.2		Remove & Replace 14" – 18" PVC (8' – 12' Deep)	EA	1	\$ 6,979.60	\$ 6,979.60	
67	428.2		Remove & Replace 14" – 18" PVC (12' – 16' Deep)	EA	1	\$ 7,925.90	\$ 7,925.90	
68	428.4		Remove and Replace Lateral 6" PVC SDR35 Conforming to ASTM D3034-74 (0' – 4' Deep)	LF	1	\$ 76.90	\$ 76.90	
69	428.4		Remove and Replace Lateral 6" PVC SDR35 Conforming to ASTM D3034-74 (4' – 8' Deep)	LF	1	\$ 147.90	\$ 147.90	
70	428.4		Remove and Replace Lateral 6" PVC SDR35 Conforming to ASTM D3034-74 (8' – 12' Deep)	LF	1	\$ 236.60	\$ 236.60	
71	428.4		Remove and Replace Lateral 6" PVC SDR35 Conforming to ASTM D3034-74 (12' – 16' Deep)	LF	1	\$ 354.90	\$ 354.90	
72	441-5		Sodding	SY	1	\$ 9.50	\$ 9.50	
73	491-1		Remove and Replace Sidewalk (All Types & Thickness)	SY	1	\$ 97.60	\$ 97.60	
74	491-2		Remove and Replace Driveway (All Types & Thickness)	SY	1	\$ 101.10	\$ 101.10	
75	491-3		Remove and Replace Curb & Gutter (All Types & Thickness)	LF	1	\$ 49.70	\$ 49.70	
<b>Total</b>							<b>\$ 143,954.00</b>	



## Formal Bid and Award System

Award #8 December 16, 2021

**Type of Award Request:** CONTRACT INCREASE  
**Requestor Name:** Hawk, Thomas C.  
**Requestor Phone:** (904) 665-8829  
**Project Title:** Construction Management-at-Risk (CMAR) Services for the Greenland WRF  
**Project Number:** 8004313  
**Project Location:** JEA  
**Funds:** Capital  
**Design Estimate:** \$117,604,403.00 (construction only)

### Scope of Work:

JEA requests Proposals from interested and qualified Proposers to provide CMAR services during design and construction of the Greenland Water Reclamation Facility (WRF) project. The proposed greenfield water reclamation facility will primarily produce public-access quality reclaimed water in the proposed Greenland WRF service area. The increased demand for reclaimed water, used primarily for irrigation, is projected for the entire area south and east of the St. Johns River.

The initial contract scope of work will consist of the following: pre-construction phase services including design and constructability reviews, construction phase sequencing, coordination and maintenance of utility operations pre-planning, alternative evaluations, cost estimating and cost control (value engineering) services, project schedule development, and preparation and submission of an open-book Guaranteed Maximum Price (GMP) proposal for construction phase services.

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

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
THE HASKELL COMPANY	Paul T. McElroy	paul.mcelroy@haskell.com	111 Riverside Ave, Jacksonville, FL 32202	(904) 475-7631	\$108,505,039.00

**Amount of Original Award:** \$517,809.00  
**Date of Original Award:** 08/22/2019  
**Contract Increase Amount:** \$108,505,039.00

### List of Previous Change Orders/Amendments:

CPA #	Amount	Date	Reason
184612	\$51,780.01	10/12/2020	Fencing for gopher tortoise removal
184612	\$9,479,822.00	12/17/2020	Early work package for access road and site clearing

**New Not-To-Exceed Amount:** \$118,554,450.01

**Length of Contract/PO Term:** Project Completion  
**Begin Date:** 10/01/2019  
**End Date:** Project Completion (Expected: December 2024)  
**JSEB Requirement:** Optional

**Comments on JSEB Requirements:**

Original Award

N/A

Previous Change Orders/Amendments

N/A

This Contract Amendment

Holman Inc. (Fencing) – 0.048%

**Background/Recommendations:**

Originally bid and approved by Awards Committee on 08/22/2019 in the amount of \$517,809.00 to The Haskell Company for pre-construction services. A previous administrative change order was approved to install fencing to prevent gopher tortoises from returning to the construction site. A contract increase was approved by the Awards Committee on 12/17/2020 in the amount of \$9,479,822.00 for an early work package to construct an access road and site clearing. Copies of the previous awards are attached for reference.

Negotiations were successfully completed with The Haskell Company for a lump sum price of \$108,505,039.00 to construct the new Greenland WRF based on the 90% design documents. This is approximately 7.7% below the engineers estimate. A “true-up” price will be finalized once the 100% design documents are completed, and if needed, be brought before the Awards Committee. JEA changed the contract from a guaranteed maximum price (GMP) to a lump sum during negotiations for this contract increase. This change guarantees The Haskell Company the full amount for construction (less allowances) versus a “pay as you spend” system in a GMP format. This change realized a savings of \$2,960,512.00 from the originally submitted price proposal. An overview of the final pricing proposal is attached for reference. The total budget for this project including construction, engineering, and JEA costs is approximately \$148,300,307.00.

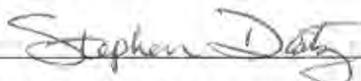
Request approval to award a contract increase to The Haskell Company for construction services for CMAR Services for the Greenland WRF project in the amount of \$108,505,039.00, for a new not-to-exceed amount of \$118,554,450.01, subject to the availability of lawfully appropriated funds.

**Manager:** Doherty, Peter F. - Mgr W/WW Project Management

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

**VP:** Hai, Vu X. – VP Water/Wastewater Systems

**APPROVALS:**

 12/16/21

**Chairman, Awards Committee** **Date**

 12/20/21

**Budget Representative** **Date**



## Formal Bid and Award System

Award #4 December 17, 2020

**Type of Award Request:** CONTRACT AMENDMENT  
**Requestor Name:** Hawk, Thomas C.  
**Requestor Phone:** (904) 665-8829  
**Project Title:** Construction Management-at-Risk (CMAR) Services for the Greenland WRF  
**Project Number:** 8004313  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$11,950,000.00

### Scope of Work:

JEA requests Proposals from interested and qualified Proposers to provide CMAR services during design and construction of the Greenland Water Reclamation Facility (WRF) project. The proposed greenfield water reclamation facility will primarily produce public-access quality reclaimed water in the proposed Greenland WRF service area. The increased demand for reclaimed water, used primarily for irrigation, is projected for the entire area south and east of the St. Johns River.

The initial contract scope of work will consist of pre-construction phase services including design and constructability reviews, construction phase sequencing, coordination and maintenance of utility operations pre-planning, alternatives evaluations, cost estimating and cost control (value engineering) services, project schedule development, and preparation and submission of an open-book Guaranteed Maximum Price (GMP) proposal for construction phase services.

The contract shall be amended to include construction phase services following negotiation of a mutually acceptable GMP. The contract will be amended to include construction phase services in multiple phases. During the construction phase, the CMAR shall serve as the single point of responsibility for construction of the work in strict accordance with the contract documents.

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

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
THE HASKELL COMPANY	Paul McElroy	paul.mcelroy@haskell.com	111 Riverside Ave, Jacksonville, FL 32202	(904) 475- 7631	\$9,479,822.00

**Amount of Original Award:** \$517,809.00  
**Date of Original Award:** 08/22/2019  
**Change Order Amount:** \$9,479,822.00  
**FY21 Spend of this Change Order:** \$9,479,822.00

**List of Previous Change Order/Amendments:**

CPA #	Amount	Date	Reason
184612	\$51,780.01	10/12/2020	Fencing for gopher tortoise removal

**New Not-To-Exceed Amount:** \$10,049,411.01  
**Length of Contract/PO Term:** Project Completion  
**Begin Date:** 10/01/2019  
**End Date:** Project Completion (Expected: December 2021)  
**JSEB Requirement:** Optional  
**Comments on JSEB Requirements:**

Original Award

N/A

This Amendment

N/A

**Background/Recommendations:**

Originally bid and approved by Awards Committee on 08/22/2019 in the amount of \$517,809.00 to The Haskell Company. A copy of the original award is attached as backup. A previous administrative change order was approved to install fencing to prevent gopher tortoises from returning to the construction site.

Negotiations were successfully completed with The Haskell Company for an early work package to build an access road, plant access piping and site clearance for the Greenland WRF project in the amount of \$9,479,822.00. This is an early GMP for the work listed above. Since this is a greenfield construction site an access road and site clearance is required before any other construction can commence. The GMP for this early work package is 20.67% below the estimate, and 18.34% below the initial GMP submission due to negotiations with the CMAR firm. The total savings from the initial GMP submission is \$2,128,929.00. JEA reduced site clearance scope slightly, however most of the savings came from negotiating the overhead and contingency of the CMAR. A copy of the early GMP quote is attached for reference. JEA may authorize additional early GMPs if long lead items are identified during the design process for the plant. Once design has reached the 90% stage, a final GMP for the main WRF will be brought before the Awards Committee for approval.

Request approval to award a contract increase to The Haskell Company, for construction services for CMAR Services for the Greenland WRF project in the amount of \$9,479,822.00 for a new not-to-exceed amount of \$10,049,411.01, subject to the availability of lawfully appropriated funds.

**Manager:** Collier, Bradley W. - Mgr W/WW Project Management

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

**GM:** Hai, Vu X. – Interim GM Water/Wastewater Systems

**APPROVALS:**


12/17/2020

**Chairman, Awards Committee** **Date**


12/17/2020

**Budget Representative** **Date**



## Formal Bid and Award System

Award #5 August 22, 2019

**Type of Award Request:** PROPOSAL (RFP)  
**Request #:** 6558  
**Requestor Name:** Hawk, Thomas C.  
**Requestor Phone:** (904) 665-8829  
**Project Title:** Construction Management at Risk (CMAR) Services for the Greenland WRF  
**Project Number:** 8004313  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$1,506,024.00 (Phase 1 Estimate)

**Scope of Work:**

JEA requests Proposals from interested and qualified Proposers to provide CMAR services during design and construction of the Greenland Water Reclamation Facility (WRF) project. The proposed greenfield water reclamation facility (WRF) will primarily produce public-access quality reclaimed water in the proposed Greenland WRF service area. The increased demand for reclaimed water, used primarily for irrigation, is projected for the entire area south and east of the St. Johns River.

The initial contract scope of work will consist of pre-construction phase services including design and constructability reviews, construction phase sequencing, coordination and maintenance of utility operations pre-planning, alternatives evaluations, cost estimating and cost control (value engineering) services, project schedule development, and preparation and submission of an open-book Guaranteed Maximum Price (GMP) proposal for construction phase services.

The contract shall be amended to include construction phase services following negotiation of a mutually acceptable GMP. The contract will be amended to include construction phase services in multiple phases. During the construction phase, the CMAR shall serve as the single point of responsibility for construction of the work in strict accordance with the contract documents.

This award positively impacts the following JEA Measures of Value:

- Customer Value: Improve customer's service by providing additional system capacity and a source for reclaimed water
- 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 reclaimed water reducing discharge into waterways, while meeting the most current resiliency requirements
- Financial Value: Will provide more reclaimed water for sale to customers

**JEA IFB/RFP/State/City/GSA#:** 079-19  
**Purchasing Agent:** Kruck, Daniel R.  
**Is this a Ratification?:** NO

**RECOMMENDED AWARDEE(S):**

Name	Contact Name	Email	Address	Phone	Amount
THE HASKELL COMPANY	Paul McElroy	paul.mcelroy@haskell.com	111 Riverside Ave, Jacksonville, FL 32202	(904) 475-7631	\$517,809.00

**Amount for entire term of Contract/PO:** \$517,809.00

**Award Amount for remainder of this FY:** \$0.00

**Length of Contract/PO Term:** Project Completion

**Begin Date (mm/dd/yyyy):** 10/01/2019

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

**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	\$517,809.00	1
GARNEY COMPANIES INC.	N/A	2
WHARTON-SMITH, INC.	N/A	3
BRASFIELD & GORRIE, LLC	N/A	4
CLARK CONSTRUCTION GROUP, LLC	N/A	5
PC CONSTRUCTION COMPANY	N/A	5
ULLIMAN SCHUTTE CONSTRUCTION LLC	N/A	7
MWH CONSTRUCTORS, INC.	N/A	8

**Background/Recommendations:**

Advertised on 05/24/2019. Ten (10) prime companies attended the mandatory pre-proposal meeting held on 05/30/2019. At proposal opening on 06/25/2019, JEA received eight (8) Proposals. The public evaluation meeting was held on 07/26/2019 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). These preconstruction costs are 0.55% of the estimated total construction costs and deemed reasonable (typically 0.5% - 3% of total construction costs). It is anticipated that there will be two (2) early out packages for this work before the final GMP, including the building of the access road and site clearing, and major equipment purchases. If negotiations for the final GMP are not successful, JEA reserves the right to not proceed with construction with this contractor. The contractor reviewed the 10% design estimate and deemed it was reasonable for this project.

The project details are below:

- Planning Project Budget (2017): \$75,000,000.00
  - Engineering Budget: \$9,036,145.00
  - Construction Budget: \$60,240,964.00
  - Internal JEA Costs: \$5,722,891.00
- Revised Project Budget (10% Design): \$114,043,696.00
  - Engineering Budget (Jacobs Engineering): \$14,520,805.00
  - Construction Budget: \$93,800,000.00
    - **Phase 1: \$517,809.00 (this award)**
    - Phase 2 : \$93,277,901.00
  - Internal JEA Costs: \$5,722,891.00
- Original Project Schedule:
  - Engineering Completion: September 2018
  - Construction Completion: March 2021
- Revised Schedule:
  - Engineering Completion: September 2020
  - Construction Completion: March 2023

Major Changes/Issues

Land acquisition delayed the negotiations with the engineering firm affecting the original project schedule. The engineering costs increased because the project definition did not consider the access roadway, system wide reclaimed management study, effluent management plan permitting and hydraulic influent study. The 10% design construction estimate increased from the planning budget by \$33,559,036.00 due to the inclusion of an industry standard 30% contingency which was left out of the initial planning budget. The original planning budget also did not include costs for an access road.

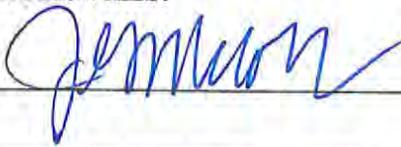
079-19 – Request approval to award a contract to The Haskell Company, for pre-construction services for the Greenland WRF project in the amount of \$517,809.00, subject to the availability of lawfully appropriated funds.

**Manager:** Collier, Bradley W. - Mgr Project Management

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

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

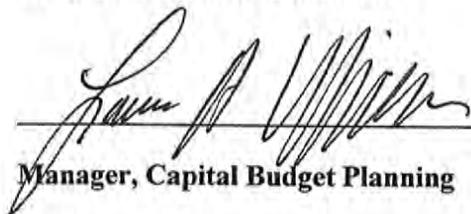
**APPROVALS:**

 8/22/19

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**Chairman, Awards Committee**

**Date**

 8/22/19

**Manager, Capital Budget Planning**

**Date**



**Paul McElroy**  
*Project Director - Water*

November 18, 2020

Re: Greenland Water Reclamation Facility  
Jacksonville, Florida - **Early Work**  
**Package Guaranteed Maximum Price**

Mr. Thomas C. Hawk, P.E.  
JEA  
Project Engineer  
21 West Church Street  
Jacksonville, Florida 32202

Dear Mr. Hawk;

Haskell is pleased to submit to JEA for your review and approval our firms Early Work Package Guaranteed Maximum Price for the Greenland Water Reclamation Facility. The general scope of work for this proposal is as described below:

1. Install and maintain erosion control systems for compliance.
2. Clear, grub, and stump limits of disturbance.
3. Strip organics dispose of unsuitable material and stockpiling of topsoil.
4. Temporary / Permanent Fencing.
5. Excavation of a stormwater ponds for use of select backfill materials to build roads, subgrade of structures, non-structural areas, pipe bedding, and subbase under structures.
6. Construction of permanent access road and temporary roadways for access to and around the wastewater building site.
7. Construction of stormwater systems.
8. Construction of permanent utility transmission piping parallel to roadway.
9. Construction of the electrical corridor to Facility #52.
10. Construction of temporary site utilization for office trailers, storage trailers, laydown yard, employee parking.
11. Construction of temporary power, potable water, and communication systems for office compound.
12. Construction of subgrade for process structures and building pads.
13. Partial backfill of all non-structural areas surrounding structural building pads.
14. Permanent Sod and seed on access road and stormwater ponds and temporary seeding for construction.
15. General Conditions and General Requirements for 9 months.

The Scope of Work for this proposal was developed utilizing the documents listed below:

1. JEA Contract #184612 executed on September 26, 2019.
2. JEA Greenland Water Reclamation Facility Early Works Package 90% Design Documents dated October 2020 which consisted of 87 pages from Jacobs Engineering Group.
3. JEA Greenland Water Reclamation Facility 90% Design Documents Volume 1 dated October 2020 which consisted of 298 pages of specifications from Jacobs Engineering Group.

4. CSI Geo Project No. 71-19-166-11 Geotech Report.
5. Haskell's Early Work Package Guaranteed Maximum Price Contract Manual dated June 12, 2020
6. Haskell's Addendum #1 dated June 8, 2020, Addendum #2 dated June 12, 2020, and Addendum #3 dated June 17, 2020.
7. Haskell Site Utilization Plan Revision 9

Haskell's Early Work Package Guaranteed Maximum Price includes the following attachments:

1. Scope Definition
2. Clarifications and Assumptions.
3. Estimate Summary
4. General Conditions
5. Subcontractor Bid Proposals.

Haskell's Early Work Package estimate summary is based upon the "Best Value Approach" taking into consideration the subcontractors safety record, quality of work, financial strength, work history of successfully completing work of similar size and scope, concurrent workload during this construction period, and successful work history between the Earthwork and Utility Contractors. The total costs are as follows:

1. Total Cost Early Work Package GMP (Including SIPS Piping) Phase 1A - \$7,024,951.00
2. Total Cost SWA - EWP Phase 1B - \$1,337,876.00
3. Total Owner Allowances - \$1,116,996.00
4. Total Cost for SIPS Piping included Early Work Package GMP - \$1,165,071.00
5. Total Cost estimated to be subcontracted to JSEB contractors - \$204,150.00
6. Total Contract Amendment - \$9,479,822.00
7. Potential Increase of \$450,000 Utilization of JSEBs - \$16,535.00

Haskell is thankful for this opportunity and is available at JEA's convenience to answer any questions they may have concerning this Early Work Package Guaranteed Maximum Price.

Sincerely,



Paul McElroy



Greenland Water Reclamation Facility  
Jacksonville, Florida

November 18, 2020

#### Early Work Package 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 includes cost for temporary utility connections for power-and water. Temporary utility usage of water and power is included as an owner allowance.
5. The Construction Manager excludes temporary and permanent utility connection and associated impact fees. Anticipated costs are included as an owner allowance.
6. The Construction Manager includes the cost for a Quality Control Coordinator part-time off-site position to develop the QA/QC Program and perform weekly on-site inspections to verify quality expectations are satisfied.
7. The Construction Manager includes the cost for a Safety Coordinator part-time, off-site position, to develop a Safety Program and perform weekly on-site inspections to verify safety expectations are satisfied.
8. The Construction Manager excludes the removal, hauling, disposal, and replacement of unsuitable soils not identified by the Geotechnical Survey. Any additional cost included as an owner allowance.
9. The Construction Manager excludes the removal and replacement of rock not identified by the Geotechnical Survey.
10. The Construction Manager excludes the removal, hauling, disposal, and abatement of any contaminated soils or groundwater.
11. The Construction Manager excludes the removal, hauling, disposal, and abatement hazardous materials and associated abatement.
12. The Construction Manager includes a Permit Fee Allowance in the amount of \$42,500.00.
13. The Construction Manager includes a Material Testing Allowance in the amount of \$75,000.00.
14. The Construction Manager includes a Survey and Baseline Allowance in the amount of \$40,000.00.
15. The Construction Manager has not included a Contingency in this Early Works Packages proposal. It is the Owner's representatives' position that identified risk items in the Early Works Package shall be borne entirely by JEA. Items contained in the Early Works Package Risk Register were developed jointly by JEA, Marsh

Wagner, and Haskell and funds shall be available to the Construction Manager and not be unreasonably withheld.

16. The Construction Manager includes the cost for 1EA. 12' x 44' office trailer for the CMAR, EOR, Owner, and Owner's Representative with amenities per Specification Section 01 50 00 Temporary Facilities and Controls to share until the office complex area on the WRF site established.
17. The Construction Manager has excluded any costs for the restoration of City or County Public roadways.
18. The Construction Manager excludes the cost for cathodic protection.
19. The Construction Manager excludes the cost for Gopher Tortoise relocation.
20. The Construction Manager includes the cost for 1,500LF of temporary orange snow fence for areas where permanent chain link fencing cannot be established until the civil work has progressed.
21. The Construction Manager excludes the cost to encase any yard piping or electrical duct bank that crosses under roadways.
22. The Construction Manager excludes the cost to install a temporary roadway to access the project. Haskell's goal is to utilize the existing Eastern haul road on the adjacent property to construct the access road and access the construction site.
23. The Construction Manager excludes all cost associated with the Effluent Management Area beyond the outfall structure.
24. The Construction Manager excluded the cost to import any select materials to meet subgrade relative density requirements. Haskell will utilize all excavated materials from Stormwater Borrow Pit #1 and #2 to establish subgrades for roads, structures, subbase for structures, non-structural areas, and pipe beddings. Any additional cost included as an owner allowance.
25. The Construction Manager excludes the 24" minimum compacted granular fill under structures as reflected on the structural drawings. Should the subgrade invert be of native soil, free from organics and unsuitable soils, and relative density can be achieved, no backfill will be required. Should the subgrade need to be backfilled, or undercut then backfilled, select materials excavated from the borrow pits will be utilized for the compacted fill under structures.
26. The Construction Manager included the cost for the access roadway asphalt paving roadway system which includes a 12" Limerock Subbase and a 1.25" asphalt binder coarse for the Early Work GMP. The Final Work GMP will include the remaining 1.25" Asphalt Finish Coarse for the access.
27. The Construction Manager includes the 2-year warranty as required by the executed contract.
28. The Construction Manager excludes all earthwork associated with preloading of Facilities #50.1, #50.2, #50.3, and Facility #54. Haskell requests the Engineer of Record and JEA to provide documentation that will allow the Construction Manager to proceed with post loading the tanks hydrostatically after construction as allowed by the geotechnical report.
29. The Construction Manager has not included stopping work on the access road for resurveying existing grades. It is Haskell's understanding that only the WRF site will be resurveyed.

30. The Construction Manager has assumed that the re-surveying of the existing grades at the WRF site, the calculation of remaining units to complete the EWP, and the issuance of the SWA Allowance to complete this scope of work will occur within 21 calendar days of the area being prepared.
31. The Construction Manager has included the erosion control as reflected in the contract documents that meets the JEA Greenland Water Reclamation Facility 90% Design Documents Volume 1 dated October 2020 technical specifications. Haskell has not included an erosion control sit fence that meets the GA DOT requirements nor included the Beltech 1935 silt fence product stated in the gopher tortoise permit.
32. The Construction Manager will furnish and install 30" Reclaimed Water piping as modified on October 23, 2020.
33. The Construction Manager will furnish and install 8" potable water piping as indicated on October 12, 2020.
34. The Construction Manager will use of DR-25 material for 20" RS piping.

**Greenland Water Reclamation Facility  
Jacksonville, Florida**

**Client:** JEA  
**Job Number:** 67041160301

**November 18, 2020**

**90% Early Work Package 1A & 1B Estimate (Summarized by Bid Package)**

BID CATEGORY	BID DESCRIPTION	COST
<b>Early Work Package 1A</b>		
Not Applicable	General Conditions / General Requirements	\$672,153
Bid Category #EWP-01 57 13	Erosion Control Add from Preconstruction CO	\$8,505
Bid Category #EWP-26	Electrical	\$414,100
Bid Category #EWP-31	Earthwork / Utilities (Storm Water Systems)	\$2,613,244
Bid Category #EWP-31 10	Site Clearing	In Bid Cat #EWP-31
Bid Category #EWP-32 11	Asphalt / Concrete Paving	In Bid Cat #EWP-31
Bid Category #EWP-32 31	Fencing	\$69,269
Bid Category #EWP-32 92	Grassing – Landscaping	In Bid Cat #EWP-31
Bid Category #EWP-33 02	Utilities (Transmission Piping)	\$2,481,539
<b>SUBTOTAL</b>		<b>\$6,258,810</b>
	Contingency	\$0
<b>SUBTOTAL</b>		<b>\$6,258,810</b>
	Payment & Performance Bond (Total EWP) (Base)	0.71% \$49,765
	Payment & Performance Bond (Total EWP) (2 YR Warranty)	0.11% \$7,903
	General Liability Insurance (Total EWP)	1.20% \$84,299
	Builders Risk Insurance (Total EWP)	1.05% \$73,832
<b>SUBTOTAL</b>		<b>\$6,474,609</b>
	Overhead and Profit	8.50% \$550,342
<b>TOTAL EARLY WORK PACKAGE</b>		<b>\$7,024,951</b>
	SWA - EWP 1B Scope	\$1,337,876
	Owner Allowance - Risk Register	\$1,116,996
<b>TOTAL CONTRACT AMENDMENT</b>		<b>\$9,479,822</b>
	SIPS Piping	\$946,001
	Owner Allowance SIPS - Risk Register	\$98,250
	11.57% for P&P Bond / BR / GL / Fee	\$120,820
<b>BREAKOUT - SIPS PIPING</b>		<b>\$1,165,071</b>

**Early Work Package 1B**

Not Applicable	General Conditions / General Requirements		\$0
Bid Category #EWP-01 57 13	Erosion Control	In Bid Cat #EWP-31	
Bid Category #EWP-26	Electrical		\$209,070
Bid Category #EWP-31	Earthwork / Utilities (Storm Water Systems)		\$819,350
Bid Category #EWP-31 10	Site Clearing		\$0
Bid Category #EWP-32 11	Asphalt / Concrete Paving		\$0
Bid Category #EWP-32 31	Fencing		\$163,546
Bid Category #EWP-32 92	Grassing – Landscaping	In Bid Cat #EWP-31	
Bid Category #EWP-33 02	Utilities (Transmission Piping)		\$0
<b>SUBTOTAL</b>			<b>\$1,191,966</b>
	Contingency		\$0
<b>SUBTOTAL</b>			<b>\$1,191,966</b>
	Payment & Performance Bond (Total EWP) (Base)	0.71%	\$9,478
	Payment & Performance Bond (Total EWP) (2 YR Warranty)	0.11%	\$1,505
	General Liability Insurance (Total EWP)	1.20%	\$16,055
	Builders Risk Insurance (Total EWP)	1.05%	\$14,061
<b>SUBTOTAL</b>			<b>\$1,233,065</b>
	Overhead & Profit	8.50%	\$104,811
<b>TOTAL SWA - EWP 1B SCOPE</b>			<b>\$1,337,876</b>

**Owner Allowances**

RR 2	EOR EWP Design Scope Creep		\$125,000
RR 3	Potential Permitting Delay Costs		\$89,250
RR 5	Permitting Costs		\$42,500
RR 6	Material Testing		\$75,000
RR 11	Differing Site Conditions		\$45,000
RR 12	Adverse Weather Conditions		\$12,500
RR 13	Severe Weather Conditions		\$50,000
RR 17	Adverse Groundwater Conditions		\$25,000
RR 18	Ductile Iron Piping Pricing Escalation		\$89,850
RR 19	PVC Piping Pricing Escalation		\$40,300
RR 20	Ductile Iron Piping Pricing Escalation (SIPS)		\$98,250
RR 21	Other Material Escalation		\$49,600
RR 21	TOPO Elevation Site Error		\$137,700
RR 22	Additional AHJ Erosion Control Requirements		\$18,725
RR 24	Site Survey		\$40,000
RR 29	Temporary Power Usage		\$5,000
RR 30	Temporary Water Usage		\$12,500
RR 31	Utility Connection and Impact Fees		\$40,000
<b>SUBTOTAL</b>			<b>\$996,175</b>
	Payment & Performance Bond (Total EWP) (Base)	0.71%	\$7,913
	Payment & Performance Bond (Total EWP) (2 YR Warranty)	0.11%	\$1,257
	General Liability Insurance (Total EWP)	1.20%	\$12,404
	Builders Risk Insurance (Total EWP)	1.05%	\$11,740
<b>SUBTOTAL</b>			<b>\$1,029,489</b>
	Overhead & Profit	8.50%	\$87,507
<b>TOTAL OWNER ALLOWANCES</b>			<b>\$1,116,996</b>



**Paul McElroy**  
*Project Director - Water*

December 9, 2021

Re: Greenland Water Reclamation Facility  
Jacksonville, Florida  
JEA Contract No. 179680  
90% Design Lump Sum Proposal

Mr. Thomas C. Hawk, P.E.  
JEA  
Project Engineer  
21 West Church Street  
Jacksonville, Florida 32202

Dear Mr. Hawk,

Haskell is pleased to submit to JEA for your review and comment our firms 90% Design Lump Sum Proposal for the Greenland Water Reclamation Facility. The Scope of Work for this proposal was developed utilizing the documents listed below:

1. JEA Contract #184612 executed on October 10, 2019
2. JEA Amendment 1 to Contract #184612 dated October 19, 2020
3. JEA Amendment 2 to Contract #184612 dated November 23, 2020
4. RE Holland / Axis Geotechnical Topographic Survey Report dated June 20, 2019
5. Geotechnical Exploration and Evaluation Report dated May 8, 2020
6. Geotechnical Exploration and Evaluation Report Revision 1 dated February 16, 2021
7. Greenland Water Reclamation Facility, Volume 1 of 4, Specifications dated September 2021
8. Greenland Water Reclamation Facility, Volume 2 of 4, Specifications dated September 2021
9. Greenland Water Reclamation Facility, Volume 3 of 4, Specifications dated September 2021
10. Greenland Water Reclamation Facility, Volume 4 of 4, Drawings Pages 1-295 dated September 2021
11. Greenland Water Reclamation Facility, Volume 4 of 4, Drawings Pages 296-674 dated September 2021

Haskell's 90% Design Lump Sum Proposal includes the following attachments:

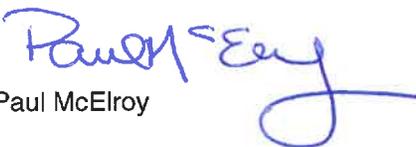
1. Clarifications and Assumptions

Haskell's 90% Design Lump Sum Proposal total cost is as follows:

1. Total Preconstruction Contract - \$517,809.00
2. Total Early Work under Contract - \$9,531,602.00
3. Total Final Work 90% Design Lump Sum Proposal - \$108,505,039.00
4. Total 90% Design Lump Sum Proposal - \$118,554,450.00

Haskell is thankful for this opportunity and is available at JEA's convenience to answer any questions they may have concerning this 90% Design Lump Sum Proposal.

Sincerely,

  
Paul McElroy



## Formal Bid and Award System

Award #9 December 16, 2021

**Type of Award Request:** CHANGE ORDER (COJ/JOINT PROJECT)  
**Requestor Name:** Barber, Michael R.  
**Requestor Phone:** 904-665-6754  
**Project Title:** Deerwood Park Blvd. Roadway and Bridge Improvements  
**Project Number:** 8006526  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** N/A

### Scope of Work:

The Deerwood Park Blvd. Roadway and Bridge Improvements project is a portion of the City of Jacksonville (COJ) project to add additional traffic lanes and replace the bridge along Deerwood Park Blvd. This project was bid by COJ on September 18, 2019 and JEA's portion of the work was included in that bid. The scope of work for the JEA portion is to install 150 linear feet (LF) of 36" ductile iron Water Main and relocate 200 LF of 16" PVC Force Main.

**JEA IFB/RFP/State/City/GSA#:** COJ CP-0635-19  
**Purchasing Agent:** King, David  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
CGC, INC.	Richard Gaskin, Jr.	office@cgccivil.com	7036 W 12th Street, Jacksonville, FL, 32220	(904) 783- 4119	\$21,908.75

**Amount of Original Award:** \$291,507.00  
**Date of Original Award:** 02/13/2020  
**Change Order Amount:** \$21,908.75

### List of Previous Increases

CPA	Amount	Date
N/A	\$7,000.00	01/29/2021

**New Not-To-Exceed Amount:** \$320,415.75  
**Length of Contract/PO Term:** Project Completion  
**Begin Date:** 04/08/2020  
**End Date:** Project Completion (estimated February 2022)  
**JSEB Requirement:** N/A

**Background/Recommendations:**

This is a Joint Project with the City of Jacksonville (COJ), as allowed by JEA Charter, Section 21.04. Originally bid by COJ on 09/18/2019. COJ Received four bids and CGC, Inc. was the low bidder with a total bid amount of \$2,961,565.42. The JEA portion of this project was \$291,507.00. CGC issued contract number 10449-04 for this project and it was executed on 02/13/2020.

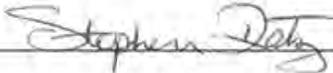
JEA issued a change order on 01/18/2021 in the amount of \$7,000.00 for a 6" Force Main relocation.

This increase is needed to account for bid item quantity increases, site demolition and restoration, discovery of a 6-inch sewage Force Main conflict, as well as additional sewage hauling. Where available, bid pricing was used to develop the pricing increases. For items that were not included in the original bid, JEA and the contractor negotiated the pricing. The JEA project group compared the negotiated pricing with past projects and deemed it reasonable.

Request approval to award a change order to CGC, Inc. for the Deerwood Park Blvd. Roadway and Bridge Improvements project in the amount of \$21,908.75, for a new, not-to-exceed amount of \$320,415.75, subject to the availability of lawfully appropriated funds.

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

**APPROVALS:**

	<u>12/16/21</u>
<b>Chairman, Awards Committee</b>	<b>Date</b>
	<u>12/20/21</u>
<b>Budget Representative</b>	<b>Date</b>

**CONTRACT  
BETWEEN  
THE CITY OF JACKSONVILLE  
AND  
CGC, INC.  
FOR**

10449-04

**DEERWOOD PARK BLVD. ROADWAY AND BRIDGE IMPROVEMENTS**

**THIS CONTRACT** for bridge and roadway improvements to Deerwood Park Boulevard (hereinafter the "Project") is executed as of this 13 day of Feb., 2020 (hereinafter the "Effective Date"), by and between the CITY OF JACKSONVILLE, FLORIDA, a municipal corporation in Duval County, Florida (hereinafter the "Owner" or the "City"), and CGC, INC., a Florida profit corporation with principal office at 7036 West 12<sup>th</sup> Street, Jacksonville, Florida 32220 (hereinafter the "Contractor").

**WITNESSETH**, that for the consideration and under the provisions hereinafter stated and referred to moving from each to the other of said parties respectively, it is mutually understood and agreed as follows:

1. That Contractor is the lowest responsive and responsible bidder for furnishing, not by way of limitation, all labor, materials, and equipment and performing all operations necessary for construction of additional traffic lanes and infrastructure along Deerwood Park Boulevard, including but not limited to roadway construction, bridge construction, concrete and asphalt removal, drainage removal, concrete pavement, drainage construction, curb and gutter, lighting construction, signalization construction, ITS construction, utility adjustments, utility construction, sodding, dewatering, maintenance of traffic, erosion control and pollution abatement, and all other related work, all in accordance with plans, drawings, and specifications hereinafter referred to and has been awarded this Contract for said work pursuant to award made November 21, 2019.

2. The Contractor will at its own cost and expense do the work required to be done and furnish the materials required to be furnished on said Project in accordance with plans and specifications prepared by Waitz & Moye for the Engineering & Construction Management Division of the Department of Public Works, Bid Number CP-0635-19, bid date September 18, 2019, designated as *Specifications for Deerwood Park Blvd. Roadway and Bridge Improvements*, and strictly in accordance with the advertisement calling for bids, plans, specifications, blueprints, addenda, requirements of the City of Jacksonville, proposal of the said Contractor, and award therefor (hereinafter collectively the "Contract Documents") now on file in the Office

of the Chief of the Procurement Division of the City of Jacksonville, all of which are by this reference specifically made a part hereof to the same extent as if fully set out herein, for a maximum indebtedness not-to-exceed TWO MILLION SIX HUNDRED SEVENTY THOUSAND SIXTY AND 42/100 USD (\$2,670,060.42), at and for the prices and on the terms contained in the Contract Documents.

3. On Contractor's faithful performance of this Contract, the Owner will pay the Contractor in accordance with the terms and on the conditions stated in the Contract Documents.

4. Contractor shall submit and record all payment and performance bonds in the Official Records of Duval County as required by Section 255.05, Florida Statutes.

5. Notwithstanding any provision to the contrary in this Contract or in the Contract Documents, the Owner has the absolute right to terminate this Contract without cause for convenience by giving the Contractor thirty (30) days' advance written notice of the date of termination. Such notice shall be delivered by Certified United States Mail, return receipt requested, or by any other delivery method with evidence of receipt to the Contractor's representative who signed this Contract at the address specified in the Contract Documents.

6. This Contract and all amendments hereto may be executed in several counterparts, each of which shall be deemed to be an original, and all of such counterparts together shall constitute one and the same instrument.

**[Remainder of page left blank intentionally. Signature page follows immediately.]**

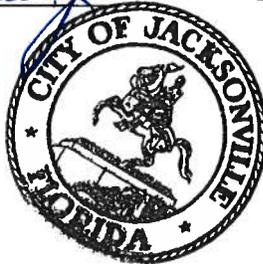
IN WITNESS WHEREOF, the parties hereto have duly executed this Contract in duplicate the day and year first above written.

ATTEST:

CITY OF JACKSONVILLE, FLORIDA

By James R. McCain, Jr.  
James R. McCain, Jr.  
Corporation Secretary

By Lenny Curry  
Lenny Curry, Mayor



OWNER

Brian Hughes  
Chief Administrative Officer  
For: Mayor Lenny Curry  
Under Authority of:  
Executive Order No: 2019-02

WITNESS:

CGC, INC.

Jonathan B. Barton  
Signature

Richard C. Gaskin, Jr.  
Signature

Jonathan B. Barton  
Type/Print Name

Richard C. Gaskin, Jr.  
Type/Print Name

Project Manager  
Title

President  
Title

CONTRACTOR



Encumbrance & funding information is found on the next page.

**ENCUMBRANCE & FUNDING INFORMATION:**

Account No.: PWSD114FAIR06505-PW0814-02  
Amount: \$221,614.38

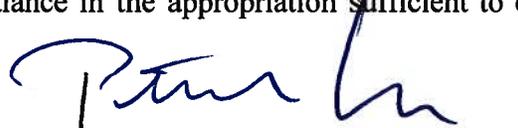
Account No.: PWCP143VP519-06505-PW0814-03  
Amount: \$1,908,971.19

Account No.: PWSD114FAIR-06505-PW0859-01  
Amount: \$500,000.00

Account No.: PWCP143VP519-06505-PW0859-01  
Amount: \$39,474.85

**TOTAL: \$2,670,060.42**

In accordance with Section 24.103(e), *Ordinance Code*, I do hereby certify that there is an unexpended, unencumbered, and unimpounded balance in the appropriation sufficient to cover the foregoing agreement.

  
\_\_\_\_\_  
Director of Finance  
City Contract No. 10449-0411

Form Approved

  
\_\_\_\_\_  
Assistant General Counsel

**THIS IS AN APPROVED FORM. DO NOT SUBSTITUTE OR REVISE.**

CONTRACT NUMBER 10449-04  
(Contract Number to be inserted by the City of Jacksonville)

PAYMENT BOND NUMBER 30090802

**REQUIRED BY SECTION 255.05, FLORIDA STATUTES**

As to the Contractor/Principal:

Name: CGC, Inc.

Principal Business Address: 7036 West 12<sup>th</sup> Street, Jacksonville, Florida 32220

Telephone: (904) 783-4119

As to the Surety:

Name: WESTERN SURETY COMPANY

Principal Business Address: 151 N. Franklin Street, Chicago, IL 60606

Telephone: (407) 804-5929

As to the Owner of the Property/Contracting Public Entity:

Name: The City of Jacksonville, Florida (c/o Public Works Department)

Principal Business Address: 214 North Hogan Street, 10<sup>th</sup> Floor, Jacksonville, Florida 32202

Telephone: (904) 255-8763

Description of project including address and description of improvements: furnishing, not by way of limitation, all labor, materials, and equipment and performing all operations necessary for construction of additional traffic lanes and infrastructure along Deerwood Park Boulevard, including but not limited to roadway construction, bridge construction, concrete and asphalt removal, drainage removal, concrete pavement, drainage construction, curb and gutter, lighting construction, signalization construction, ITS construction, utility adjustments, utility construction, sodding, dewatering, maintenance of traffic, erosion control and pollution abatement, and all other related work, all in accordance with plans, drawings, and specifications.

**THIS IS AN APPROVED FORM. DO NOT SUBSTITUTE OR REVISE.**

**CITY OF JACKSONVILLE, FLORIDA**

**PAYMENT BOND**

**REQUIRED BY SECTION 255.05, FLORIDA STATUTES**

**KNOW ALL MEN BY THESE PRESENTS**, that CGC, INC., as Principal (hereinafter the "Contractor"), and WESTERN SURETY COMPANY, a corporation organized and existing under the laws of the State of South Dakota and duly authorized to conduct and carry on a general surety business in the State of Florida, as Surety (hereinafter the "Surety"), are each held and firmly bonded unto the City of Jacksonville, a municipal corporation in Duval County, Florida, as Obligee (hereinafter the "City"), in the sum of TWO MILLION SIX HUNDRED SEVENTY THOUSAND SIXTY AND 42/100 USD (\$2,670,060.42), lawful money of the United States of America, for the payment whereof Contractor and Surety bind themselves, their respective heirs, executors, administrators, legal representatives, successors, and assigns, jointly and severally, firmly by these presents.

**WHEREAS**, the Principal made and entered into City Contract Number 10449-04 (to be inserted by the City) (the "Contract"), dated as of the 13 day of Feb., 2020, for furnishing, not by way of limitation, all labor, materials, and equipment and performing all operations necessary for construction of additional traffic lanes and infrastructure along Deerwood Park Boulevard, including but not limited to roadway construction, bridge construction, concrete and asphalt removal, drainage removal, concrete pavement, drainage construction, curb and gutter, lighting construction, signalization construction, ITS construction, utility adjustments, utility construction, sodding, dewatering, maintenance of traffic, erosion

control and pollution abatement, and all other related work in strict accordance with plans and specifications prepared by Waitz & Moye for the Engineering & Construction Management Division of the Department of Public Works, Bid Number CP-0635-19, bid date September 18, 2019, designated as *Specifications for Deerwood Park Blvd. Roadway and Bridge Improvements*, and any advertisement for bids for said work and the drawings, plans, and specifications for said work and requirements of the City request for bids and award therefor and of the Contract and all documents included as a part of the Contract, all of which are, by this reference, made a part hereof to the same extent as if fully set out herein.

**NOW, THEREFORE, THE CONDITIONS OF THIS BOND** are such that if the said Principal:

(1) Promptly makes payments to all claimants, as defined in Sections 255.05 and 713.01, Florida Statutes, supplying Principal with labor, materials, or equipment that are consumed or used directly or indirectly by Principal in connection with the prosecution of the work provided for in such Contract and including all insurance premiums on the work and any authorized extensions or modifications of such Contract; and

(2) Defends, indemnifies, and saves the City harmless from claims, demands, liens, or suits by any person or entity whose claim, demand, lien, or suit is for the payment of labor, materials, or equipment furnished for use in the performance of the Contract, provided the City has promptly notified the Principal and Surety of any claims, demands, liens, or suits and provided there is no failure by the City to pay the Principal as required by the Contract; and

(3) Pays the City all losses, damages, expenses, costs, and attorney's fees, including those incurred in appellate proceedings, that the City sustains because of the Principal's failure to promptly make payments to all claimants as provided above, then this Bond is void; otherwise, it

remains in full force and effect, both in equity and in law, in accordance with the statutes and the laws of the State of Florida and specifically Section 255.05, Florida Statutes.

**PROVIDED**, no suit or action for labor, materials, or equipment shall be instituted hereunder against the Principal or the Surety unless a claimant provides to each of them both of the proper notices in accordance with the requirements of Section 255.05(2)(a), Florida Statutes. Both notices must be given in order to institute such suit or action.

**PROVIDED FURTHER**, an action, except for an action exclusively for recovery of retainage, must be instituted against the Principal or Surety on this Payment Bond within one (1) year after the performance of the labor or completion of delivery of the materials or equipment in accordance with the requirements of Section 255.05(2)(a), Florida Statutes.

**PROVIDED FURTHER**, an action exclusively for the recovery of retainage must be instituted against the Principal or Surety within one (1) year after the performance of the labor or completion of delivery of the materials or equipment, or within ninety (90) days after the Principal's receipt of final payment (or the payment estimate containing the Owner's final reconciliation of quantities if no further payment is earned and due as a result of deductive adjustments) by the Principal or Surety, whichever comes last, in accordance with the requirements of Section 255.05(2)(a), Florida Statutes.

**PROVIDED FURTHER**, that the said Surety hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Contract or to the work to be performed thereunder or the specifications accompanying the same shall in any wise affect its obligation on this Bond, and it does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the Contract or to the work or to the specifications.

SIGNED AND SEALED this 13 day of Feb., 2020.

**WITNESS:**

[Signature]  
Signature

Jonathan B. Barton  
Type/Print Name

Project Manager/Witness  
Title

**CGC, INC.**

[Signature]  
Signature

Richard C. Gaskin, Jr  
Type/Print Name

President  
Title

**AS PRINCIPAL**

Signed, Sealed and Delivered  
in the Presence of:

[Signature]  
Teresa Blunk, Witness

[Signature]  
Janice Cox, Witness

WESTERN SURETY COMPANY

By: [Signature]  
Its Attorney-in-Fact & Florida Resident Agent

**AS SURETY**

Name of Agent: Tom S. Lobrano, IV

Address: 4168 Southpoint Pkwy, Suite 305, Jacksonville, FL  
32216

Form Approved:

[Signature]  
Office of General Counsel

**Note. Date of Bond Must Not Be Prior to Date of Contract**

# Western Surety Company

## POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

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

**Tom S Lobrano III, Tom S Lobrano IV, Mark C Fore, Geoffrey M Munn, Individually**

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

### - In Unlimited Amounts -

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

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

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 9th day of February, 2018.



WESTERN SURETY COMPANY

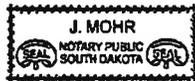
Paul T. Bruflat, Vice President

State of South Dakota }  
County of Minnehaha } ss

On this 9th day of February, 2018, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

June 23, 2021



J. Mohr, Notary Public

### CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 13 day of Feb, 2020



WESTERN SURETY COMPANY

L. Nelson, Assistant Secretary

**THIS IS AN APPROVED FORM. DO NOT SUBSTITUTE OR REVISE.**

CONTRACT NUMBER 10449-04  
(Contract Number to be inserted by the City of Jacksonville)

PERFORMANCE BOND NUMBER 30090802

**REQUIRED BY SECTION 255.05, FLORIDA STATUTES**

As to the Contractor/Principal:

Name: CGC, Inc.

Principal Business Address: 7036 West 12<sup>th</sup> Street, Jacksonville, Florida 32220

Telephone: (904) 783-4119

As to the Surety:

Name: WESTERN SURETY COMPANY

Principal Business Address: 151 N. Franklin Street, Chicago, IL 60606

Telephone: (407) 804-5929

As to the Owner of the Property/Contracting Public Entity:

Name: The City of Jacksonville, Florida (c/o Public Works Department)

Principal Business Address: 214 North Hogan Street, 10<sup>th</sup> Floor, Jacksonville, Florida 32202

Telephone: (904) 255-8763

Description of Project including address and description of improvements: furnishing, not by way of limitation, all labor, materials, and equipment and performing all operations necessary for construction of additional traffic lanes and infrastructure along Deerwood Park Boulevard, including but not limited to roadway construction, bridge construction, concrete and asphalt removal, drainage removal, concrete pavement, drainage construction, curb and gutter, lighting construction, signalization construction, ITS construction, utility adjustments, utility construction, sodding, dewatering, maintenance of traffic, erosion control and pollution abatement, and all other related work, all in accordance with plans, drawings, and specifications.

**THIS IS AN APPROVED FORM. DO NOT SUBSTITUTE OR REVISE.**

**CITY OF JACKSONVILLE, FLORIDA**

**PERFORMANCE BOND**

**REQUIRED BY SECTION 255.05, FLORIDA STATUTES**

**KNOW ALL MEN BY THESE PRESENTS**, that CGC, INC., as Principal (hereinafter the "Contractor"), and WESTERN SURETY COMPANY, a corporation organized and existing under the laws of the State of South Dakota and duly authorized to conduct and carry on a general surety business in the State of Florida, as Surety (hereinafter the "Surety"), are each held and firmly bonded unto the City of Jacksonville, a municipal corporation in Duval County, Florida, as Obligee (hereinafter the "City"), in the sum of TWO MILLION SIX HUNDRED SEVENTY THOUSAND SIXTY AND 42/100 USD (\$2,670,060.42), lawful money of the United States of America, for the payment whereof Contractor and Surety bind themselves, their respective heirs, executors, administrators, legal representatives, successors, and assigns, jointly and severally, firmly by these presents.

**WHEREAS**, the Principal made and entered into City Contract Number 10449-04 (to be inserted by the City) (the "Contract"), dated as of the 13 day of Feb., 2020, for furnishing, not by way of limitation, all labor, materials, and equipment and performing all operations necessary for construction of additional traffic lanes and infrastructure along Deerwood Park Boulevard, including but not limited to roadway construction, bridge construction, concrete and asphalt removal, drainage removal, concrete pavement, drainage construction, curb and gutter, lighting construction, signalization construction, ITS construction, utility adjustments, utility construction, sodding, dewatering, maintenance of traffic, erosion

control and pollution abatement, and all other related work in strict accordance with plans and specifications prepared by Waitz & Moye for the Engineering & Construction Management Division of the Department of Public Works, Bid Number CP-0635-19, bid date September 18, 2019, designated as *Specifications for Deerwood Park Blvd. Roadway and Bridge Improvements*, and any advertisement for bids for said work and the drawings, plans, and specifications for said work and requirements of the City request for bids and award therefor, and of the Contract and all documents included as a part of the Contract, all of which are, by this reference, made a part hereof to the same extent as if fully set out herein.

**NOW, THEREFORE, THE CONDITIONS OF THIS OBLIGATION** are such that, if Contractor shall: (1) promptly and faithfully perform the construction work and other work in the time and manner prescribed in said Contract, which is made a part of this Bond by reference, in strict compliance with the Contract requirements; (2) perform the guarantee and maintenance of all work and materials furnished under the Contract for the time specified in the Contract; and, (3) pay the City all losses, delay and disruption damages, and all other damages, expenses, costs, and statutory attorney's fees, including those incurred in appellate proceedings, that the City sustains because of a default by Contractor under the Contract, then this Bond shall be void; otherwise, it shall remain in full force and effect, both in equity and in law, in accordance with the laws and statutes of the State of Florida.

**PROVIDED**, that the Surety hereby waives notice of any alteration or extension of time made by the City, and any changes in or under the Contract and compliance or noncompliance with any formalities connected with the Contract or the changes does not affect Surety's obligation under this Bond.

**PROVIDED FURTHER**, that whenever Contractor shall be declared by the City to be in

default under the Contract, the City having performed the City's obligations thereunder, the Surety shall, at the City's sole option, take one (1) of the following actions:

- (1) Within a reasonable time, but in no event later than thirty (30) days after the City's written notice of termination for default, arrange for Contractor with the City's consent, which shall not be unreasonably withheld, to complete the Contract and the Surety shall pay the City all losses, delay and disruption damages, and all other damages, expenses, costs, and statutory attorney's fees, including those incurred in appellate proceedings, that the City sustains because of a default by the Contractor under the Contract; or
- (2) (A) Within a reasonable time, but in no event later than sixty (60) days after the City's written notice of termination for default, award a contract to a completion contractor and issue a notice to proceed. Surety shall obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon determination by Surety of the lowest responsible qualified bidder, award a contract; (B) alternatively, the City may elect to have the Surety determine jointly with the City the lowest responsible qualified bidder, to have the Surety arrange for a contract between such bidder and the City, and for the Surety to make available as Work progresses sufficient funds to pay the cost of completion less the balance of the Contract price (even though there should be a default or a succession of defaults under the contract or contracts of completion arranged under this paragraph). The term "balance of the Contract price" as used in this Bond shall mean the total amount payable by the City to Contractor under the Contract and any approved change orders thereto, less the amount properly paid

by the City to Contractor. (C) Either way, the Surety shall pay the City all remaining losses, delay and disruption damages, expenses, costs, and statutory attorney's fees, including those incurred in appellate proceedings, that the City sustains because of a default by Contractor under the Contract; or

- (3) Within a reasonable time, but in no event later than thirty (30) days after City's notice of termination for default, waive its right to complete or arrange for completion of the Contract and, within twenty-one (21) days thereafter, determine the amount for which it may be liable to the City and tender payment to the City of any amount necessary in order for the City to complete performance of the Contract in accordance with its terms and conditions less the balance of the Contract price, and shall also indemnify and save the City harmless on account of all claims and damages arising from the Contractor's default under the Contract, and pay the City for all losses, delay and disruption damages, and other damages, expenses, costs, and statutory attorney's fees, including those incurred in appellate proceedings, that the City sustains because of a default of the Contractor under the Contract.

**PROVIDED FURTHER**, the Surety shall indemnify and save the City harmless from any and all claims and damages arising from the Contractor's default under the Contract, including but not limited to contractual damages, expenses, costs, injury, negligent or intentional default, patent infringement, and actual damages (including delay and disruption damages) in accordance with the Contract, and including all other damages and assessments which may arise by virtue of failure of the product to perform or any defects in work or materials within a period of one (1) year from the date on which the Contractor receives from the City a certificate of final

completion under the Contract.

**PROVIDED FURTHER**, that during any interim period after the City has declared Contractor to be in default but Surety has not yet remedied the default in the manner acceptable to the City, Surety shall be responsible for securing and protecting the work site, including but not limited to the physical premises, structures, fixtures, materials, and equipment, and shall be responsible for securing and protecting materials and equipment stored off-site in accordance with the Contract.

**PROVIDED FURTHER**, no right of action shall accrue on this Bond to or for the use of any person or corporation other than the City named herein or the heirs, executors, administrators, or successors of the City.

**[Remainder of page left blank intentionally. Signature page follows immediately.]**

SIGNED AND SEALED this 13 day of Feb., 2020.

**WITNESS:**

[Signature]

Signature

Jonathan B. Barton

Type/Print Name

Project Manager/Witness

Title

**CGC, INC.**

[Signature]

Signature

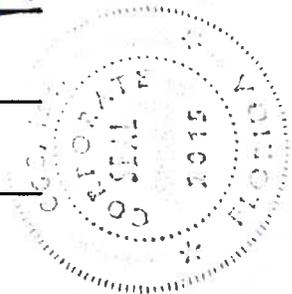
Richard C. Gaskin, Jr

Type/Print Name

President

Title

**AS PRINCIPAL**



Signed, Sealed and Delivered  
in the Presence of:

[Signature]

Teresa Blunk, Witness

[Signature]

Janice Cox, Witness

[Signature]

**WESTERN SURETY COMPANY**

By [Signature]  
its Attorney-in-Fact & Florida Resident Agent

**AS SURETY**

Name of Agent: Tom S. Lobrano, IV

Address: 4168 Southpoint Pkwy, Suite 305

Jacksonville, FL 32216



**Note. Date of Bond Must Not Be Prior to Date of Contract**

Form Approved:

[Signature]  
Office of General Counsel

# Western Surety Company

## POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

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

**Tom S Lobrano III, Tom S Lobrano IV, Mark C Fore, Geoffrey M Munn, Individually**

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

### - In Unlimited Amounts -

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

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

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 9th day of February, 2018.

WESTERN SURETY COMPANY



*Paul T. Bruflat*

Paul T. Bruflat, Vice President

State of South Dakota }  
County of Minnehaha } ss

On this 9th day of February, 2018, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

June 23, 2021



*J. Mohr*

J. Mohr, Notary Public

### CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 13 day of Feb, 2020.



WESTERN SURETY COMPANY

*L. Nelson*

L. Nelson, Assistant Secretary

SUBJECT: DEERWOOD PARK BLVD ROADWAY AND BRIDGE IMPROVEMENTS

BID #: CP-0635-19

OPEN DATE: 2019-09-18

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION PARTICIPATION

AGENCY: PUBLIC WORKS

200285

BASIS OF AWARD: TOTAL BASE BID (PART A+B+C+D+E), PLUS SELECTED ALTERNATES (IF ANY)-LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: (4) NUMBER RECEIVED: (4) OTHER (1)

City A+B  
JEA C,D,E

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

Recommend approval of award to CGC, Inc., as the lowest responsive, responsible bidder in the base bid amount of \$2,130,585.57 (Part A) and Part B for \$539,474.85. Part C in the amount of \$158,259.00; Part D- \$124,796.00; and Part E- \$8,450.00 will be awarded by JEA in a separate agreement. Total award amount for city portion will be \$2,670,060.42; JEA award amount will be \$291,505.00 or total award amount not-to-exceed \$2,961,565.42.

This award is to be funded by account(s): PWSD114FAIR-06505-PW0814-02- \$221,614.38; PWCP143VP519-06505-PW0814-03- \$1,908,971.19; PWSD114FAIR-06505-PW0859-01- \$500,000.00; PWCP143VP519-06505-PW0859-01- \$39,474.85; JEA- \$291,505.00 to be executed by formal contract through Office of General Counsel.

Attachments: Recommendation Memo, Bid Tabulation Sheet, JSEB Letter, Basis of Award, Scope of Work

ANALYST: Marilyn Laidler RESPECTFULLY SUBMITTED Gregory Pease  
MARILYN LAIDLER GREGORY PEASE, CHIEF  
PROCUREMENT DIVISION

CONCURRENCE BY: Robin G. Smith, Chief, Engineering and Construction Management

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)  
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 3 MEMBERS DISAPPROVING 0 DATE: 11-21-19

Teresa R. Eichen  
[Signature]  
[Signature]

OTHER: \_\_\_\_\_

ACTION OF AWARING AUTHORITY DATE 11/21/19

APPROVED [Signature] DISAPPROVED \_\_\_\_\_

OTHER \_\_\_\_\_

SIGNATURE OF AUTHENTICATION [Signature]



# City of Jacksonville, Florida

*Lenny Curry, Mayor*

Department of Public Works  
214 N. Hogan St., 10<sup>th</sup> floor  
Jacksonville, FL 32202  
(904) 255-8786  
www.coj.net

ONE CITY. ONE JACKSONVILLE.

November 14, 2019

TO: Gregory W. Pease  
Chief of Procurement

THRU: John P. Pappas, P.E.  
Director

FROM: Robin G. Smith, P.E.  
Chief, Engineering and Construction Management

SUBJECT: RECOMMENDATION TO AWARD

RE: Deerwood Park Blvd. Roadway and Bridge Improvements  
Bid No.: CP-0635-19  
Bid Date: September 18, 2019  
Award Amount: \$2,670,060.42  
Internal Services Account No. PWEN011AD

The Department of Public Works reviewed and tabulated the Four (4) bids received on the referenced project. . The apparent low bid by CGC, Inc., has been reviewed by the EBO Office who has determined that the bidder is in compliance with the 10% set aside requirements established for this project. Parts A and B will be funded by the City in the amount of \$2,670,060.42 and Parts C, D & E for \$291,505.00 will be funded by JEA in a separate agreement. In addition, Public Works has confirmed through [www.myfloridalicense.com](http://www.myfloridalicense.com) the appropriate licenses for this contractor and listed subcontractors, if applicable.

Accordingly, we recommend that the Total Base Bid for Deerwood Park Blvd. Roadway and Bridge Improvements be awarded to CGC, Inc., 7036 West 12<sup>th</sup> Street, Jacksonville, FL 32220, in accordance with the attached bid documents, for Parts A & B in the amount of \$2,670,060.42 which is being funded by the City, and Parts C, D & E in the amount of \$291,505.00 to be awarded by JEA in a separate agreement for a total of \$2,961,565.42.

Funding for this project should be encumbered by contract as follows:

ACCOUNT NO.	ENCUMBERED AMOUNT
PWSD114FAIR-06505-PW0814-02	\$221,614.38
PWCP143VP519-06505-PW0814-03	\$1,908,971.19
PWSD114FAIR-06505-PW0859-01	\$500,000.00
PWCP143VP519-06505-PW0859-01	\$39,474.85
JEA	\$291,505.00
TOTAL	\$2,961,565.42

RGS/lw

**Attachments**

cc: Lori West, PW Contract Specialist, Engineering and Construction Management  
Gary Goldsberry, P.E., Project Manager, Engineering and Construction Management



ONE CITY. ONE JACKSONVILLE.

# City of Jacksonville, Florida

*Lenny Curry, Mayor*

Procurement Division  
Ed Ball Building  
214 N. Hogan Street, Suite 800  
Jacksonville, Florida 32202

## *Interoffice Memorandum*

DATE: September 27, 2019

TO: Gary Goldsberry, P.E., Public Works Department

FROM: Marilyn Laidler, Procurement Analyst, Procurement Division 

RE: BID #CP-0635-19 Deerwood Park Blvd Roadway and Bridge Improvements

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Enclosed are copies of the subject bid along with the bid tabulation sheet for your evaluation and review. To better serve all our customers and continue to improve our Formal bid cycle time, we ask that you complete your evaluation and return a letter of recommendation to the Procurement Division within 7-10 days from date of this notification.

The scheduled General Government Awards meeting is held every Thursday at 1:00 p.m. in conference room 851 on the 8<sup>th</sup> floor of the Ed Ball Building. Items to be considered for GGAC must be submitted to Procurement no later than noon (12:00PM) Thursday prior to the next regularly scheduled Thursday meeting.

If I can assist in any way please do not hesitate to call me at (904) 255-8804 or email me at [mlaidler@coj.net](mailto:mlaidler@coj.net).

Enclosures

TITLE:		DEERWOOD PARK BLVD ROADWAY AND BRIDGE IMPROVEMENTS									
ORD NO.:		CP-0633-18 (PW)				CALLAWAY CONTRACTING, INC		SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC		J.B. CORWELL CONTRACTING, INC.	
OPEN DATE:		SEPTEMBER 10, 2018 @ 3:00PM									
BUYER:		MARLYN LADLER									
No. Invoiced (4)		No. Received (4)		No. Bids (1)							
ITEM	DESCRIPTION OF WORK	Unit	EST. QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>CITY OF JACKSONVILLE (ROADWAY)- PART A</b>											
1	MOBILIZATION	LS	1	\$ 384,558.68	\$ 384,558.68	\$ 166,700.00	\$ 166,700.00	\$ 398,050.00	\$ 398,050.00	\$ 398,050.00	\$ 398,050.00
2	SITE PREPARATION	LS	1	\$ 154,911.27	\$ 154,911.27	\$ 235,900.00	\$ 235,900.00	\$ 157,300.00	\$ 157,300.00	\$ 157,300.00	\$ 157,300.00
3	MAINTENANCE OF TRAFFIC	LS	1	\$ 61,533.83	\$ 61,533.83	\$ 230,680.00	\$ 230,680.00	\$ 54,298.00	\$ 54,298.00	\$ 54,298.00	\$ 54,298.00
4	AS BUILTS DRAWINGS	LS	1	\$ 28,551.05	\$ 28,551.05	\$ 5,000.00	\$ 5,000.00	\$ 12,373.00	\$ 12,373.00	\$ 12,373.00	\$ 12,373.00
5	PROJECT SIGNS	EA	2	\$ 2,630.88	\$ 5,261.76	\$ 1,000.00	\$ 2,000.00	\$ 1,680.00	\$ 3,360.00	\$ 3,360.00	\$ 3,360.00
6	EROSION CONTROL AND POLLUTION ABATEMENT	LS	1	\$ 26,633.36	\$ 26,633.36	\$ 180,550.00	\$ 180,550.00	\$ 17,800.00	\$ 17,800.00	\$ 17,800.00	\$ 17,800.00
7	DEWATERING	LS	1	\$ 12,650.00	\$ 12,650.00	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
8	REGULATED CAVARION & FILL	LS	1	\$ 72,445.41	\$ 72,445.41	\$ 43,000.00	\$ 43,000.00	\$ 75,696.00	\$ 75,696.00	\$ 75,696.00	\$ 75,696.00
9	HAZARD AND DISPOSAL OF UNSUITABLE MATERIAL (CONTRINGENCY)	CY	100	\$ 15.81	\$ 1,581.00	\$ 49.00	\$ 4,900.00	\$ 15.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
10	COVER & CAVATION (CONTRINGENCY)	CY	100	\$ 10.68	\$ 1,068.00	\$ 48.00	\$ 4,800.00	\$ 37.00	\$ 3,700.00	\$ 3,700.00	\$ 3,700.00
11	4 3 SAND BACKFILL (CONTRINGENCY)	CY	150	\$ 26.47	\$ 3,970.50	\$ 47.00	\$ 7,050.00	\$ 37.00	\$ 5,550.00	\$ 5,550.00	\$ 5,550.00
12	MILL EXISTING ASPHALT 11" AVG 1	SY	5478	\$ 7.04	\$ 38,565.12	\$ 7.00	\$ 38,346.00	\$ 1.85	\$ 10,126.15	\$ 10,126.15	\$ 10,126.15
13	ASPHALTIC CONCRETE TYPE SP 12.5 (11" THICK)	SY	3565	\$ 17.38	\$ 61,935.30	\$ 17.50	\$ 62,362.50	\$ 10.50	\$ 37,432.50	\$ 37,432.50	\$ 37,432.50
14	ASPHALTIC CONCRETE TYPE SP 9.5 (11" THICK)	SY	9042	\$ 11.37	\$ 102,734.34	\$ 11.50	\$ 103,923.00	\$ 7.80	\$ 70,527.60	\$ 70,527.60	\$ 70,527.60

TITLE:		DEERWOOD PARK BLVD ROADWAY AND BRIDGE IMPROVEMENTS				COC, INC.			
BID NO:		CP-0835-18 (PMM)							
ITEM	DESCRIPTION OF WORK	UNIT	EST. QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>CITY OF JACKSONVILLE (ROADWAY)- PART A</b>									
1	MOBILIZATION	LS	1	\$ 89,000.00	\$ 89,000.00	\$		\$	
2	SITE PREPARATION	LS	1	\$ 123,500.00	\$ 123,500.00	\$		\$	
3	MAINTENANCE OF TRAFFIC	LS	1	\$ 71,700.00	\$ 71,700.00	\$		\$	
4	AS BUILT DRAWINGS	LS	1	\$ 17,250.00	\$ 17,250.00	\$		\$	
5	PROJECT SIGNS	EA	2	\$ 500.00	\$ 1,000.00	\$		\$	
6	EROSION CONTROL AND POLLUTION ABATEMENT	LS	1	\$ 17,600.00	\$ 17,600.00	\$		\$	
7	DEWATERING	LS	1	\$ 5,000.00	\$ 5,000.00	\$		\$	
8	REGULAR EXCAVATION & FILL	LS	1	\$ 142,739.00	\$ 142,739.00	\$		\$	
9	HANDLING AND DISPOSAL OF UNSUITABLE MATERIAL (CONTINGENCY)	CY	100	\$ 15.00	\$ 1,500.00	\$		\$	
10	OVEREXCAVATION (CONTINGENCY)	CY	100	\$ 10.00	\$ 1,000.00	\$		\$	
11	A-2 SAND BACKFILL (CONTINGENCY)	CY	100	\$ 21.00	\$ 2,100.00	\$		\$	
12	REMOVE EXISTING ASPHALT (1" AVG T)	SY	5,878	\$ 3.09	\$ 18,063.01	\$		\$	
13	ASPHALTIC CONCRETE TYPE SP 12.5 (1.5" THICK)	SY	3,585	\$ 10.07	\$ 36,100.65	\$		\$	
14	ASPHALTIC CONCRETE TYPE SP # 5 (1" THICK)	SY	9,062	\$ 6.03	\$ 54,772.86	\$		\$	

TITLE: DEERWOOD PARK BLVD. ROADWAY AND BRIDGE IMPROVEMENTS				CALLAWAY CONTRACTING, INC.		SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC		J.B. EDWARDS CONTRACTING, INC.	
BID NO.	CP 0623-18	(PWS)							
15	BASE 8" COMPACTED LIMESTONE (87)	SY	3 624	\$ 32 33	\$ 118 083 10	\$ 13 00	\$ 61 710 00	\$ 70 00	\$ 105 270 00
16	12" STABILIZED SUBGRADE	SY	4 161	\$ 15 13	\$ 62 955 93	\$ 12 00	\$ 49 932 00	\$ 17 00	\$ 70 127 00
17	CITY STD CURB & GUTTER	LF	1 538	\$ 28 12	\$ 43 248 58	\$ 21 00	\$ 32 298 00	\$ 28 00	\$ 43 064 00
18	CITY STD MEDIAN CURB	LF	872	\$ 31 17	\$ 27 052 81	\$ 25 00	\$ 20 515 00	\$ 29 00	\$ 23 044 00
19	VALET GUTTER	LF	37	\$ 100 31	\$ 3 713 69	\$ 64 00	\$ 2 368 00	\$ 46 00	\$ 1 722 00
20	18" X 18" CONCRETE BORDER	LF	79	\$ 28 41	\$ 2 201 99	\$ 68 00	\$ 2 452 00	\$ 46 00	\$ 1 754 00
21	18" X 12" CONCRETE BORDER	LF	148	\$ 65 54	\$ 9 548 84	\$ 43 00	\$ 6 278 00	\$ 48 00	\$ 7 008 00
22	CONCRETE SIDEWALK (4" THICK)	SY	278	\$ 100 23	\$ 28 243 08	\$ 60 00	\$ 16 460 00	\$ 39 00	\$ 16 284 00
23	CONCRETE DRIVEWAY/BUS PAD (6" THICK)	SY	114	\$ 110 19	\$ 12 561 68	\$ 52 00	\$ 5 928 00	\$ 65 00	\$ 7 410 00
24	CONCRETE PAVED SIDEWALK	SF	133	\$ 31 32	\$ 4 158 16	\$ 43 00	\$ 6 517 00	\$ 18 00	\$ 2 527 00
25	CONCRETE PAVED CROSSWALK	SF	498	\$ 47 32	\$ 23 321 62	\$ 43 00	\$ 21 328 00	\$ 27 00	\$ 13 392 00
26	BRIDGE AND APPROACH SLABS	LS	1	\$ 1 528 511 75	\$ 1 528 511 75	\$ 1 748 500 00	\$ 1 748 500 00	\$ 1 129 872 00	\$ 1 129 872 00
27	ASPHALTIC CONCRETE TYPE CP 95 (1 1/2" THICK APPROACH SLAB)	SY	268	\$ 55 93	\$ 20 582 24	\$ 16 00	\$ 5 688 00	\$ 21 00	\$ 9 220 00
28	GUARDRAIL	LF	154	\$ 146 60	\$ 22 586 60	\$ 91 00	\$ 13 781 00	\$ 95 00	\$ 14 245 00
29	MISC CONCRETE (1 1/2" THICK GUARDRAIL)	SY	21	\$ 153 18	\$ 3 216 78	\$ 8 00	\$ 832 00	\$ 64 00	\$ 4 544 00
30	RUBBLE R-FRAP	LN	275	\$ 327 76	\$ 90 131 25	\$ 93 00	\$ 25 575 00	\$ 76 00	\$ 23 975 00
31	TRAFFIC STRIPE SOLID THERMOPLASTIC (WHITE) (67)	LF	2 502	\$ 2 64	\$ 10 295 68	\$ 1 00	\$ 2 502 00	\$ 1 50	\$ 5 253 00

TITLE:		DEERWOOD PARK BLVD ROADWAY AND BRIDGE IMPROVEMENTS		CCG, INC.			
BID NO:	CP 0435-10	(P/W)					
15	BASE, 8" COMPACTED (16) ROCK (18")	SY	3 630	\$	18 22	\$	51 681 60
16	12" STABILIZED SUBGRADE	SY	4 181	\$	3 60	\$	14 663 50
17	4" 1Y STD CURB & GUTTER	LF	1 528	\$	23 70	\$	36 450 60
18	CITY STD MEDIAN CURB	LF	823	\$	23 70	\$	19 505 10
19	VALLEY GUTTER	LF	37	\$	33 50	\$	1 239 50
20	18" X 18" CONCRETE BORDER	LF	20	\$	24 75	\$	1 355 75
21	18" X 12" CONCRETE BORDER	LF	116	\$	24 20	\$	5 577 20
22	CONCRETE SIDEWALK (4" THICK)	LF	218	\$	55 75	\$	15 367 00
23	CONCRETE DRIVEWAY BUS PAD (6" THICK)	SY	114	\$	67 25	\$	7 644 50
24	CONCRETE PAVEN SIDEWALK	SF	133	\$	10 00	\$	1 330 00
25	CONCRETE PAVEN CROSSWALK	SF	426	\$	16 57	\$	7 058 72
26	BRIDGE AND APPROACH SLABS	S	1	\$	1 181 718 00	\$	1 181 718 00
27	ASPHALTIC CONCRETE (TYPE SP 9.5) (7.5" THICK APPROACH SLAB)	SY	280	\$	24 81	\$	6 942 80
28	GUARDRAIL	LF	151	\$	93 17	\$	14 068 67
29	MISC CONCRETE (2" THICK GUARDRAIL)	SY	71	\$	14 20	\$	4 118 60
30	RUBBER RIPRAP	LF	235	\$	253 60	\$	60 575 00
31	TRAFFIC STRIPE SOLID THERMOPLASTIC (WHITE) (18")	LF	3 502	\$	1 43	\$	5 007 86

FILE.	DEERWOOD PARK BLVD. ROADWAY AND BRIDGE IMPROVEMENTS			CALLAWAY CONTRACTING, INC.	SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC	J.B. CORWELL CONTRACTING, INC.			
BID NO.	CP 0635-10 (PWT)								
22	TRAFFIC STRIPE SOLID THERMOPLASTIC (YELLOW) (4")	LF	1 857	\$ 2 51	\$ 4 661 07	\$ 1 00	\$ 1 657 00	\$ 1 50	\$ 2 785 50
23	TRAFFIC STRIPE SOLID THERMOPLASTIC (WHITE) (18")	LF	374	\$ 4 25	\$ 1 577 00	\$ 1 25	\$ 425 00	\$ 1 75	\$ 547 00
24	TRAFFIC STRIPE SOLID THERMOPLASTIC (YELLOW) (8")	LF	613	\$ 3 37	\$ 1 736 21	\$ 1 25	\$ 648 25	\$ 1 75	\$ 837 75
25	TRAFFIC STRIPE SOLID THERMOPLASTIC (YELLOW) (18")	LF	162	\$ 12 07	\$ 1 948 60	\$ 4 00	\$ 648 00	\$ 8 75	\$ 1 693 50
26	TRAFFIC STRIPE SOLID THERMOPLASTIC (WHITE) (18")	LF	141	\$ 12 96	\$ 1 792 29	\$ 4 00	\$ 564 00	\$ 6 75	\$ 951 75
27	TRAFFIC STRIPE SOLID THERMOPLASTIC (WHITE) (24")	LF	115	\$ 16 37	\$ 1 842 55	\$ 5 00	\$ 575 00	\$ 9 00	\$ 1 635 00
28	ARROWS THERMOPLASTIC	EA	0	\$ 212 73	\$ 1 814 57	\$ 75 00	\$ 675 00	\$ 117 50	\$ 1 057 50
29	PAVEMENT MESSAGES THERMOPLASTIC	EA	1	\$ 896 75	\$ 896 75	\$ 100 00	\$ 100 00	\$ 157 00	\$ 157 00
30	RETRO REFLECTIVE PAVEMENT MARKERS	EA	133	\$ 11 73	\$ 1 540 09	\$ 5 00	\$ 665 00	\$ 5 50	\$ 731 50
31	SIGN POST SIGN (LOCATE)	EA	4	\$ 680 25	\$ 2 721 00	\$ 185 00	\$ 760 00	\$ 207 00	\$ 878 00
32	SIGN POST SIGN (FURNISH & INSTALL)	EA	2	\$ 1 130 28	\$ 2 260 56	\$ 780 00	\$ 560 00	\$ 314 00	\$ 678 00
33	CONVERT EXIST MANHOLE TO CURB W/LET (E 1)	EA	1	\$ 7 186 72	\$ 7 186 72	\$ 2 200 00	\$ 2 200 00	\$ 3 470 00	\$ 3 470 00
34	ADJUST CURB W/LET TOP (E 2 E 2)	EA	2	\$ 2 408 30	\$ 5 616 60	\$ 1 500 00	\$ 3 000 00	\$ 2 110 00	\$ 4 220 00
35	CITY STD CURB W/LET	EA	1	\$ 5 137 76	\$ 5 137 76	\$ 4 300 00	\$ 4 300 00	\$ 3 370 00	\$ 3 370 00
36	CITY STD TYPE J + MANHOLE	EA	1	\$ 5 424 93	\$ 5 424 93	\$ 4 700 00	\$ 4 700 00	\$ 4 655 00	\$ 4 655 00
37	15" MCP DRAINAGE PIPE	LF	28	\$ 120 90	\$ 4 554 20	\$ 144 00	\$ 4 472 00	\$ 183 00	\$ 6 954 00
38	12" x 18" ERCP DRAINAGE PIPE	LF	16	\$ 235 54	\$ 4 473 26	\$ 291 00	\$ 5 529 00	\$ 275 00	\$ 5 304 00
39	CONNECT PROPOSED 12" x 18" ERCP TO E 2	EA	1	\$ 5 003 71	\$ 5 003 71	\$ 580 00	\$ 580 00	\$ 2 170 00	\$ 2 170 00
40	COMPLETE LIGHT POLE (SINGLE ARM)	EA	6	\$ 8 118 10	\$ 22 472 60	\$ 8 400 00	\$ 25 600 00	\$ 7 640 00	\$ 31 760 00
41	COMPLETE LIGHT POLE (DOUBLE ARM)	EA	1	\$ 6 473 11	\$ 6 473 11	\$ 5 100 00	\$ 5 100 00	\$ 10 750 00	\$ 10 750 00
42	CONDUIT (OPEN TRENCH)	LF	321	\$ 9 39	\$ 3 014 19	\$ 7 00	\$ 2 247 00	\$ 27 00	\$ 7 062 00
43	CONDUIT (DIRECT BURIAL)	LF	215	\$ 22 77	\$ 3 172 55	\$ 18 00	\$ 5 670 00	\$ 33 00	\$ 10 395 00
44	PULL BOX	EA	8	\$ 1 005 64	\$ 8 045 12	\$ 800 00	\$ 6 400 00	\$ 1 200 00	\$ 10 640 00
45	SPICE EXISTING ROUNDOFF CONDUIT TOGETHER	EA	1	\$ 569 25	\$ 569 25	\$ 450 00	\$ 450 00	\$ 867 00	\$ 867 00
46	SOD MATCH (EXISTING)	SV	4 000	\$ 10 41	\$ 41 640 00	\$ 10 50	\$ 42 000 00	\$ 9 35	\$ 37 420 00
<b>BASE BID- PART A (ITEMS NOS. 1-56)</b>				<b>\$</b>	<b>3,135,943.67</b>	<b>\$</b>	<b>3,148,452.75</b>	<b>\$</b>	<b>2,522,885.95</b>

TITLE:		DEERWOOD PARK BLVD. ROADWAY AND BRIDGE IMPROVEMENTS		CGC, INC.				
BID NO.	CP 0515-18 (PW)							
32	TRAFFIC STRIPE SOLID THERMOPLASTIC (YELLOW) (6')	LF	1 857	\$	1 42	\$	2 655.51	\$
34	TRAFFIC STRIPE SOLID THERMOPLASTIC (WHITE) (8')	LF	224	\$	1 78	\$	570.24	\$
34	TRAFFIC STRIPE SOLID THERMOPLASTIC (YELLOW) (8')	LF	533	\$	1 78	\$	939.00	\$
35	TRAFFIC STRIPE SOLID THERMOPLASTIC (YELLOW) (18')	LF	162	\$	6 60	\$	1 069.20	\$
36	TRAFFIC STRIPE SOLID THERMOPLASTIC (WHITE) (18')	LF	141	\$	6 60	\$	930.60	\$
37	TRAFFIC STRIPE SOLID THERMOPLASTIC (WHITE) (24')	LF	115	\$	8 80	\$	1 012.00	\$
38	ARROWS THERMOPLASTIC	FA	8	\$	97.42	\$	811.60	\$
39	PAVEMENT MESSAGES THERMOPLASTIC	EA	1	\$	154.00	\$	154.00	\$
40	RETRO REFLECTIVE PAVEMENT MARKERS	EA	133	\$	11.00	\$	1 483.00	\$
41	SINGLE POST SIGN RELOCATE	FA	4	\$	204.00	\$	816.00	\$
42	SINGLE POST SIGN RELOCATE & INSTALL	EA	2	\$	308.00	\$	616.00	\$
43	CONVERT EXIST MANHOLE TO CURB SIDE (E 1)	FA	1	\$	5 650.00	\$	5 650.00	\$
44	ADJUST CURB W/ SET TOP (E 2 E 3)	EA	2	\$	2 750.00	\$	5 500.00	\$
45	CITY STD CURB W/ SET	FA	1	\$	4 500.00	\$	4 500.00	\$
46	CITY STD TYPE 2 MANHOLE	EA	1	\$	5 500.00	\$	5 500.00	\$
47	11" RCP DRAINAGE PIPE	LF	28	\$	150.00	\$	5 700.00	\$
48	12" x 18" RCP DRAINAGE PIPE	LF	22	\$	165.00	\$	3 630.00	\$
49	COVER CE PROPOSED 12" x 18" RCP TO E 2	EA	1	\$	2 500.00	\$	2 500.00	\$
50	COMPLETE LIGHT POLE (SQUARE ARM)	EA	4	\$	7 052.22	\$	28 208.88	\$
51	COMPLETE LIGHT POLE (DOUBLE ARM)	EA	1	\$	5 425.00	\$	5 425.00	\$
52	CONDUIT (OPEN TRAFFIC)	LF	321	\$	6.18	\$	2 018.26	\$
53	CONDUIT (DIRECTIONAL BORE)	LF	315	\$	19.80	\$	6 237.00	\$
54	PULL BOX	FA	8	\$	875.00	\$	7 000.00	\$
55	SPlice EXISTING AND NEW CONDUIT TOGETHER	FA	1	\$	495.00	\$	495.00	\$
56	SOIL MATCH EXISTING	SY	4 000	\$	8.38	\$	37 442.00	\$
<b>BASE BID- PART A (ITEMS NOS. 1-56)</b>				<b>\$</b>	<b>2,130,805.57</b>	<b>\$</b>		<b>\$</b>

TITLE	DEERWOOD PARK BLVD. ROADWAY AND BRIDGE IMPROVEMENTS	CALLAWAY CONTRACTING, INC.	SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC	J.B. COTWELL CONTRACTING, INC.					
BID NO	CP-0035-19								
<b>CITY OF JACKSONVILLE (SIGNALIZATION &amp; ITS) - PART B</b>									
57	MOBILIZATION	LS	1	\$ 49,830.88	\$ 49,830.88	\$ 29,000.00	\$ 29,000.00	\$ 27,420.00	\$ 27,420.00
58	MAINTENANCE OF TRAFFIC	LS	1	\$ 28,457.44	\$ 28,457.44	\$ 27,500.00	\$ 27,500.00	\$ 2,000.00	\$ 2,000.00
59	INITIAL CONTINGENCY (DO NOT BID)	LS	N/A	N/A	N/A	N/A	N/A	N/A	N/A
60	EROSION CONTROL 2%	LS	1	\$ 1,897.50	\$ 1,897.50	\$ 500.00	\$ 500.00	\$ 2,500.00	\$ 2,500.00
61	CONDUIT F & I OPEN TRENCH	LF	4,265	\$ 0.66	\$ 2,813.30	\$ 5.00	\$ 21,825.00	\$ 0.00	\$ 38,412.00
62	CONDUIT F & I DIRECTIONAL BORE	LF	3,505	\$ 25.00	\$ 87,625.00	\$ 19.00	\$ 66,595.00	\$ 74.00	\$ 84,120.00
63	SIGNAL CABLE F & I	PI	1	\$ 4,928.44	\$ 4,928.44	\$ 7,800.00	\$ 7,800.00	\$ 5,920.00	\$ 5,920.00
64	PULL & SPlice BOX F & I (12" X 24") STANDARD SIZE	EA	8	\$ 1,005.68	\$ 8,045.12	\$ 800.00	\$ 7,200.00	\$ 735.00	\$ 6,615.00
65	PULL & SPlice BOX F & I (12" X 36") STANDARD SIZE	EA	21	\$ 1,641.97	\$ 34,481.37	\$ 1,300.00	\$ 27,300.00	\$ 1,636.00	\$ 34,256.00
66	PULL & SPlice BOX F & I (12" X 48") STANDARD SIZE	EA	1	\$ 2,837.10	\$ 2,837.10	\$ 2,200.00	\$ 2,200.00	\$ 2,210.00	\$ 2,210.00
67	ELECTRIC SERVICE WIRE # 81	LF	265	\$ 4.75	\$ 1,258.75	\$ 3.00	\$ 795.00	\$ 10.00	\$ 2,550.00
68	ELECTRIC SERVICE DISCONNECT F & I POLE MOUNT	EA	1	\$ 487.07	\$ 487.07	\$ 380.00	\$ 380.00	\$ 1,049.00	\$ 1,018.00
69	PRETRESSED CONCRETE POLE F & I TYPE P M SERVICE POLE	EA	1	\$ 1,228.25	\$ 1,228.25	\$ 1,000.00	\$ 1,000.00	\$ 1,405.00	\$ 1,425.00
70	ALUMINUM SIGNAL POLE F & I PEDESTAL	EA	6	\$ 1,454.75	\$ 8,728.50	\$ 1,160.00	\$ 6,960.00	\$ 1,748.00	\$ 12,488.00
71	STEEL MAST ARM ASSEMBLY F & I SINGLE ARM 50'	EA	1	\$ 61,978.30	\$ 61,978.30	\$ 48,000.00	\$ 48,000.00	\$ 48,440.00	\$ 48,660.00
72	STEEL MAST ARM ASSEMBLY F & I DOUBLE ARM 50'	EA	1	\$ 83,866.00	\$ 83,866.00	\$ 62,000.00	\$ 62,000.00	\$ 65,215.00	\$ 65,215.00
73	TRAFFIC SIGNAL F & I 3 SECTION 1 WAY	AS	6	\$ 1,259.94	\$ 7,559.64	\$ 1,000.00	\$ 6,000.00	\$ 1,820.00	\$ 6,170.00
74	TRAFFIC SIGNAL F & I 4 SECTION 1 WAY	AS	1	\$ 2,818.64	\$ 2,818.64	\$ 1,500.00	\$ 1,500.00	\$ 1,350.00	\$ 1,350.00
75	PEDESTAL SIGNAL F & I LED COUNTERDOWN 1 WAY	EA	6	\$ 714.73	\$ 4,288.38	\$ 550.00	\$ 3,300.00	\$ 618.00	\$ 3,888.00
76	LOOP ASSEMBLY F & I TYPE F	AS	7	\$ 832.50	\$ 4,227.50	\$ 560.00	\$ 3,920.00	\$ 770.00	\$ 5,173.00
77	VEHICLE DETECTION SYSTEM W/ BLUETOOTH F & I ABOVE GROUND EQUIPMENT	EA	1	\$ 13,908.68	\$ 13,908.68	\$ 10,000.00	\$ 10,000.00	\$ 8,487.00	\$ 8,487.00
78	PEDESTRIAN DETECTOR F & I STANDARD	EA	6	\$ 379.02	\$ 2,274.12	\$ 250.00	\$ 1,500.00	\$ 225.00	\$ 1,350.00
79	TRAFFIC CONTROLLER ASSEMBLY F & I NEMA	AS	1	\$ 37,767.73	\$ 37,767.73	\$ 28,000.00	\$ 28,000.00	\$ 36,550.00	\$ 36,550.00

TITLE: DEERWOOD PARK BLVD. ROADWAY AND BRIDGE IMPROVEMENTS		CCC, INC							
BID NO. CP 035-10 (P10)									
CITY OF JACKSONVILLE (SIGNALIZATION & ITS) - PART B									
57	MOBILIZATION	LB	1	\$ 51 859.00	\$ 51 859.00				
58	MAINTENANCE OF TRAFFIC	LS	1	\$ 22 748.00	\$ 22 748.00				
59	INITIAL CONTINGENCY (10% BID)	LS	11A	11A	11A	11A	11A	11A	11A
60	EROSION CONTROL 2%	LS	1	\$ 3 000.00	\$ 3 000.00				
61	CONDUIT F & I OPEN TRENCH	LF	4 365	\$ 5.56	\$ 24 075.43				
62	CONDUIT F & I DIRECTIONAL BORE	LF	3 509	\$ 21.78	\$ 76 169.70				
63	SIGNAL CABLE F & I	PL	1	\$ 4 286.00	\$ 4 286.00				
64	PULL & SPLICE BOX F & I (12" X 24") STANDARD SIZE	EA	9	\$ 875.00	\$ 7 875.00				
65	PULL & SPLICE BOX F & I (24" X 36") STANDARD SIZE	EA	21	\$ 1 428.00	\$ 29 988.00				
66	PULL & SPLICE BOX F & I (24" X 60") STANDARD SIZE	EA	1	\$ 2 467.00	\$ 2 467.00				
67	ELECTRIC SERVICE WIRE F & I	LF	253	\$ 3.70	\$ 943.50				
68	ELECTRIC SERVICE DISCONNECT F & I POLE MOUNT	EA	1	\$ 474.00	\$ 474.00				
69	PRESTRESSED CONCRETE POLE F & I TYPE PH SERVICE POLE	EA	1	\$ 1 155.00	\$ 1 155.00				
70	ALUMINUM SIGNAL POLE F & I PEDESTAL	EA	6	\$ 1 265.00	\$ 7 590.00				
71	STEEL MAST ARM ASSEMBLY F & I SINGLE ARM 40'	EA	1	\$ 53 872.00	\$ 53 872.00				
72	STEEL MAST ARM ASSEMBLY F & I DOUBLE ARM 40'	EA	1	\$ 72 944.00	\$ 72 944.00				
73	TRAFFIC SIGNAL F & I 3 SECTION 1 WAY	AS	8	\$ 1 054.00	\$ 8 518.00				
74	TRAFFIC SIGNAL F & I 4 SECTION 1 WAY	AS	1	1756	\$ 1 756.00				
75	FED SIGNAL F & I LED CONTIGION 1 WAY	EA	6	627	\$ 3 762.00				
76	LOOP ASSEMBLY F & I TYPE F	AS	7	550	\$ 3 850.00				
77	VEHICLE DETECTION SYSTEM AND BLUETOOTH F & I ABOVE GROUND EQUIPMENT	EA	1	12095	\$ 12 095.00				
78	PEDESTRIAN DETECTOR F & I STANDARD	EA	8	295	\$ 2 378.00				
79	TRAFFIC CONTROLLER ASSEMBLY F & I NEMA	AS	1	32447	\$ 32 447.00				

TITLE:		DEERWOOD PARK BLVD. ROADWAY AND BRIDGE IMPROVEMENTS		CALLAWAY CONTRACTING, INC.		SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC		J. B. COXWELL CONTRACTING, INC.	
QNO NO	CP-0135-10 (7/20)								
80	TRAFFIC CONTROLLER WITHOUT CABINET F & I W/ EXISTING CABINET MEMA	EA	1	\$ 8,261.75	\$ 8,261.75	\$ 4,900.00	\$ 4,900.00	\$ 7,383.00	\$ 7,383.00
81	1/8" CCTV CAMERA F & I, DOME ENCLOSURE NON PRESSURIZED, IP HIGH DEFINITION	EA	3	\$ 9,731.85	\$ 29,195.55	\$ 7,500.00	\$ 22,500.00	\$ 8,045.00	\$ 24,135.00
82	SIGN PANEL F & I OVERHEAD MOUNT UP TO 12 SF	EA	1	\$ 752.68	\$ 752.68	\$ 550.00	\$ 550.00	\$ 660.00	\$ 650.00
83	INTERNALLY ILLUMINATED SIGN F & I OVERHEAD MOUNT, UP TO 12 SF	EA	3	\$ 4,956.75	\$ 14,870.25	\$ 4,000.00	\$ 12,000.00	\$ 1,870.00	\$ 5,910.00
84	LUMINAIRE & BRACKET ASM. GALV STEEL F & I NEW LUMINAIRE ON NEW EXISTING	EA	2	\$ 1,892.44	\$ 3,784.88	\$ 1,420.00	\$ 2,840.00	\$ 1,682.00	\$ 3,724.00
85	PATTERNED PAVEMENT VEHICULAR AREAS (INCLUDED IN PART A)	EA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
86	SINGLE POST SIGN REMOVE (INCLUDED IN PART A)	EA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
87	PAINTED PAVEMENT MARKINGS, STANDARD WHITE, SOLID FOR STOP LINE OR CROSSWALK	EA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
88	FIBER OPTIC CABLE, F & I, UNDERGROUND, 2-12 FIBERS	LF	20	\$ 6.33	\$ 126.60	\$ 5.00	\$ 100.00	\$ 19.65	\$ 393.00
89	FIBER OPTIC CABLE F & I UNDERGROUND 13-48 FIBER	LF	8,245	\$ 3.73	\$ 30,753.85	\$ 3.00	\$ 24,735.00	\$ 3.20	\$ 30,506.50
90	FIBER OPTIC CONNECTION INSTALL SPLICE	EA	72	\$ 50.60	\$ 3,643.20	\$ 42.00	\$ 2,980.00	\$ 53.00	\$ 3,816.00
91	FIBER OPTIC CONNECTION: INSTALL TERMINATION	EA	72	\$ 103.57	\$ 7,457.04	\$ 85.00	\$ 6,120.00	\$ 84.50	\$ 6,044.00
92	FIBER OPTIC CONNECTION HARDWARE F & I SPLICE ENCLOSURE	EA	4	\$ 258.24	\$ 1,032.96	\$ 750.00	\$ 3,000.00	\$ 1,069.00	\$ 4,276.00
93	FIBER OPTIC CONNECTION HARDWARE, F & I SPLICE TRAY	EA	4	\$ 67.58	\$ 270.32	\$ 55.00	\$ 220.00	\$ 112.00	\$ 448.00
94	FIBER OPTIC CONNECTION HARDWARE, F & I, BUFFER TUBE FAN OUT KIT	EA	6	\$ 68.55	\$ 411.30	\$ 70.00	\$ 420.00	\$ 120.00	\$ 780.00
95	FIBER OPTIC CONNECTION HARDWARE, F & I FIELD ILLUMINATED PATCH PANEL	EA	4	\$ 475.68	\$ 1,902.72	\$ 690.00	\$ 2,760.00	\$ 1,276.00	\$ 4,644.00
96	MANUFACTURED FIBER SWITCH F & I	EA	4	\$ 3,682.44	\$ 14,729.76	\$ 2,600.00	\$ 10,400.00	\$ 6,629.00	\$ 26,112.00
<b>BASE BID- PART B (ITEMS NO. 57-96)</b>				<b>5</b>	<b>\$ 588,820.27</b>	<b>\$ 445,860.00</b>	<b>\$ 501,519.50</b>		
<b>JEA- PART C- FORCE MAIN &amp; MISC</b>									
97	MOBILIZATION	LS	1	\$ 25,426.48	\$ 25,426.48	\$ 21,650.00	\$ 21,650.00	28225	\$ 28,835.00
98	SITE PREPARATION	LS	1	\$ 8,311.05	\$ 8,311.05	\$ 11,660.00	\$ 11,660.00	11250	\$ 11,050.00
99	AS-BUILT DRAWING	LS	6						
100	MAINTENANCE OF TRAFFIC	LS	1	\$ 4,982.23	\$ 4,982.23	\$ 11,600.00	\$ 11,600.00	3,965.00	\$ 3,965.00
101	EROSION CONTROL AND POLLUTION ABATEMENT	LS	1	\$ 318.25	\$ 318.25	\$ 11,600.00	\$ 11,600.00	1,300.00	\$ 1,300.00
102	CONTRACT	LS	1						
103	REGULAR MAINTENANCE & T&M	LS	1						

TITLE		DEERWOOD PARK BLVD. ROADWAY AND BRIDGE IMPROVEMENTS		CGC, INC					
BID NO	CP-0625-10	IPW							
80	TRAFFIC CONTROLLER WITHOUT CABINET P & I W EXISTING CABINET ITEM	EA	1	\$ 645.00	\$ 645.00				
81	115 CCTV CAMERA, F & I, DOME ENCLOSURE 8" DIA PRESSURIZED IP HIGH DEFINITION	EA	3	\$ 842.00	\$ 2526.00				
82	SIGN PANEL, F & I OVERHEAD MOUNT UP TO 12 SF	EA	1	\$ 655.00	\$ 655.00				
83	INTERMEDIATE ILLUMINATED SIGN P & I OVERHEAD MOUNT UP TO 12 SF	EA	3	\$ 435.00	\$ 1305.00				
84	LUMINAIRE & BRACKET ARM GALV STEEL F & I NEW (LUMINAIRE ON NEW SYSTEM)	EA	2	\$ 1646.00	\$ 3292.00				
85	PATTERNED PAVEMENT VEHICULAR AREAS (INCLUDED IN PART A)	NA	NA	NA	NA	NA	NA	NA	NA
86	SINGLE POST SIGN REMOVE (INCLUDED IN PART A)	7	76	NA	NA	NA	NA	NA	NA
87	PAINTED PAVEMENT MARKINGS STANDARD WHITE, SOLID FOR STOP LINE OR CROSSWALK	NA	NA	NA	NA	NA	NA	NA	NA
88	FIBER OPTIC CABLE, F & I, UNDERGROUND 2 1/2 FIBERS	LF	20	\$ 5.50	\$ 110.00				
89	FIBER OPTIC CABLE, F & I, UNDERGROUND 13 1/8 FIBERS	LF	8245	\$ 3.25	\$ 26796.75				
90	FIBER OPTIC CONNECTION INSTALL SPICE	EA	72	\$ 44.00	\$ 3168.00				
91	FIBER OPTIC CONNECTION INSTALL TERMINATION	EA	72	\$ 81.50	\$ 5872.00				
92	FIBER OPTIC CONNECTION HARDWARE, F & I SPICE ENCLOSURE	EA	4	\$ 632.00	\$ 2528.00				
93	FIBER OPTIC CONNECTION HARDWARE, F & I SPICE TRAY	EA	4	\$ 61.00	\$ 244.00				
94	FIBER OPTIC CONNECTION HARDWARE, F & I BUFFER TUBE PATCH KIT	EA	6	\$ 77.00	\$ 462.00				
95	FIBER OPTIC CONNECTION HARDWARE, F & I FIELD ILLUMINATED PATCH PANEL	EA	4	\$ 312.00	\$ 1248.00				
96	MANAGED FIELD ETHERNET SWITCH, F & I	EA	4	\$ 3466.00	\$ 13864.00				
<b>BASE BID- PART B (ITEMS NO. 57-96)</b>				<b>5</b>	<b>639,474.85</b>	<b>\$</b>		<b>\$</b>	
<b>JEA- PART C</b>									
97	MOBILIZATION	LS	1	\$ 650.00	\$ 650.00				
98	SITE PREPARATION	LS	1	\$ 975.00	\$ 975.00				
99	AS-BUILT DRAWINGS	LS	1	\$	\$				
100	MAINTENANCE OF TRAFFIC	LS	1	\$ 5200.00	\$ 5200.00				
101	EROSION CONTROL AND POLLUTION ABATEMENT	LS	1	\$ 875.00	\$ 875.00				
102	CONTRACTING	LS	1	\$	\$				
103	TECHNICAL ESTIMATION & LMA	LS	1	\$	\$				

TITLE: DEERWOOD PARK BLVD. ROADWAY AND BRIDGE IMPROVEMENTS				CALLAWAY CONTRACTING, INC.				SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC				J.B. COTWELL CONTRACTING, INC.			
BID NO.	CP-0875-18	IPW													
104	MAINTENANCE DISPOSAL OF DUMPABLE MATERIAL (CONTINGENCY)	CY	60		\$			\$							
105	OVERLAP MAINTENANCE (CONTINGENCY)	CY	60		\$			\$							
106	A-3 SAND BACKFILL (CONTINGENCY)	CY	50	\$	54.21	\$	2,710.50	\$	24.00	\$	1,200.00	\$	22.00	\$	1,600.00
107	REMOVE EXIST 16" SJM	LF	185	\$	15.62	\$	2,889.70	\$	243.00	\$	44,400.00	\$	383.00	\$	73,455.00
108	REMOVE EXIST 2" OFFSET AIR RELEASE VALVE ASSEMBLY W/ MANHOLE	EA	1	\$	2,438.92	\$	2,438.92	\$	3,500.00	\$	3,500.00	\$	2,016.00	\$	2,016.00
109	MODIFY FIRST SANITARY MANHOLE	EA	1	\$	12,011.18	\$	12,011.18	\$	15,400.00	\$	15,400.00	\$	9,416.00	\$	9,416.00
110	16" PVC (DR 18) STMPPE	LF	180	\$	66.65	\$	12,011.50	\$	300.00	\$	57,000.00	\$	138.00	\$	26,220.00
111	18" DI MANHOLE DEGREE BEND	EA	4	\$	1,822.39	\$	7,229.56	\$	2,400.00	\$	9,600.00	\$	2,267.00	\$	9,048.00
112	16" DI MANHOLE GATE VALVE W/B & C	EA	2	\$	8,184.03	\$	12,256.06	\$	6,500.00	\$	13,000.00	\$	7,312.00	\$	14,634.00
113	CONTRACT TO EXIST 18" SJM W/ DI MANHOLE	EA	2	\$	5,935.92	\$	11,871.84	\$	7,700.00	\$	15,400.00	\$	5,603.00	\$	11,806.00
114	16" MECHANICAL JOINT RESTRAINTS	EA	12	\$	596.03	\$	7,176.36	\$	700.00	\$	8,400.00	\$	886.00	\$	10,632.00
115	OFFSET 2" AIR RELEASE VALVE ASSEMBLY W/ MANHOLE	EA	1	\$	10,440.08	\$	10,440.08	\$	23,000.00	\$	23,000.00	\$	14,357.00	\$	14,357.00
116	REMOVE AND REPLACE EXISTING 2" PVC 11FT STATION WATER SERVICE	LS	1	\$	5,429.70	\$	5,429.70	\$	8,000.00	\$	8,000.00	\$	13,751.00	\$	13,751.00
117	FURNISH SEWAGE REMOVAL AND DISPOSAL ALLOWANCE	LS	1	\$	5,000.00	\$	5,000.00	\$	5,000.00	\$	5,000.00	\$	5,000.00	\$	5,000.00
118	SUPPLEMENTAL WORK AUTHORIZATION (USE REQUIRES ADDITIONAL APPROVAL)	LS	1	\$	20,000.00	\$	18,000.00	\$	18,000.00	\$	18,000.00	\$	18,000.00	\$	18,000.00
<b>BASE BID- PART C (ITEM NOS. 97-118)</b>				<b>\$</b>	<b>151,920.41</b>	<b>\$</b>	<b>270,410.00</b>	<b>\$</b>	<b>248,575.00</b>	<b>\$</b>	<b>248,575.00</b>	<b>\$</b>	<b>248,575.00</b>	<b>\$</b>	<b>248,575.00</b>
<b>JEA- PART D- WATER MAIN</b>															
119	MOBILIZATION	LS	1	\$	4,516.05	\$	4,516.05	\$	16,300.00	\$	16,300.00	\$	15,575.00	\$	15,575.00
120	SITE PREPARATION	LS	1	\$	4,155.53	\$	4,155.53	\$	8,240.00	\$	8,240.00	\$	5,950.00	\$	5,950.00
121	MAINTENANCE OF TRAFFIC	LS	1	\$	3,182.50	\$	3,182.50	\$	6,280.00	\$	6,280.00	\$	2,135.00	\$	2,135.00
122	EROSION CONTROL AND POLLUTION ABATEMENT	LS	1	\$	252.00	\$	252.00	\$	6,280.00	\$	6,280.00	\$	700.00	\$	700.00
123	A-3 SAND BACKFILL (CONTINGENCY)	CY	75	\$	48.60	\$	3,500.00	\$	78.00	\$	1,800.00	\$	38.00	\$	2,800.00
124	600 (MATCH EXISTING)	SY	115	\$	18.14	\$	1,854.10	\$	83.00	\$	7,245.00	\$	9.25	\$	1,075.25
125	PAVEMENT REPAIR	SY	27	\$	213.93	\$	5,776.11	\$	78.00	\$	2,106.00	\$	172.00	\$	3,294.00
126	SIDEWALK CONSTRUCTION (4" CONC)	SY	13	\$	226.36	\$	2,942.68	\$	150.00	\$	1,950.00	\$	89.50	\$	1,162.50

TITLE:		DEERWOOD PARK BLVD. ROADWAY AND BRIDGE IMPROVEMENTS				CCC INC			
BID NO	CP-ONLY-18 (PWS)								
103	MAINTENANCE DISPOSAL OF UNDESIRABLE MATERIAL (CONTINGENCY)	CY	60		\$		\$		
104	CONCRETE CURB/CHALK LINE (CONTINGENCY)	CY	60		\$		\$		
105	A-J SAND BACKFILL (CONTINGENCY)	CT	50	\$	31.00	\$	1,050.00		
107	REMOVE EXIST 16" SFM	LF	185	\$	86.00	\$	15,910.00		
108	REMOVE EXIST 2" OFFSET AIR RELEASE VALVE ASSEMBLY W/ MANHOLE	FA	1	\$	3,025.00	\$	3,025.00		
109	MODIFY EXIST SANITARY MANHOLE	EA	1	\$	7,500.00	\$	7,500.00		
110	16" PVC 10M 181 SFM PIPE	LF	190	\$	152.00	\$	28,880.00		
111	16" DI 45 DEGREE BEND	FA	4	\$	3,075.00	\$	12,300.00		
112	16" DI 45 S. DATE VALVE W/ B & C	EA	2	\$	7,467.00	\$	14,934.00		
113	CONNECT TO EXIST 16" SFM W/ DI 45 SLEEVE	FA	2	\$	3,059.00	\$	6,118.00		
114	16" MECHANICAL JOINT RESTRAINTS	FA	12	\$	1,149.00	\$	13,788.00		
115	OFFSET 2" AIR RELEASE VALVE ASSEMBLY W/ MANHOLE	EA	1	\$	13,344.00	\$	13,344.00		
116	REMOVE AND REPLACE EXISTING 2" PVC LIFT STATION WATER SERVICE	LS	1	\$	3,647.00	\$	3,647.00		
117	FURNISH SEWAGE REMOVAL AND DISPOSAL ALLOWANCE	LS	1	\$	8,000.00	\$	8,000.00		
118	SUPPLEMENTAL WORK AUTHORIZATION (USE REQUIRES ADDITIONAL APPROVAL)	LS	1	\$	18,000.00	\$	18,000.00		
<b>TOTAL BID (ITEM NOS. 97-118)</b>				<b>\$</b>	<b>156,259.00</b>				
<b>JEA- PART D- WATER MAIN</b>									
119	MOBILIZATION	LS	1	\$	3,500.00	\$	3,500.00		
120	SITE PREPARATION	LS	1	\$	5,250.00	\$	5,250.00		
121	MAINTENANCE OF TRAFFIC	LS	1	\$	2,800.00	\$	2,800.00		
122	EROSION CONTROL AND POLLUTION ABATEMENT	LS	1	\$	525.00	\$	525.00		
123	A-J SAND BACKFILL (CONTINGENCY)	CT	75	\$	21.00	\$	1,575.00		
124	SOD (MATCH EXISTING)	SY	185	\$	10.00	\$	1,850.00		
125	PAVEMENT REPAIR	SY	27	\$	100.00	\$	2,700.00		
126	SIDEWALK CONSTRUCTION (4" THICK)	SY	13	\$	100.00	\$	1,300.00		

TITLE: DEERWOOD PARK BLVD. ROADWAY AND BRIDGE IMPROVEMENTS				CALLAWAY CONTRACTING, INC.		SUPERIOR CONSTRUCTION COMPANY SOUTHEAST, LLC		J.B. COWELL CONTRACTING, INC.	
BID NO: CP-0635-18 (PWR)									
127	CITY BTL CURB & GUTTER CONST.	LF	10	\$ 184.53	\$ 1,845.30	\$ 29.00	\$ 200.00	\$ 73.00	\$ 730.00
128	36" DI WM PIPE (PUSH-ON JOINTS)	LF	140	\$ 744.78	\$ 34,269.20	\$ 790.00	\$ 119,400.00	\$ 302.00	\$ 42,262.00
129	36" DI MJ PLUG TAPPED 3"	EA	2	\$ 4,801.26	\$ 9,602.52	\$ 2,430.00	\$ 4,800.00	\$ 3,412.00	\$ 6,824.00
130	36" MECHANICAL JOINT RESTRAINTS	EA	12	\$ 1,753.06	\$ 21,036.72	\$ 1,700.00	\$ 20,400.00	\$ 2,615.00	\$ 28,980.00
131	POLYETHYLENE WRAP (30" DI WM)	LF	140	\$ 5.68	\$ 795.20	\$ 30.00	\$ 4,200.00	\$ 6.00	\$ 840.00
132	7" BELOW GRADE FLUSHING VALVE WITH METER BOX	EA	2	\$ 2,447.61	\$ 4,895.22	\$ 3,200.00	\$ 6,400.00	\$ 2,758.00	\$ 4,516.00
133	SUPPLEMENTAL WORK AUTHORIZATION FEE (REQUIRES ADDITIONAL APPROVAL)	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
<b>BASE BID- PART D (ITEM NOS. 119-133)</b>				<b>\$ 107,815.13</b>	<b>\$ 204,801.00</b>	<b>\$ 126,519.75</b>			
<b>JEA- PART E- ELECTRIC</b>									
134	MOBILIZATION	LS	1	\$ 1,897.50	\$ 1,897.50	\$ 1,780.00	\$ 1,780.00	\$ 4,450.00	\$ 4,450.00
135	SITE PREPARATION	LS	1	\$ 14,180.45	\$ 14,180.45	\$ 1,780.00	\$ 1,780.00	\$ 1,700.00	\$ 1,700.00
136	MAINTENANCE OF TRAFFIC	LS	1	\$ 3,162.50	\$ 3,162.50	\$ 1,780.00	\$ 1,780.00	\$ 618.00	\$ 612.00
137	EROSION CONTROL AND POLLUTION ABATEMENT	LS	1	\$ 257.00	\$ 253.00	\$ 1,760.00	\$ 1,768.00	\$ 200.00	\$ 200.00
138	ELECTRIC DIS (FIBER/ROW FEEDER CONCRETE CAP (CONTINGENCY))	SV	100	\$ 209.07	\$ 20,907.00	\$ 225.00	\$ 22,500.00	\$ 120.00	\$ 12,000.00
<b>BASE BID- PART E (ITEM NOS. 134-138)</b>				<b>\$ 40,400.65</b>	<b>\$ 29,620.00</b>	<b>\$ 18,980.00</b>			
<b>TOTAL BASE BID- PART A +B+C+D+E (ITEMS 1-138)</b>				<b>\$ 4,034,700.33</b>	<b>\$ 4,098,933.75</b>	<b>\$ 3,414,557.20</b>			
**CORRECTED TOTAL**									
CONFLICT OF INTEREST				YES		YES		YES	
BID BOND				YES		YES		YES	
JSEB PARTICIPATION				YES		YES		YES	
LICENSED SUBS				YES		YES		YES	
ADDENDUM (S) ACKNOWLEDGED: (1 )				YES		YES		YES	

TITLE: DEERWOOD PARK BLVD ROADWAY AND BRIDGE IMPROVEMENTS			C.C.C., INC.					
BID NO.	CP-0625-10	(PWS)						
127	CITY STD CURB & GUTTER CONST.	LF	10	\$ 60.00	\$ 600.00	\$		\$
128	20" DI BW PIPE (PUSH-IN JOINTS)	LF	140	\$ 273.00	\$ 38,220.00	\$		\$
129	20" DI MJ PLUG TAPPED 2"	EA	2	\$ 5,665.00	\$ 11,330.00	\$		\$
130	20" MECHANICAL JOINT RESTRAINTS	EA	12	\$ 3,122.00	\$ 37,464.00	\$		\$
131	POLYETHYLENE WRAP (20" DI BW)	LF	140	\$ 16.00	\$ 2,240.00	\$		\$
132	2" BELOW GRADE 6" USING VALVE WITH METER BOX	EA	2	\$ 2,067.00	\$ 4,134.00	\$		\$
133	SUPPLEMENTAL WORK AUTHORIZATION (USE REQUIRES ADDITIONAL APPROVAL)	LS	1	\$ 10,000.00	\$ 10,000.00			
<b>BASE BID- PART D (ITEM NOS. 119-133)</b>					<b>\$ 124,798.00</b>			
<b>JEA- PART E- ELECTRIC</b>								
134	MOBILIZATION	LS	1	\$ 1,000.00	\$ 1,000.00	\$		\$
135	SITE PREPARATION	LS	1	\$ 1,500.00	\$ 1,500.00	\$		\$
136	MAINTENANCE OF TRAFFIC	LS	1	\$ 800.00	\$ 800.00	\$		\$
137	EROSION CONTROL AND POLLUTION ABATEMENT	LS	1	\$ 150.00	\$ 150.00	\$		\$
138	ELECTRIC DISTRIBUTION FEEDER CONCRETE CAP (CONTINGENCY)	SY	100	\$ 56.14	\$ 5,614.00	\$		\$
<b>BASE BID- PART E (ITEM NOS. 134-138)</b>					<b>\$ 8,450.00</b>	\$		\$
<b>TOTAL BASE BID- PART A + B + C + D + E (ITEMS 1-138)</b>					<b>\$ 2,961,585.42</b>			
CONFLICT OF INTEREST					YES			
BID BOND					YES			
JSEA PARTICIPATION					JSEA VENDOR			
LICENSED SUBS.					YES			
ADDENDUM IS ACKNOWLEDGED (1)					YES			

Department of Finance and Administration  
Procurement Division

# CITY OF JACKSONVILLE

September 30, 2019

To: Gregory A. Pease, Chief  
Procurement Division

From: Teresa Otto Bocchler, Business Compliance Officer   
Jacksonville Small & Emerging Business Office (JSEB)

Re: CP-0635-19 Deerwood Park Blvd Rdwy and Bridge Improvements

The Equal Business Opportunity (EBO) Office has reviewed the low bidder/proposer for compliance with the Jacksonville Small and Emerging Business (JSEB) program. The successful low bidder/proposer, CGC, Inc., does meet the JSEB criteria for this project. The low bidder/proposer's price for the subject project was **\$2,961,565.42** and the JSEB Participation goal is **10%**. Based upon review of the JSEB schedule of work, the letters of intent, and the areas of certification, the lowest bidders/proposers, meet the goal by utilizing 100% participation to the following JSEBs:

CGC, Inc.	\$2,961,565.42
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Our review efforts are documented and available upon request. Please let us know if you have any questions or concerns. I can be reached at (904) 255-8828.

cc: Marilyn Laidler  
Rose Nettles



September 14, 2021

Mr. Mike Barber  
JEA Joint Projects  
Tower 4

Re: Deerwood Park Blvd. Roadway and Bridge Improvements  
COJ Contract No.: 10449-04  
JEA PO No.:189175  
CGC, Inc. Project No.: C-20-01  
**Cost Proposal – Additional and Overrun Items**

Dear Mr. Barber,

Per your request, CGC, Inc. submits the following cost breakdown for all pay items that overran the plan quantity and new pay items not included in the original schedule of values. This proposal excludes the project delay and irrigation conflict costs per your request (Total of \$41,680.63), however, these costs will still need to be billed separately upon receiving further direction from JEA regarding how the balance will be paid.

**Total Additional Cost = \$21,908.75 (See Attached Breakdown)**

An invoice will be submitted for this amount.

Should you have any questions and/or direction, please contact this office.

Sincerely,

A handwritten signature in blue ink, appearing to read 'R. Cannon Gaskin, Jr.', is written over a horizontal line.

R. Cannon Gaskin, Jr.  
President

CGC, Inc.  
 7036 W. 12th Street  
 Jacksonville, FL 32220  
 PH (904) 783-4119 / FX (904) 783-3401

**Project Name: Deerwood Park Blvd Roadway and Bridge Improvements - JEA**

A ITEM NO.	B DESCRIPTION OF WORK	ESTIMATED QUANTITY	UNIT	UNIT PRICE	C TOTAL ESTIMATED VALUE	D COMPLETED PREVIOUS PERIOD QTY. VALUE	E COMPLETED THIS PERIOD QTY. VALUE	F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED AND STORED TO DATE (D + E + F)
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**Additional and Overrun Pay Items**

A	Remove and Cap Electrical Ductbank	1	LS	\$1,003.75	\$1,003.75		1	\$1,003.75	\$0.00	\$1,003.75
B	Irrigation Conflict	1	LS	\$702.63	\$702.63		0	\$0.00	\$0.00	\$0.00
C	Delay Costs (See Attached Breakdown in Extra Work and Delay Claim #2)	1	LS	\$40,978.00	\$40,978.00		0%	\$0.00	\$0.00	\$0.00
D	Concrete Sidewalk/Driveway Demolition and Disposal (Additional Area Only)	31	SY	\$20.00	\$620.00		31	\$620.00	\$0.00	\$620.00
E	ADA Mats	12	SF	\$50.00	\$600.00		12	\$600.00	\$0.00	\$600.00
OR1	16" DI MJ 45 Degree Bend (EXTRA 2 EACH PER CUC)	2	EA	\$3,075.00	\$6,150.00		2.00	\$6,150.00	\$0.00	\$6,150.00
OR2	Furnish Sewage Removal and Disposal Allowance	1	LS	\$6,715.00	\$6,715.00		1.000	\$6,715.00	\$0.00	\$6,715.00
OR3	Pavement Repair	31	SY	\$100.00	\$3,100.00		31.00	\$3,100.00	\$0.00	\$3,100.00
OR4	Sidewalk Construction (4" Thick)	31	SY	\$100.00	\$3,100.00		31.00	\$3,100.00	\$0.00	\$3,100.00
OR5	City Std. Curb and Gutter Const.	8	LF	\$60.00	\$480.00		8.00	\$480.00	\$0.00	\$480.00
CO1	Change Order #1 Balance	1	LS	\$140.00	\$140.00		1.00	\$140.00	\$0.00	\$140.00
<b>Total</b>					<b>\$63,589.38</b>		<b>\$0.00</b>	<b>\$21,908.75</b>	<b>\$0.00</b>	<b>\$21,908.75</b>



## Formal Bid and Award System

Award #10 December 16, 2021

**Type of Award Request:** SINGLE SOURCE  
**Requestor Name:** Mayer, Andy C. - Manager, Bulk Power Operations  
**Requestor Phone:** (904) 665-7111  
**Project Title:** SAIDI Reduction Program – Fault Current Indicators  
**Project Number:** 8007267  
**Project Location:** JEA  
**Funds:** Capital  
**Award Estimate:** \$1,484,331.00

### Scope of Work:

The scope of work consists of purchasing, configuring and deploying Fault Current Indicators (FCIs) on JEA's electric distribution feeder backbone at various strategic locations throughout the service territory. This is part of JEA's System Average Interruption Duration Index (SAIDI) Reduction Program. JEA previously over several procurements purchased 2,500 units. The items being purchased under this procurement, 547 pieces, will support the current planned completion of the SAIDI program and includes underground FCI's. The FCIs will be configured to communicate and report back over a Verizon Network to an access point where the data will be collected via Real-Time Automation Controllers. The Electric Standards Committee underwent a lengthy review and assessment process in which Sentient Energy Inc.'s solution was established as the JEA Standard based on being compatible with existing JEA equipment and systems, as well as being the most cost effective means to safely maintain the highest level of system availability and reliability. This purchase will complete the SAIDI project, however, future needs may be identified.

**Purchasing Agent:** Lovgren, Rodney Dennis

**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
SENTIENT ENERGY INC.	Jim Lynch	jlynch@sentient-energy.com	880 Mitten Rd, Burlingame, CA 94010	(281) 468-1633	\$1,333,641.00

**Award Amount:** \$1,333,641.00  
**Amount to Spend this Fiscal Year:** \$1,333,641.00  
**Length of Contract/PO Term:** Project Completion  
**Begin Date (mm/dd/yyyy):** 12/22/2021  
**End Date (mm/dd/yyyy):** Project Completion (Estimated: August 2022)  
**JSEB Requirement:** N/A – Optional

### Background/Recommendations:

In March of 2018 Sentient FCI was selected as a JEA Standard by the Electric Standards Committee.

This award request is to purchase the following scope of supply from the standardized Sentient family of products.

Sentient Item Description	Qty.	JEA Unit Price if Purchased Before 12/31/2021 (FCI)	JEA's Ext. Price	January 2022 Prices (FCI)
UM3 (underground 3 phase monitor)	147	\$5,985.00	\$879,795.00	\$6,595.00
ZM1 – Low Amp Sensor	30	\$895.00	\$26,850.00	\$995.00
MM3 – Master Monitor	360	895.00	\$322,200.00	\$1,045.00
UM3, Underground Monitor 6 phase	10	\$9,495.00	\$94,950.00	\$9,895.00
VZN SIM Cards	547	\$5.00	\$2,735.00	\$5.00
Shipping	547	\$13.00	\$7,111.00	\$13.00
<b>Total (FCI units – there is a Sim Card / unit)</b>	<b>547</b>		<b>\$1,333,641.00</b>	<b>\$1,484,331.00</b>

When comparing the FCI list prices if this purchase is made prior to the end of the calendar year and booking the order December 2021, results in an estimated \$150,690.00 cost avoidance. The scope was planned for purchase in January 2022 at the quote price at \$1,484,311.00. Post January 2022, Sentient notes all products are to be repriced due to market conditions, supplier notes at least another 10% increase. JEA will still receive discount off list once new list price is established. Unit prices are fixed through delivery, payment terms are upon delivery. All deliveries are to be completed prior to the end of FY22.

Additionally, this purchase provides JEA with an estimated \$60,000.00 in fleet software / firmware upgrades.

Request approval to award a contract to Sentient Energy Inc. for the SAIDI Reduction Program in amount of \$1,333,641.00, subject to the availability of lawfully appropriated funds.

**Director:** Baker, W. Garry - Director Bulk Power Systems

**VP:** Erixton, Ricky D. - VP Electric Systems

**APPROVALS:**

Stephen Datz 12/16/21  
**Chairman, Awards Committee** **Date**

Laure A Whitmer 12/20/21

**Budget Representative** **Date**



# *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:**

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2. **Description of Services or Supplies provided by Vendor:**

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**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: \_\_\_\_\_

OR

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

  
\_\_\_\_\_  
**Signature of JEA Business Unit Manager**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**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.**



## Standardization Request / Approval Form

To: Standardization Committee

From: Bulk Power Operations

Date: March 14, 2018

In accordance with the JEA Purchasing Code and the Operational Procedure, I hereby request the following item(s)/parts/goods/service or specifications be approved as a standard: (List applicable name, Component tag #, manufacturer, model #, stock or non-stock item, etc.)

**DESCRIPTION:** The Sentient Intelligent Sensor/Fault Current Indicator (FCI) targets no current and low current grid locations such as overhead laterals, where 80% of transient and sustained faults originate. The Sentient FCI supports utilities' efforts to reduce outage duration while also providing monitoring, reporting, and analyses of transient faults, in order to help identify and mitigate causes and avoid future outages. The Sentient product is the ONLY FCI capable of communicating at 4G speeds. The Sentient is also capable of communicating as part of a mesh style network. The voltage range for the Sentient FCI is 0-35kV, conductor diameter is .16" to 1.03", and the operating environment is -40°F to +158°F. Pilot project utilizing the Sentient FCI successfully completed in February 2018. JEA item ID is FCIOH001 and Sentient part number is MM3CLL2.

### Justification for Standardization:

Please check all that apply:

- The item requested must be obtained from the Original Equipment Manufacturer due to the criticality of the item or compatibility with existing equipment currently in operation or use within the JEA system.
- The item requested is only available from one source.
- This item is the most cost effective means to safely maintain the highest level of system availability & reliability
- The item purchase lead time/delivery is critical for continuous system operation.
- The item is used in large numbers throughout the JEA system.
- The item requested will provide documented long reliable service life at a lower life cycle cost.
- The item requested has better availability and delivery time, which is necessary for the particular application.
- Other (Please explain) \_\_\_\_\_

Attach calculations/justification or other documentation for all items checked.

The above guidelines are to provide a general rationale for the Standardization process but in no way shall they be interpreted as limiting either its provisions or applications. Each individual committee holds the ultimate authority in determining justification for each item standardization.

Standardization Committee Approval

Date March 14, 2018



## Formal Bid and Award System

Award # 11 December 16, 2021

**Type of Award Request:** PROPOSAL (RFP)  
**Request #:** 261  
**Requestor Name:** Maywood, Jonathan W. – Staff Engineer  
**Requestor Phone:** (904) 665-8512  
**Project Title:** Steel Pole and Caissons for Circuit 663 Rebuild  
**Project Number:** 8006126  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$800,000.00

### Scope of Work:

JEA is soliciting Proposals for the design, fabrication, and delivery of steel transmission poles and caisson foundations for the Circuit 663 Rebuild project, Structures #1A, 3, 4, 5, 52, 61, 72, 73, 74, 75, and 93, and Circuit 646 Structure #1. (the "Work" or "Services").

The scope of services the company will provide includes, however, is not limited to:

- Equipment Design
- Equipment Engineering
- Materials procurement
- Fabrication
- Drawings
- Delivery

Equipment Delivery: Between May 2 and May 6, 2022, JEA is bidding out the construction and installation services of the equipment and other related project construction services, which are expected to be completed by the end of December 2022.

**JEA IFB/RFP/State/City/GSA#:** 1410462046  
**Purchasing Agent:** Lovgren, Rodney  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
DIS-TRAN STEEL LLC	Tye Roberts	tye.roberts@distran.com	4725 HWY 28E Pineville, LA 71360	(318) 767-5665	\$953,934.00

**Amount for entire term of Contract/PO:** \$953,934.00  
**Award Amount for remainder of this FY:** \$953,934.00  
**Length of Contract/PO Term:** One Time Purchase (06/14/2022)  
**Begin Date (mm/dd/yyyy):** 12/22/2021  
**End Date (mm/dd/yyyy):** 06/14/2022  
**JSEB Requirement:** Optional

**Comments on JSEB Requirements:**

N/A – Optional

**PROPOSERS:**

Name	Total Bid Price
DIS-TRAN STEEL LLC	\$953,934.00
MEYER UTILITY STRUCTURES LLC	\$989,315.00
VALMONT NEWMARK INC.	\$1,232,474.00
CHM INDUSTRIES INC.	\$1,198,959.40
SABRE INDUSTRIES INC.	\$1,307,304.00
SUMMIT UTILITY STRUCTURES LLC	\$1,567,882.00

**Background/Recommendations:**

Advertised on 10/25/2021. Five (5) prime companies attended the optional pre-proposal meeting held on 10/28/2021. At proposal opening on 12/07/2021, JEA received 6 Proposals. The companies were approved manufacturers and evaluated on price, work approach and safety. Dis-Tran Steel LLC is the lowest priced, responsive and responsible proposing company. A copy of the proposal is attached as backup.

When comparing the award amount to the Budget Estimate there is an approximate 19.2% increase in price which is deemed reasonable considering current market conditions. The budget for this material was developed in FY21 when material & manufacturing costs were lower than today. Additional funds are from contingency in estimated OPB and have been trended into this project.

1410462046 – Request approval to award a contract to Dis-Tran Steel LLC in the amount of \$953,934.00 for Steel Poles & Caissons services, subject to the availability of lawfully appropriated funds.

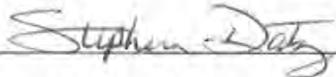
**Manager:** Hamilton, Darrell – Mgr Transmission and Substation Projects

**Director:** Limbaugh, Margaret – Director Energy Project Management

**Sr. Director:** Acs, Gabor - Director Electric T&D Projects

**VP:** Erixton, Ricky D. - VP Electric Systems

**APPROVALS:**

 12/16/21

**Chairman, Awards Committee** **Date**

 12/20/21

**Budget Representative** **Date**

Appendix B - Bid Form  
1410462046 Steel Transmission Poles and Caissons for the  
Circuit 663

Submit a pdf of this bid form on the sourcing platform.

Company Name: DIS-TRAN STEEL, LLC

Company's Address 4725 HWY 28E PINEVILLE, LA 71360

License Number: \_\_\_\_\_

Phone Number: 318-767-5665 FAX No: \_\_\_\_\_ Email Address: DTSTEEL@DISTRAN.COM

**BID SECURITY REQUIREMENTS**

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

**TERM OF CONTRACT**

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

**SAMPLE REQUIREMENTS**

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

**SECTION 255.05, FLORIDA STATUTES CONTRACT BOND**

- None required  
 Bond required 100% of Bid Award

**QUANTITIES**

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

**INSURANCE REQUIREMENTS**

**Insurance required**

**PAYMENT DISCOUNTS**

- 1% 20, net 30  
 2% 10, net 30  
 Other \_\_\_\_\_  
 None Offered

Description of Services	TOTAL BID PRICE
Total Bid Price from Page 2 of the Bid Form	\$ \$953,934.00

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

**BIDDER CERTIFICATION**

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

We have received addenda

1 through 2

*Callie Lohman*

Handwritten Signature of Authorized Officer of Company or Agent

12/6/2021

Date

CALLIE LOHMAN - ENGINEERING MANAGER

Printed Name and Title

## PROJECT: Steel Transmission Poles and Caissons for the Circuit 663

Bid Item No.	Standard Design No.	Structure No.	Total Length	Required Quantity	Unit Price	Extended Bid Price
1	A1241C	#1A	75'	1	\$ \$37,860	\$ \$37,860
2	A1244C	#3	85'	1	\$ \$64,667	\$ \$64,667
3	A1251	#4	105'	1	\$ \$17,944	\$ \$17,944
4	A6221	#5	105'	1	\$ \$17,944	\$ \$17,944
5	A1241C	#52	80'	1	\$ \$39,308	\$ \$39,308
6	A1244C	#61	80'	1	\$ \$66,707	\$ \$66,707
7	A1244C	#72	80'	1	\$ \$56,076	\$ \$56,076
8	A1244C	#73	85'	1	\$ \$55,419	\$ \$55,419
9	A1244C	#74	90'	1	\$ \$69,494	\$ \$69,494
10	A1244C	#75	90'	1	\$ \$80,875	\$ \$80,875
11	A12462	#92	65'	1	\$ \$30,718	\$ \$30,718
12	A12462	#646-1	70'	1	\$ \$36,813	\$ \$36,813
13	CAISSON	#1A	34'	1	\$ \$29,510	\$ \$29,510
14	CAISSON	#3	50'	1	\$ \$60,912	\$ \$60,912
15	CAISSON	#52	32'	1	\$ \$24,355	\$ \$24,355
16	CAISSON	#61	41'	1	\$ \$49,552	\$ \$49,552
17	CAISSON	#72	34'	1	\$ \$35,089	\$ \$35,089
18	CAISSON	#73	33'	1	\$ \$33,890	\$ \$33,890
19	CAISSON	#74	33'	1	\$ \$43,140	\$ \$43,140
20	CAISSON	#75	41'	1	\$ \$51,136	\$ \$51,136
21	CAISSON	#92	32'	1	\$ \$22,906	\$ \$22,906
22	CAISSON	#646-1	32'	1	\$ \$28,815	\$ \$28,815
24	N/A	Corrocote	N/A	3 Gallons	\$ 804	\$ 804
25	Freight for all materials (FOB: Destination)					\$ INCLUDED
					Total	\$ 953,934

I (we) agree to provide approval drawings within 77 calendar days after receipt of the “notice to proceed” / purchase order.

And I (we) agree to complete deliveries of all items within 49 calendar days after the approval of the design calculations and approval drawings.

SIGNED FOR BIDDER: Callie Lohman  
TITLE: ENGINEERING MANAGER



## Formal Bid and Award System

Award #12 December 16, 2021

**Type of Award Request:** CONTRACT INCREASE  
**Requestor Name:** Del Orbe, Zasha D. - Mgr Wastewater Treatment and Reuse - South  
**Requestor Phone:** 904-665-7917  
**Project Title:** Residuals Hauling and Disposal  
**Project Number:** Various  
**Project Location:** JEA  
**Funds:** O&M  
**Budget Estimate:** \$924,690.51

**Scope of Work:**

JEA requires the services of a Contractor to remove residuals and sludge cake from the various water reclamation facilities (WRFs), and other facilities within the JEA service area, including hauling and disposal at one of three locations:

- 1) Buckman Water Reclamation Facility for further processing;
- 2) Several Contractor permitted and regulatory approved land application sites; or
- 3) Landfill disposal

**JEA IFB/RFP/State/City/GSA#:** 073-18  
**Purchasing Agent:** Kruck, Dan  
**Is this a Ratification?:** NO

**RECOMMENDED AWARDEE(S):**

Name	Contact Name	Email	Address	Phone	Amount
MERRELL BROS, INC.	Blake Merrell	blake@merrellbros.com	8811 W 500 N Kokomo, IN 46901	(765) 438- 5299	\$924,690.51

**Amount of Original Award:** \$3,291,555.20  
**Date of Original Award:** 05/10/2018  
**Change Order Amount:** \$924,690.51

**List of Previous Change Order/Amendments:**

CPA #	Amount	Date
174352	\$329,155.52	11/23/2021

**New Not-To-Exceed Amount:** \$4,545,401.23  
**Length of Contract/PO Term:** Five (5) Years w/One (1) – 1 Yr. Renewal  
**Begin Date:** 05/18/2018  
**End Date:** 05/17/2023  
**Renewal Options:** YES – One (1) – 1 Yr. Renewal  
**JSEB Requirement:** N/A – Optional

**Background/Recommendations:**

Originally approved by Awards Committee on 05/10/2018 in the amount of \$3,291,555.20 to Merrell Bros, Inc. A copy of the original award is attached as backup. An administrative contract increase was approved on 11/23/2021 to allow work to continue while pricing was finalized for the remainder of the contract.

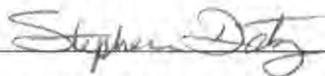
This request is for a contract increase for residuals hauling and disposal from various JEA sites to an allowed disposal site. Merrell Bros, Inc. contacted JEA requesting a rate increase based on the trucking consumer price index (CPI) in October. The trucking CPI at that time represented 16.82% increase. JEA and Merrell Bros, Inc. agreed to a 14.86% rate increase instead of the full trucking CPI increase. The updated pricing is attached for reference. The award amount is the adjusted budget amount for hauling services with Merrell Bros, Inc.

Request approval to award a contract increase to Merrell Bros, Inc. for residuals hauling and disposal in the amount of \$924,690.51, for a new not-to-exceed amount of \$4,545,401.23, subject to the availability of lawfully appropriated funds.

**Director:** Sgambettera, John J. - Dir WW & Reuse Treatment

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

**APPROVALS:**

 _____	12/16/21
<b>Chairman, Awards Committee</b>	<b>Date</b>
 _____	12/20/21
<b>Budget Representative</b>	<b>Date</b>



## Formal Bid and Award System

CPA 174352

Award #5 May 10, 2018

**Type of Award Request:** Invitation to Negotiate (ITN)  
**Request #:** 6167  
**Requestor Name:** Sgambettera, John J. - Mgr, WW Treatment Reuse North  
**Requestor Phone:** (904) 665-7916  
**Project Title:** Residuals Hauling and Disposal  
**Project Number:** 30131, 30132, 30133, 30135, 30140  
**Project Location:** JEA  
**Funds:** O&M  
**Award Estimate:** \$3,731,035.00

**Scope of Work:**

JEA requires the services of a Contractor to remove residuals and sludge cake from the various water reclamation facilities (WRFs), and other facilities within the JEA service area, including hauling and disposal at one (1) of three (3) locations; 1) the Buckman Water Reclamation Facility for further processing, 2) to several Contractor permitted and regulatory approved land application sites, or 3) landfill disposal.

**JEA IFB/RFP/State/City/GSA#:** 073-18  
**Purchasing Agent:** Lovgren, Rodney Dennis  
**Is this a Ratification?:** NO

**RECOMMENDED AWARDEE(S):**

Name	Address	Phone	Amount
MERRELL BROS., INC.	8811 W 500 N Kokomo IN 46901	(800) 663-8830	\$3,291,555.20

**Amount for entire term of Contract/PO:** \$3,291,555.20  
**Award Amount for remainder of this FY:** \$329,155.52  
**Length of Contract/PO Term:** Five (5) Years w/One (1) – 1 Yr. Renewal  
**Begin Date (mm/dd/yyyy):** 05/18/2018  
**End Date (mm/dd/yyyy):** 05/17/2023  
**Renewal Options:** YES – One (1) – 1 Yr. Renewal  
**JSEB Requirement:** N/A - Optional JSEB  
**BIDDERS:**

Name	Original Amount	Original Rank	BAFO Amount	BAFO Rank	Disqualified
MERRELL BROS, INC.	\$3,291,555.20	1	\$3,291,555.20	1	NO
H&H LIQUID SLUDGE DISPOSAL, INC.	\$3,731,069.54	2	\$3,730,415.53	2	NO
BDS LLC	\$3,983,116.34	3	N/A	N/A	N/A
WATER RECOVERY LLC	\$4,236,174.00	4	N/A	N/A	N/A
PRO LIME	\$4,664,979.00	5	N/A	N/A	N/A

**Background/Recommendations:**

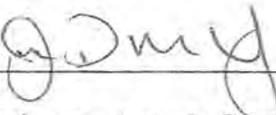
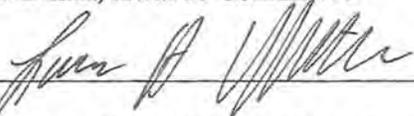
Advertised 03/05/2018. Eight (8) vendors attended the optional pre-response meeting on 03/20/2018. At Bid opening on 04/03/2018, JEA received five (5) responses. Merrell Bros and H&H were invited to submit Best and Final Offers (BAFO) on 04/20/2018. Merrell Bros is deemed the lowest responsible and responsive Respondent. A copy of the Response Form and Workbook is attached as backup.

When comparing Merrell Bros new rates with their current contract, the rates decreased by an average of thirteen percent (13%). This represents a savings of \$503,823.21 over the five (5) year life of the contract. The rates are fixed through the first three years of the Contract. Thereafter, the Company may request a CPI adjustment annually.

073-18 - Request approval to award a five (5) year contract to Merrell Bros., Inc. to remove residuals and sludge cake from the various WRF and haul and dispose in the amount of \$3,291,555.20, subject to the availability of lawfully appropriated funds.

**Director:** Calhoun Jr., Deryle I. - Dir, Water, Wastewater & Reuse Treatment  
**VP:** Roche, Brian J. - VP/GM Water Wastewater Systems

**APPROVALS:**

	5-10-18
Chairman, Awards Committee	Date
	5/10/18
Manager, Capital Budget Planning	Date

**073-18 ADDEDNUM 4, BAFO - APPENDIX B BID FORM  
RESIDUALS HAULING AND DISPOSAL SERVICES FOR JEA**

Submit an an electronic copy (PDF) of the the Bid Form, along with an excel version of the BAFO Bid Workbook to: lovgrd@jea.com by April 20, 2018, 12:00 PM NOON (EST).

Company Name: MERRELL BRO S.,INC.

Company's Address 8811 WE S BOO NORTH, KOKOMO, IN 46901

License Number CBC1260959

Phone Number: (574) 699.7782 FAX No: (574) 699.7478 Email Address: blake@merrellbros.com

<b>BID SECURITY REOUREMENTS</b> <input checked="" type="checkbox"/> None required <input type="checkbox"/> Certified Check or Bond Five Percent (5%)	<b>TERM OF CONTRACT</b> <input type="checkbox"/> One Time Purchase <input checked="" type="checkbox"/> Annual Requirements – Five (5) Yrs w/One (1) – 1 Yr. Renewal <input type="checkbox"/> Other, Specify- Project Completion
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<b>SAMPLE REQUIREMENTS</b> <input checked="" type="checkbox"/> None required <input type="checkbox"/> Samples required prior to Response Opening <input type="checkbox"/> Samples may be required subsequent to Bid Opening	<b>SECTION 255.05, FLORIDA STATUTES CONTRACT BOND</b> <input checked="" type="checkbox"/> None required <input type="checkbox"/> Bond required 100% of Bid Award
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<b>QUANTITIES</b> <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.	<b>INSURANCE REQUIREMENTS</b>  <p align="center"><b>Insurance required</b></p>
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**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	<b>Total Bid Price (from the Bid Workbook)</b>	\$ <u>3,291,555.20</u>

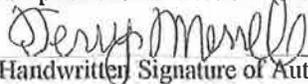
I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

**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 4


04.16.2018  
 \_\_\_\_\_  
 Handwritten Signature of Authorized Officer of Company or Agent Date

TERRY MERRELL, CHIEF FINANCIAL OFFICER  
 Printed Name and Title

**073-18 BAFO - Appendix B Bid Workbook  
Residuals hauling and disposal services**

Item	Enter Your Bid for the Following Described Articles or Services	UOM	Approx. Annual volume	Term in Years	Forecast based on Term	Unit Price	Extended Price
1	Residuals to Buckman from Mandarin WRF	Gallons	10,369,497	5	51,847,485	\$ 0.02970	\$ 1,539,870.30
2	Residuals to Buckman from JCP	Gallons	2,064,573	5	10,322,865	\$ 0.02970	\$ 306,589.09
3	Residuals to Buckman from Ponce de Leon	Gallons	294,000	5	1,470,000	\$ 0.02970	\$ 43,659.00
4	Residuals to Buckman from Ponte Vedra	Gallons	1,440,000	5	7,200,000	\$ 0.02970	\$ 213,840.00
5	Residuals to Buckman from Nassau	Gallons	3,868,800	5	19,344,000	\$ 0.02970	\$ 574,516.80
6	Residuals to Landfill - Monterey (CAKE)	Tons	269	5	1,345	\$ 39.00	\$ 52,455.00
7	Residuals to Landfill - Blacks Ford (CAKE)	Tons	2,875	5	14,375	\$ 39.00	\$ 560,625.00
<b>TOTAL (for lines 1 through 3 above - Enter this Amount on the Bid Form)</b>							<b>\$ 3,291,555.20</b>

\*\* JEA intent is for the line 1 - 5 gallons hauling to Buckman to continue for the full term of the contract

\*\*\* JEA intends to have work on line 6 & 7 continue for first year of the contract. JEA may opt out line 6 & 7 after year 1

**Bid Unit Price Discount for Year 2 continuance of lines 6&7 cake hauling**

**Bid Unit Price Discount for Year 3 continuance of lines 6&7 cake hauling**

**Bid Unit Price Discount for Year 4 continuance of lines 6&7 cake hauling**

**Bid Unit Price Discount for Year 5 continuance of lines 6&7 cake hauling**

0%	\$	-
0%	\$	-
0%	\$	-
0%	\$	-

Total Evaluated Bid Price (the higher the discount a company bids in the renewal years, the lower their total evaluated price - Award evaluation will be made on this amount)

\$	3,291,555.20
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**Residual Hauling - Merrell Bros., Inc. - CPA 174352**

<b>From</b>	<b>To</b>	<b>UOM</b>	<b>Old Rate</b>	<b>New Rate</b>
Mandarin	Buckman	Gallons	\$ 0.0297	\$ 0.0341
JCP	Buckman	Gallons	\$ 0.0297	\$ 0.0341
Ponce de Leon	Buckman	Gallons	\$ 0.0297	\$ 0.0341
Ponte Vedra	Buckman	Gallons	\$ 0.0297	\$ 0.0341
Nassau	Buckman	Gallons	\$ 0.0297	\$ 0.0341
Monterey	Landfill	Tons	\$ 39.00	\$ 44.79
Blacks Ford	Landfill	Tons	\$ 39.00	\$ 44.79



## Formal Bid and Award System

Award #13 December 16, 2021

**Type of Award Request:** RENEWAL  
**Requestor Name:** Barry, Jay - Mgr Water Treatment  
**Requestor Phone:** (904) 665-7815  
**Project Title:** Sodium Hypochlorite  
**Project Number:** Various  
**Project Location:** JEA  
**Funds:** O&M  
**Budget Estimate:** \$1,905,090.77 (Budget Amount)

**Scope of Work:**

The purpose of this Invitation to Negotiate (ITN) is to solicit competitive bids from a supplier that can reliably supply sodium hypochlorite for use in the water treatment, wastewater treatment and power generation facility water treatment plants. The Company shall be responsible to delivery with smaller tankers (tank attached to truck), where full size tankers cannot deliver due to space considerations.

**JEA IFB/RFP/State/City/GSA#:** 020-17  
**Purchasing Agent:** Brown, Darriel D.  
**Is this a Ratification?:** NO

**RECOMMENDED AWARDEE(S):**

Name	Contact Name	Email	Address	Phone	Amount
ALLIED UNIVERSAL CORPORATION	Dave Adams	davea@allieduniversal.com	3901 NW 115 Ave, Miami FL 33178	(305) 888-2623	\$1,905,090.77

**Amount of Original Award:** \$8,909,000.00  
**Date of Original Award:** 02/09/2017  
**Change Order Amount:** \$1,905,090.77  
**New Not-To-Exceed Amount:** \$10,814,090.77  
**Length of Contract/PO Term:** Five (5) Years w/One (1) – 1 Yr. Renewal  
**Begin Date:** 03/16/2017  
**End Date:** 03/15/2023  
**Renewal Options:** None remaining  
**JSEB Requirement:** N/A – Specialty services

**Background/Recommendations:**

Originally approved by the Awards Committee on 02/09/2017 in the amount of \$8,909,000.00. A copy of the award document is attached for reference.

JEA is exercising the option for a one year renewal with Allied Universal Corporation. The market prices for sodium hypochlorite have increased significantly during 2021. JEA has determined it is in its best interest to renew with this price increase vs. going to market. JEA will see a 40% increase for the one-

year renewal term (from \$0.619/gal to \$0.869/gal) due to nationwide shortages of this chemical, as well as supply chain disruptions noted as the main drivers for this price increase. JEA researched market conditions and determined that this pricing was reasonable compared to the options for going to bid, with the likelihood of chlorine prices increasing more dynamically. It should also be noted, there is limited competition in the current chlorine market which was the case during the time of the original award. There is also increased chemical usage at JEA, due to increases at the Greenland and Main Street Water Treatment Plants, which was taken into account when calculating the award amount.

Request approval to award a contract renewal increase to Allied Universal Corporation for sodium hypochlorite in the amount of \$1,905,090.77, for a new not-to-exceed of \$10,814,090.77, subject to the availability of lawfully appropriated funds.

**Director:** Wagoner, Bryan L. - Dir Water Operations & Treatment Support Services

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

**APPROVALS:**

<u>Stephen Doty</u>	<u>12/16/21</u>
<b>Chairman, Awards Committee</b>	<b>Date</b>
<u>Laure A Whitmer</u>	<u>12/20/21</u>
<b>Budget Representative</b>	<b>Date</b>



## Formal Bid and Award System

Award #3 February 9, 2017

**Type of Award Request:** INVITATION TO NEGOTIATE (ITN)  
**Request #:** 1746  
**Requestor Name:** Arnold, A. Shawn - Manager, W/WW System Operations  
**Requestor Phone:** (904) 665-5651  
**Project Title:** SODIUM HYPOCHLORITE  
**Project Number:** 30122  
**Project Location:** JEA  
**Funds:** O&M  
**Award Estimate:** \$8,000,000.00 (historical five (5) year spend)  
**Scope of Work:**

The purpose of this Invitation to Negotiate (ITN) is to solicit competitive bids from a supplier that can reliably supply sodium hypochlorite for use in the water treatment, wastewater treatment and power generation facility water treatment plants. The Company shall be responsible to delivery with smaller tankers (tank attached to truck), where full size tankers cannot deliver due to space considerations.

**JEA IFB/RFP/State/City/GSA#:** 020-17  
**Purchasing Agent:** Lovgren, Rodney Dennis  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
ALLIED UNIVERSAL CORPORATION	Cristhianne Munguia	cristhiannem@allieduniversal.com	3901 NW 115 Avenue, Miami FL 33178	(305) 888-2623	\$8,909,000.00

**Amount for entire term of Contract/PO:** \$8,909,000.00  
**Award Amount for remainder of this FY:** \$1,350,000.00  
**Length of Contract/PO Term:** Five (5) Years w/One (1) – 1 Yr. Renewal  
**Begin Date (mm/dd/yyyy):** 03/01/2017  
**End Date (mm/dd/yyyy):** 02/28/2022  
**Renewal Options:** YES – One (1) – 1 Yr. Renewal  
**JSEB Requirement:** N/A – Specialty services  
**Comments on JSEB Requirements:** No JSEB Available

**BIDDERS:**

Name	Amount	BAFO Amount	Rank
ALLIED UNIVERSAL CORPORATION	\$8,982,700.00	\$8,909,000.00	1
ODYSSEY MANUFACTURING CO	\$9,031,600.00	\$9,031,600.00	2

**Background/Recommendations:**

Advertised 12/14/2016. At Response opening on 01/10/2017, JEA received two (2) Responses. On 1/24/2017, Allied Universal and Odyssey were requested to submit Best and Final Offers (BAFO) based on price only. Allied Universal, Inc. is the lowest price and most responsible and responsive Respondent. The evaluation summary matrix and BAFO Response Workbook is attached as back-up. It should be noted there are only a few companies that supply these chemicals in bulk in the geographic area.

When comparing current pricing with proposed pricing, the incumbent Allied Universal decreased their price by 1.6%, for a total forecast cost savings of \$141,920.00. The bulk delivery price reduced by \$.008 per gallon, from \$.588 to \$.580 per gallon, which makes up more than ninety-five percent (95%) of the total spend. The partial delivery price reduced by \$.048 per gallon, from \$.688 to \$.64 per gallon. The drum deliveries remained the same at \$99.50 per drum. The BAFO savings of \$73,700.00 provided over fifty percent (50%) of the total forecast cost savings, over the five (5) year term. The pricing will remain fixed through year three (3), and allows for an annual price adjustment based on fuel and CPI for fifty percent (50%) of the unit price, in years four (4) and five (5).

020-17 – Request approval to award a five (5) year contract to Allied Universal Corporation for the purchase and delivery of Sodium Hypochlorite in the amount of \$8,909,000.00, subject to the availability of lawfully appropriated funds.

**Director:** Calhoun Jr., Deryle I. - Dir, Water, Wastewater & Reuse Treatment  
**VP:** Roche, Brian J. - VP/GM Water Wastewater Systems

**APPROVALS:**

 2/9/17  
Chairman, Awards Committee Date

 2/9/17  
Manager, Capital Budget Planning Date

## Appendix B - Bid Workbook

### 020-17 - BAFO REQUEST APPENDIX B BULK LIQUID SODIUM HYPOCHLORITE SUPPLY BID WORKBOOK

#	Product Type (Tanker, Partial, Drum)	DELIVERY LOCATION	LOCATION TYPE	UOM	Minimum Order Quantity	5 year Qty	Unit Price	Extended Price
1	Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	Northside Generating Station	Power Gen	Gallon	500 gallons	2,350,000.00	\$ 0.58	\$ 1,363,000.00
2	Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	St. John's River Power Park (SJRPP)	Power Gen	Gallon	500 gallons	105,000.00	\$ 0.58	\$ 60,900.00
3	Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	Brandy Branch	Power Gen	Gallon	500 gallons	1,000,000.00	\$ 0.58	\$ 580,000.00
4	Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	Arlington East	Water Treatment	Gallon	500 gallons	5,000.00	\$ 0.58	\$ 2,900.00
5	Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	Buckman	Water Treatment	Gallon	500 gallons	2,000,000.00	\$ 0.58	\$ 1,160,000.00
6	Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	Mandarin	Water Treatment	Gallon	500 gallons	5,000.00	\$ 0.58	\$ 2,900.00
7	Sodium Hypochlorite, ANSI / NSF 60 certified	SJRPP	Power Gen	Drum (55 gallon)	1 drum	200.00	\$ 99.50	\$ 19,900.00
8	Sodium hypochlorite, ANSI/NSF 60certified, low contaminant levels,tank truck	All Water Treatment Plants	Water Treatment	Gallon	500 gallons	9,250,000.00	\$ 0.58	\$ 5,365,000.00
9	Sodium hypochlorite, ANSI/NSF 60certified, low contaminant levels, (partial loads / route trucks)	Nortside Generating Station and Water Treatment Plants	Power Gen and Water Treatment	Gallon	100 gallons	500,000.00	\$ 0.64	\$ 320,000.00
10	<u>Emergency Deliveries</u> - Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	Location to be Provided upon call out	Water Treatment	Gallon	500 gallons	25,000.00	\$ 0.58	\$ 14,500.00
11	Sodium hypochlorite, ANSI/NSF 60certified, low contaminant levels	north grid location, south grid locations	Water Treatment	Drum (55 gallon)	1 Drum	200.00	\$ 99.50	\$ 19,900.00
<b>Total Five Year Bid Price (enter this amount on Page 1 of the Bid Form)</b>								\$ 8,909,000.00



Building Community®  
Procurement Bid Office  
Customer Center 1<sup>st</sup> Floor, Room 002  
21 W. Church Street  
Jacksonville, Florida 32202

January 18, 2017

ADDENDUM NUMBER: THREE (3)

TITLE: BULK LIQUID SODIUM HYPOCHLORITE SUPPLY

JEA ITN NUMBER: 020-17

RESPONSE DUE DATE: January 24, 2017

TIME OF RECEIPT: 12:00 PM (NOON) by email to: lovgrd@jea.com

**THIS ADDENDUM IS FOR THE PURPOSE OF MAKING THE FOLLOWING CHANGES OR CLARIFICATIONS:**

**BAFO RESPONSE:** The Respondent shall submit their Best and Final Offer (BAFO) electronically in PDF version, by email to: lovgrd@jea.com, on or before January 24, 2017, 12:00 PM noon. JEA will use the email time stamp as receipt. Respondents that do not submit a Best and Final Offer, will have their initial submission used for final ranking determination. Please note pricing may not be increased in the submission of the Best and Final Offer.

**ADD: PRICE ADJUSTMENT**

**JEA is adding the following price adjustment clause to the solicitation.**

Contract prices for the Work will remain fixed through the first three (3) years of the Contract. Thereafter, the Company may request a Fuel Price Index Adjustment annually with the following methodology; 10% of the unit price per item on the Bid Workbook may be adjusted annually, 40% of the unit price may be adjusted by the Consumer Price Index (index provided below), 50% of the unit price shall remain fixed for the life of the contract. Each request for a Price Adjustment, after the three (3) year fixed period, may be made within thirty (30) days after the completion of each year from the date (Anniversary Date).

All indices shall be based dated the on the Contract execution date.

**For the 10% fuel component the following index shall be used.**

<http://www.eia.gov/petroleum/gasdiesel/>

Lower Atlantic (PADDIC)

**For the 40% Price component the following index shall be used.**

The Price Adjustment index will be CPI: CUUR0000SA0

**50% of the Unit Price shall remain fixed for the life of the contract.**

When a price adjustment request is issued to the Company, JEA will recognize the price adjustment within thirty (30) days after the Anniversary Date. No Retroactive price adjustments will be allowed.

Unless the Company and JEA make other agreements, the annual price adjustment for the Contract shall be in accordance with the above listed priced adjustment methodology.

In the event the applicable price index publication ceases, the Company and JEA shall mutually agree on a replacement index. If the Company and JEA fail to agree on a replacement index, the Contract shall terminate effective on the next Anniversary Date.



**Appendix B - Bid Workbook**

**020-17 - BAFO REQUEST APPENDIX B BULK LIQUID SODIUM HYPOCHLORITE SUPPLY BID WORKBOOK**

#	Product Type (Tanker, Partial, Drum)	DELIVERY LOCATION	LOCATION TYPE	UOM	Minimum Order Quantity	5 year Qty	Allied Universl BAFO Unit Price	Allied Universal BAFO Extended Price	Allied Universal Original Amount	Allied Universal Original Extended Price	Allied Universal Current Price	Allied Universal Extended Price
1	Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	Northside Generating Station	Power Gen	Gallon	500 gallons	2,350,000.00	\$ 0.580	\$ 1,363,000.00	\$ 0.585	\$ 1,374,750.00	0.588	1,381,800.00
2	Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	St. John's River Power Park (SJRPP)	Power Gen	Gallon	500 gallons	105,000.00	\$ 0.580	\$ 60,900.00	\$ 0.585	\$ 61,425.00	0.588	61,740.00
3	Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	Brandy Branch	Power Gen	Gallon	500 gallons	1,000,000.00	\$ 0.580	\$ 580,000.00	\$ 0.585	\$ 585,000.00	0.588	588,000.00
4	Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	Arlington East	Water Treatment	Gallon	500 gallons	5,000.00	\$ 0.580	\$ 2,900.00	\$ 0.585	\$ 2,925.00	0.588	2,940.00
5	Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	Buckman	Water Treatment	Gallon	500 gallons	2,000,000.00	\$ 0.580	\$ 1,160,000.00	\$ 0.585	\$ 1,170,000.00	0.588	1,176,000.00
6	Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	Mandarin	Water Treatment	Gallon	500 gallons	5,000.00	\$ 0.580	\$ 2,900.00	\$ 0.585	\$ 2,925.00	0.588	2,940.00
7	Sodium Hypochlorite, ANSI / NSF 60 certified	SJRPP	Power Gen	Drum (55 gallon)	1 drum	200.00	\$ 99.500	\$ 19,900.00	\$ 99.500	\$ 19,900.00	99.5	19,900.00
8	Sodium hypochlorite, ANSI/NSF 60certified, low contaminant levels,tank truck	All Water Treatment Plants	Water Treatment	Gallon	500 gallons	9,250,000.00	\$ 0.580	\$ 5,365,000.00	\$ 0.585	\$ 5,411,250.00	0.588	5,439,000.00
9	Sodium hypochlorite, ANSI/NSF 60certified, low contaminant levels, (partial loads / route trucks)	Nortside Generating Station and Water Treatment Plants	Power Gen and Water Treatment	Gallon	100 gallons	500,000.00	\$ 0.640	\$ 320,000.00	\$ 0.640	\$ 320,000.00	0.688	344,000.00
10	<u>Emergency Deliveries</u> - Sodium Hypochlorite, ANSI / NSF 60 certified, tank truck	Location to be Provided upon call out	Water Treatment	Gallon	500 gallons	25,000.00	\$ 0.580	\$ 14,500.00	\$ 0.585	\$ 14,625.00	0.588	14,700.00
11	Sodium hypochlorite, ANSI/NSF 60certified, low contaminant levels	north grid location, south grid locations	Water Treatment	Drum (55 gallon)	1 Drum	200.00	\$ 99.500	\$ 19,900.00	\$ 99.500	\$ 19,900.00	99.5	19,900.00
<b>Total Five Year Bid Price (enter this amount on Page 1 of the Bid Form)</b>							<b>\$ 8,909,000.00</b>	<b>\$ 8,982,700.00</b>	<b>\$ 9,050,920.00</b>			
<b>Original to BAFO reduction</b>							\$ 73,700.00	<b>Savings vs. Previous Contract</b>		1.6%		
<b>BAFO to Previous Contract Reduction</b>							\$ 141,920.00					
<b>Bulk Deliveries Spend Amount</b>							\$ 8,549,200.00	<b>Bulk is X % spend</b>		95.96%		
<b>BAFO is X % of the total Savings</b>									52%			
<b>Bulk cost savings per gallon as a percent</b>									1.38%			
<b>Partial cost savings per gallon as a percent</b>									7.50%			
<b>Drum cost savings per Drum as a percent</b>									-			



## Formal Bid and Award System

Award #14 December 16, 2021

**Type of Award Request:** PROPOSAL (RFP)  
**Requestor Name:** Phelps, Charles, Material Handling Operator Maintainer II  
**Requestor Phone:** (904) 665-6382  
**Project Title:** Industrial Cleaning Services  
**Project Number:** See Attached  
**Project Location:** JEA  
**Funds:** O&M  
**Budget Estimate:** Award to Budget of \$1,092,900.00

**Scope of Work:**

The purpose of this solicitation is to contract the services of an industrial cleaning contractor to provide services described herein (“Work”).

The scope of work includes furnishing all supervision, labor, materials, tools, equipment, consumables, and subcontracts necessary for industrial cleaning services primarily at JEA electric generating facilities. Services shall include, but not be limited to, the following:

- Wet & Dry Vacuuming Services
- Hydroblasting & Ultra High Pressure (UHP) Cleaning Services
- Chemical Cleaning Services (pricing will be requested on a per project basis)
- High Volume Pump Services
- Fugitive Dust Control Services

JEA has electric power generation equipment at four locations: Northside Generating Station, Brandy Branch Generating Station, Kennedy Generating Station, and Greenland Energy Center.

Additionally, this contract may be used to provide support to other JEA facilities, water, and wastewater locations on an as needed basis. The Water/Wastewater (W/WW) groups will evaluate rates submitted and make a determination if W/WW budget will be added to the forecast award.

As a part of this Bid, JEA required Bidders to submit hourly and equipment rates to provide a 40 hour / week industrial cleaning with a twelve man crew. This Bid requirement is referred to Option A.

**JEA IFB/RFP/State/City/GSA#:** 1410431046  
**Purchasing Agent:** Lovgren, Rodney  
**Is this a Ratification?:** NO

**RECOMMENDED AWARDEE(S):**

Name	Contact Name	Email	Address	Phone	Amount
THOMPSON INDUSTRIAL SERVICES LLC	Mike Bertram	mbertram@thompsonind.com	104 N. Main Street, Sumter, SC 29150	(803) 968 – 0687	\$765,030.00

MPW INDUSTRIAL SERVICES, INC.	John Stoughton	jstoughton@mpwservices.com	9711 Lancaster Rd. SE, Hebron, Ohio 43025	800-827-8790	\$327,870.00
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**Amount for entire term of Contract/PO:** \$1,092,900.00

**Award Amount for remainder of this FY:** \$258,046.13

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

**Begin Date (mm/dd/yyyy):** 12/22/2021

**End Date (mm/dd/yyyy):** 12/21/2024

**JSEB Requirement:** N/A - Optional

**PROPOSERS:**

Name	Points	Rank	Total Bid Price
THOMPSON INDUSTRIAL SERVICES LLC	96.2	1	\$708,935.30
MPW INDUSTRIAL SERVICES, INC.	85.3	2	\$733,351.45
ENVIROVAC	68.8	3	\$937,420.70
CESI	58.4	4	\$1,704,713.88

**Background/Recommendations:**

Advertised on 09/27/2021. Five (5) prime companies attended the mandatory pre-proposal meeting held on 10/01/2021. At proposal opening on 10/26/2021, JEA received four (4) Proposals. The companies were evaluated based on price, work approach and safety. Thompson Industrial Services and MPW Industrial Services are the highest evaluated proposing companies. A copy of the evaluation matrix, proposals and rate sheets are attached as backup.

JEA awards two (2) contracts for this type of work (Primary and Secondary) on a 70 / 30 split to ensure all facilities have access to sufficient contractors for outages and any ad hoc services. The budget for power generation facilities is \$250,000.00 annually.

The W/WW groups currently contract out their various different industrial cleaning services via independent bids and contracts (currently Williams Industrial and Universal Services). Being that some of the service types provided to the power plants (hydro-blasting, vacuuming, pit cleaning, etc.) is similar to W/WW industrial cleaning needs, they have added \$114,300.00 to the budget per year to this award to allow trial usage of these contractors.

JEA has reviewed the submitted Option A rates vs. JEA's forecast of managing the services with contract employees and JEA equipment, based on a 40 hour per week schedule. This topic was previously discussed at the Awards committee 9/23/2021. At that time JEA noted additional vetting would be performed once bids were received. Based on the submitted rates from the lowest Option A prices from MPW vs. JEA managed services; JEA forecasts a savings of \$1,178,236.00 (for the three year term) by managing the work directly and using JEA owned equipment. The pricing evaluation included labor and equipment rates of the outside contractor vs. JEA managed contract labor (via WorkSpend) and JEA owned equipment. The evaluation of annual maintenance and overhaul of JEA equipment, which is fully amortized, was included to make the evaluation equivalent (apples to apples). Based on this evaluation, it was decided to move forward without Option A pricing.

When comparing Thompson's evaluated Total Bid Price of \$708,935.30, to the incumbent rates against the bid forecast (MPW) \$684,017.50, there is a 3.64% increase. Since the Award Amount is based on the budget and not the bid forecast, when applying the 3.64% increase to the budget numbers there is an estimated spend increase on rates of \$38,413.47. The estimated spend increase on rates deducted from the estimated savings from insourcing management, equipment and contract crew of \$1,178,236.00, results in an aggregate three forecast savings of \$1,139,822.53. Considering market conditions pricing is deemed considered reasonable. JEA is allowing a CPI adjustment annually on labor rates, and equipment rates are fixed with allowances for fuel. Markups are fixed based on cost plus model for ad-hoc materials and subcontractor support services.

1410431046 – Request approval to award a contract to Thompson Industrial Services in the amount of \$765,030.00 and MPW Industrial Services in the amount of \$327,870.00 for Industrial Cleaning services, for a not-to-exceed amount of \$1,092,900.00, subject to the availability of lawfully appropriated funds.

**Manager:** Crabtree, Jeremy D. - Mgr NGS Operations  
**Sr. Manager:** Wilds, Brian E. - Sr Mgr Energy Production & Material Handling Operations  
**Director:** Stancin, James M. - Dir Energy Production CTs  
**Sr. Director:** Kipp, James R. - Sr Dir Generation  
**VP:** Erixton, Ricky D. - VP Electric Systems

**APPROVALS:**

*Stephen Datz* 12/16/21

**Chairman, Awards Committee** **Date**

*Laure A Whitmer* 12/20/21

**Budget Representative** **Date**

**REQUEST**

Cost Center or P/N	Budget Line from O&M excel spreadsheet	Expense Type	FY22 Spend (8.5 mos)	FY23	FY24	FY25 (3.5MOS)	Subtotals & Totals
30205		2006	\$17,708.33	\$25,000.00	\$25,000.00	\$7,291.67	
30300		2006	\$17,708.33	\$25,000.00	\$25,000.00	\$7,291.67	
30300		2033	\$141,666.67	\$200,000.00	\$200,000.00	\$58,333.33	
<b>TOTAL</b>			<b>\$177,083.33</b>	<b>\$250,000.00</b>	<b>\$250,000.00</b>	<b>\$72,916.67</b>	<b>\$750,000.00</b>
Cost Center or P/N	Budget Line from O&M excel spreadsheet	Expense Type	FY22 Spend (8.5 months).	FY23	FY24	FY25 (3.5 months)	
HW30134	Line 431	2006	\$52,063	73,500	73,500	21,437	
HW30140	Line 493	2006	\$28,900	40,800	40,800	11,900	
<b>Total</b>			<b>\$80,963</b>	<b>\$114,300</b>	<b>\$114,300</b>	<b>\$33,337</b>	<b>\$342,900</b>

<b>TOTAL</b>	<b>\$258,046.13</b>	<b>\$364,300.00</b>	<b>\$364,300.00</b>	<b>\$106,253.87</b>	<b>\$1,092,900.00</b>
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<b>Thompson</b>	\$180,632.29	\$255,010.00	\$255,010.00	\$74,377.71	<b>\$765,030.00</b>
<b>MPW</b>	\$77,413.84	\$109,290.00	\$109,290.00	\$31,876.16	<b>\$327,870.00</b>

1410381848 NGS Site Assessment services for JEA						Price Pts	Proposal Price	Option A Price
Vendor Rankings	Phelps	Holmes	Wilds	Total	Rank	70		
Thompson Industrial	97.5	95.5	95.5	96	1	70	\$ 708,935.30	\$ 3,454,012.80
MPW	86.0	85.0	85.0	85	2	67.7	\$ 733,351.45	\$ 2,884,627.87
Envirovac	74.8	65.8	65.8	69	3	52.9	\$ 937,420.70	\$ 6,954,446.40
CESI	59.1	57.1	59.1	58	4	29.1	\$ 1,704,713.88	\$ 12,695,581.20

Phelps	Priced Proposal (70 Points)	Approach and Work Plan (20 Points)	Safety (10 Points)	Total
MPW	67.7	13	5.3	86.0
Envirovac	52.9	16	5.9	74.8
Thompson Industrial	70.0	20	7.5	97.5
CESI	29.1	20	10	59.1

MPW Incumbent	\$ 684,017.50	\$ 2,636,749.44
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Price Increase. 3.6%

Holmes	Priced Proposal (70 Points)	Approach and Work Plan (20 Points)	Safety (10 Points)	Total
MPW	67.7	12	5.3	85.0
Envirovac	52.9	7	5.9	65.8
Thompson Industrial	70.0	18	7.5	95.5
CESI	29.1	18	10	57.1

Wilds	Priced Proposal (70 Points)	Approach and Work Plan (20 Points)	Safety (10 Points)	Total
MPW	67.7	12	5.3	85.0
Envirovac	52.9	7	5.9	65.8
Thompson Industrial	70.0	18	7.5	95.5
CESI	29.1	20	10	59.1

Overall Averages	Priced Proposal (70 Points)	Approach and Work Plan (20 Points)	Safety (10 Points)	Total
MPW	67.67	12.33	5.30	85.3
Envirovac	52.94	10.00	5.90	68.8
Thompson Industrial	70.00	18.67	7.50	96.2
CESI	29.11	19.33	10.00	58.4

Appendix B - Proposal Forms  
1410431046 Power Plant Industrial Cleaning for JEA

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

Company Name: Thompson Industrial Services, LLC

Company's Address: 104 N. Main Street, Sumter, SC 29150

License Number: N/A

Phone Number: 800-849-8040 FAX No: 803-773-1955 Email Address: acurlee@thompsonind.com

<b>BID SECURITY REQUIREMENTS</b> <input checked="" type="checkbox"/> None required <input type="checkbox"/> Certified Check or Bond Five Percent (5%)	<b>TERM OF CONTRACT</b> <input type="checkbox"/> One Time Purchase <input checked="" type="checkbox"/> Term - 3 Years - One, 1 Yr. Renewal <input type="checkbox"/> Other, Specify - Project Completion
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<b>SAMPLE REQUIREMENTS</b> <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	<b>SECTION 255.05, FLORIDA STATUTES CONTRACT BOND</b> <input checked="" type="checkbox"/> None required <input type="checkbox"/> Bond required 100% of Bid Award
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<b>QUANTITIES</b> <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.	<b>INSURANCE REQUIREMENTS</b>  <b>Insurance required</b>
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**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	Total Bid Price (From Bid Workbook)	\$708,935.30

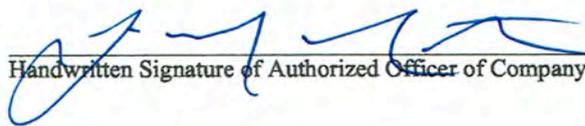
I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

**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

N/A through N/A

  
 Handwritten Signature of Authorized Officer of Company or Agent

10/15/2021

Date

J. Michael Bertram, Secretary & CFO  
 Printed Name and Title

**MINIMUM QUALIFICATIONS**

**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 SHALL SUBMIT AN ELECTRONIC COPY IN ACCORDANCE WITH THE SOLICITATION REQUIREMENTS**

**BIDDER INFORMATION**

COMPANY NAME: Thompson Industrial Services, LLC

BUSINESS ADDRESS: 104 N. Main Street

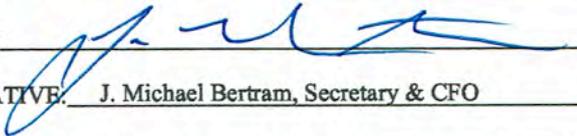
CITY, STATE, ZIP CODE: Sumter, SC 29150

TELEPHONE: 800-849-8040

FAX: 803-773-1955

E-MAIL: acurlee@thompsonind.com

PRINT NAME OF AUTHORIZED REPRESENTATIVE: J. Michael Bertram

SIGNATURE OF AUTHORIZED REPRESENTATIVE: 

NAME AND TITLE OF AUTHORIZED REPRESENTATIVE: J. Michael Bertram, Secretary & CFO

- The Bidder must have successfully completed two (2) similar industrial cleaning service contracts in the United States in the last five (5) years, date ending the bid due date. A similar service contract is a continuing services or outage support contract where industrial cleaning and following were included in the scope of work; Wet & Dry vacuuming, Hydroblasting and pumping services. Additionally, each contract shall have been valued at greater than \$1,000,000.00.



**LIST OF SUBCONTRACTORS**

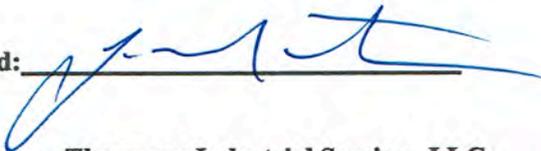
JEA Solicitation Number 1410431046 requires certain major Subcontractors be listed on this form, unless the work will be self-performed by the Company.

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
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N/A

Signed: 

Company: Thompson Industrial Services, LLC

Address: 104 N. Main St., Sumter, SC 29150

Date: 10/15/2021

# OSHA's Form 300A (Rev. 01/2004) Summary of Work-Related Injuries and Illnesses

Year 2020



U.S. Department of Labor  
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

### Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	0	0	1
(G)	(H)	(I)	(J)

### Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
0	0
(K)	(L)

### Injury and Illness Types

Total number of... (M)			
(1) Injury	1	(4) Poisoning	0
(2) Skin Disorder	0	(5) Hearing Loss	0
(3) Respiratory Condition	0	(6) All Other Illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 50 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave. NW, Washington, DC 20210. Do not send the completed forms to this office.

### Establishment information

Your establishment name: Thompson Industrial Services, LLC  
 Street: 104 North Main Street  
 City: Sumter State: South Carolina Zip: 29150  
 Industry description (e.g., Manufacture of motor truck trailers)  
Industrial Cleaners HPWB and vacuum. Chemical wash.  
 Standard Industrial Classification (SIC), if known (e.g., SIC 3715)  
1 7 1 1  
 OR North American Industrial Classification (NAICS), if known (e.g., 336212)  
2 3 8 9 9 0

### Employment information

Annual average number of employees 850  
 Total hours worked by all employees last year 1,880,282 (Through February)

### Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and

Rick Lewis  
 Company executive

VP HR & Risk Mgm  
 Title

803-418-8207  
 Phone

2/1/2021  
 Date

# OSHA's Form 300 Log of Work-Related Injuries and Illnesses

**Attention:** This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2020  
**U.S. Department of Labor**  
 Occupational Safety and Health Administration



You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Form approved OMB no. 1218-0176  
**Company Name:** Thompson Industrial Services LLC.  
**Address:** 104 North Main Street  
**City:** Sumter **State:** S.C. **Zip Code:** 29150

Identify the person		Describe the case		Classify the case																
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mo./day)	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	CHECK ONLY ONE box for each case based on the most serious outcome for that case:				Enter the number of days the injured or ill worker was:		Check the "injury" column or choose one type of illness:								
						Death (G)	Days away from work (H)	Remained at work (I, J)		Away From Work (days) (K)	On job transfer or restriction (days) (L)	Injury (M) (1)	Skin Disorder (2)	Respiratory Condition (3)	Poisoning (4)	Hearing Loss (5)	All other illnesses: (6)			
1		A-50 Crew leader	08/06/2020	Fcc at 11-13-024 Exchanger, Memphis TN	employee stepped on screw which punctured his left foot.				X			X								
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
						0	0	0	1	0	0	1	0	0	0	0	0	0	0	0

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Public

Injury  
 Skin Disorder  
 Respiratory Condition  
 Poisoning  
 Hearing Loss  
 All other illnesses:

# OSHA's Form 300A (Rev. 01/2004)

## Summary of Work-Related Injuries and Illnesses

Year 2019



U.S. Department of Labor  
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete and accurate.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees, former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

### Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	3	0	4
(G)	(H)	(I)	(J)

### Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
355	194
(K)	(L)

### Injury and Illness Types

Total number of...	(M)	(4) Poisoning	(5) Hearing Loss	(6) All Other Illnesses
(1) Injury	7	0	0	0
(2) Skin Disorder	0			
(3) Respiratory Condition	0			

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 50 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave. NW, Washington, DC 20210. Do not send the completed forms to this office.

### Establishment information

Your establishment name: Thompson

Street: 104 North Main Street

City: Sumter State: South Carolina Zip: 29150

Industry description (e.g., Manufacture of motor truck trailers)  
Industrial Cleaners HPWB and vacuum. Chemical wash.

Standard Industrial Classification (SIC), if known (e.g., SIC 3715)

1 7 1 1

OR North American Industrial Classification (NAICS), if known (e.g., 336212)

2 3 8 9 9 0

### Employment information

Annual average number of employees 956

Total hours worked by all employees last year 2,129,061 (Through February)

### Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

Rick Lewis  
Company executive

VP HR & RM  
Title

803-418-8207  
Phone

01/28/2020  
Date

# OSHA's Form 300

## Log of Work-Related Injuries and Illnesses

**Attention:** This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2019  
**U.S. Department of Labor**  
 Occupational Safety and Health Administration



You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Form approved OMB no. 1218-0176  
 Company Name: Thompson Industrial Services LLC.  
 Address: 104 North Main Street

City: Sumter State: S.C. Zip Code: 29150

Identify the person				Describe the case		Classify the case				Enter the number of days the injured or ill worker was:										
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mo./day)	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	CHECK ONLY ONE box for each case based on the most serious outcome for that case:				Enter the number of days the injured or ill worker was:		Check the "injury" column or choose one type of illness:								
						Death (G)	Days away from work (H)	Job transfer or restriction (I)	Remained at work Other recordable cases (J)	Away From Work (days) (K)	On job transfer or restriction (days) (L)	Injury (1)	Skin Disorder (2)	Respiratory Condition (3)	Poisoning (4)	Hearing Loss (5)	All other illnesses (6)			
1		A-70 Mechanic	2/21/19		Injured employee was walking by another employee that was using a drill, The drill bit broke and a piece of the bit struck the injured in the left eye. Injured was not wearing safety glasses. Cornea laceration				X			X								
2		A-33 Crew Leader	4/3/19		Injured employee improvised the use of an antiwithdral that failed allowing high pressure water stream to strike him the left forearm causing a injection injury that required surgery.		X			51	180	X								
3		A-38 Tech	6/24/19		Injured employee was using a flexible lance to high pressure water blast a section of pipe laying on the ground next to the pump. Employee was not using required antiwithdral and the lance came out under pressure and the high pressure water stream struck the employee causing multiple water laceration s up to his throat.				X			X								
4		A-52 Oper.	6/29/19		Affected employee was descending an extension ladder into a pit. The ladder shifted downward causing the employee to loose his footing an fall to the lower elevation fracturing his left wrist.		X			124		X								
5		A-30 tech	8/22/2019		Employee was carrying a piece of refractory debris on his shoulder to dispose of it in a near by dumpster. He tripped and fell in route and his right hand was smashed by the refractory resulting in a fracture and laceration. Ground FL of unit 2552 Dust catcher.		X			180		X								
6		A-35 Site Manager	09/25/2019		Affected Employee was operating an aerial lift for a 2nd employee who was using a 6" vacuum hose to remove material from the top of a clarifier ,the vachose jumped and smashed the affected employees right ring finger which was on the handrail.				X			x								
7		Regional Safes manager	10/05/2019		Affected employee was walking on 5th Ave towards, slipped in material that was on the road way and fell fracturing his left lower extremity above the ankle				x			x								
8		A-51 Temp-	12/23/19		<del>washer to the hitch on a truck. He was using his ungloved left hand to guide the receiver on to the ball as he cranked down the tongue jack. The fourth finger on his left hand was pinched between the ball and receiver.</del>			X			14	X								
						0	3	0	4	355	194	8	0	0	0	0	0	0	0	0

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Injury  
 Skin Disorder  
 Respiratory Condition  
 Poisoning  
 Hearing Loss  
 All other illnesses

# OSHA's Form 300A (Rev. 01/2004)

## Summary of Work-Related Injuries and Illnesses

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete and accurate.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

### Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
<u>0</u>	<u>3</u>	<u>0</u>	<u>3</u>
(G)	(H)	(I)	(J)

### Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
<u>259</u>	<u>0</u>
(K)	(L)

### Injury and Illness Types

Total number of... (M)	(1) Injury	(2) Skin Disorder	(3) Respiratory Condition	(4) Poisoning	(5) Hearing Loss	(6) All Other Illnesses
	<u>6</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 50 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave. NW, Washington, DC 20210. Do not send the completed forms to this office.

### Establishment information

Your establishment name: Thompson Industrial Services LLC

Street: 104 North Main Street

City: Sumter State: South Carolina Zip: 29150

Industry description (e.g., Manufacture of motor truck trailers)  
Industrial Cleaners HPWB and vacuum. Chemical wash.

Standard Industrial Classification (SIC), if known (e.g., SIC 3715)  
1 7 1 1

OR North American Industrial Classification (NAICS), if known (e.g., 336212)  
2 3 8 9 9 0

### Employment information

Annual average number of employees 906

Total hours worked by all employees last year 2,151,465

### Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

Rick Jones  
Company executive

VP, HR and Risk Management  
Title

803-418-8207  
Phone

01-29-2019  
Date

# OSHA's Form 300 Log of Work-Related Injuries and Illnesses

**Attention:** This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 2018  
**U.S. Department of Labor**  
 Occupational Safety and Health Administration

You must record information about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an injury and illness incident report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Form approved OMB no. 1218-0176  
 Company Name: Thompson Industrial Services LLC.  
 Address: 104 North Main Street  
 City: Sumter State: S.C. Zip Code: 29150

Identify the person				Describe the case		Classify the case				Enter the number of days the injured or ill worker was:										
(A) Case No.	(B) Employee's Name	(C) Job Title (e.g., Welder)	(D) Date of injury or onset of illness (mo./day)	(E) Where the event occurred (e.g. Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g. Second degree burns on right forearm from acetylene torch)	CHECK ONLY ONE box for each case based on the most serious outcome for that case:				Enter the number of days the injured or ill worker was:		Check the "injury" column or choose one type of illness:								
						Death	Days away from work	Remained at work		Away From Work (days)	On job transfer or restriction (days)	(M) Injury	Skin Disorder	Respiratory Condition	Poisoning	Hearing Loss	All other illnesses			
(G)	(H)	Job transfer or restriction	Other recordable cases	(K)	(L)	(1)	(2)	(3)	(4)									(5)	(6)	
1		A-32 superintendent	Feb 8th		Water injection injury to left hand form 10,000 PSI water stream.				X			X								
2		A-33 Tech	Feb. 22nd		Got caustic material inside his protective boot		X			152		X								
3		A-55 Crew Leader	April 6th		water injection injury to right hand form 10,000 PSI water stream.				X			X								
4		A-31 crew leader	June 28th		Laceration to the back of the head form fall to same elevation				X			X								
5		A-56 Crew Leader	July 12th		Blunt force truma to the right eye form a pressurized water hose nozzel causing internal damage to the eye		X			60		X								
6		A53 -Tech	Nov. 4th		High Pressure water laceration to frontal shins of both legs.		X			47		X								
8																				
9																				
10																				
11																				
12																				
13																				
14																				
						0	3	0	3	259	0	6	0	0	0	0	0	0	0	0

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Public

Injury  
 Skin Disorder  
 Respiratory Condition  
 Poisoning  
 Hearing Loss  
 All other illnesses



UNDERSTAND. SERVICE. INNOVATE.

USI Insurance Services, LLC  
1301 Gervais Street  
Suite 500  
Columbia, SC 29201  
www.usi.com  
Phone: 803.602.3020

May 17, 2021

RE: Experience Modification Rating  
**Thompson Industrial Services, LLC**

Dear Sir or Madam:

At the request of the above-named insured, we submit the following Workers' Compensation Insurance Experience Modification Rate history as promulgated by the National Council on Compensation Insurance (NCCI).

<b>Effective</b>	<b>EMR Multiplier</b>
07/01/2021	0.83
07/01/2020	0.94
07/01/2019	0.82
07/01/2018	0.71
07/01/2017	0.66

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

Best regards,

William T. "Tim" Young  
Senior Client Executive  
[tim.young@usi.com](mailto:tim.young@usi.com)  
803.602.3012



# Thompson

Industrial Services

February 25, 2021

## **General Information**

Founded in 1986

Limited Liability Company organized in North Carolina 2006

Legal Company Name: Thompson Industrial Services, LLC

Legal Company Address: 104 North Main Street, Sumter, SC 29150

Dun & Bradstreet #: 790053313

NAICS#: 238990

FEIN: 20-4546695

Number of Employees (as of 02/25/2021) - 865

Annual Revenue: 2020 - \$98,018,420 / 2019 - \$112,225,173 / 2018 - \$115,281,379

OSHA Recordable Rates: 2020 = 0.11 / 2019 = 0.66 / 2018 = 0.56

LWR Incident Rates: 2020 = 0.00 / 2019 = 0.28 / 2018 = 0.28

TIR: 2020 = 0.11 / 2019 = 0.66 / 2018 = 0.56

EMR: 2020 = 0.96 / 2019 = 0.82 / 2018 = 0.71

Payment Terms: Net 30

Coronavirus Disinfecting Services Payment Terms: Net 15

Payment Remit to Address: 104 North Main Street, Sumter, SC 29150

We are a large Industrial Cleaning Company that offers a variety of services such as Vacuuming, Hydroblasting, and Chemical Cleaning.



#### **1.4 - PROJECT APPROACH AND WORK PLAN (#1410431046)**

Thompson Industrial Services, LLC has been in business since 1986 with annual revenues up to \$100,000,000 and our personnel have worked on various JEA sites with great success for the past 11+ years. Thompson Industrial Services, LLC provides Chemical Cleaning, Automated 10K Hydroblasting, Automated 20K Hydroblasting, Automated Ultra-High Pressure (UHP) (40K) Hydroblasting, Automated Large Volume Hydroblasting (Big Pumps) Combustible Dust Remediation, and Vacuuming services. All these services are done with our own equipment and employees.

#### **MANPOWER AND SCHEDULING**

Thompson Industrial Services, LLC utilizes a global dispatching system for planned customer shutdown projects. This service is managed through our corporate resource department. Large projects are broken down to resource needs required for each and managed through a Gantt chart type program. When needs for any given customer shutdown exceed the resources of the owning division office, outside resources are scheduled and reserved from other TIS divisions and outside suppliers if necessary so that planned work is always fulfilled.

Thompson Industrial Services, LLC has the largest industrial cleaning employee base in the southeast. Our employees are full time employees, not temporary employees, which are put through rigorous on-going technical training programs. Thompson also has the largest industrial cleaning equipment fleet in the southeast with an average age of equipment being less than three years. This list of resources clearly shows the deepest employee bench and a comprehensive fleet of equipment that can meet any JEA need.

We have 21 offices located across the southeast (Jacksonville, FL, Macon, GA, Decatur, AL, Augusta, GA, Charleston, SC, Georgetown, SC, Sumter, SC, Eastover, SC, Charlotte, NC, Columbus, MS, Shreveport, LA, Baton Rouge, LA, Wilmington, NC, Ahoskie, NC, Athens, TN, Memphis, TN, Louisville, KY, Owensboro, KY, Philadelphia, PA, Covington, VA, Richmond, VA) and **28 onsite agreements** as stated above and within these offices, we have the following equipment and personnel resources at our disposal:

#### **SAFETY TRAINING PROGRAM FOR EMPLOYEES**

##### **Control the Environment & Influence Behaviors:**

Thompson Industrial Services, LLC (TIS) is firmly committed to the health and safety of all our employees. Our goals are clear: ensure an injury-free work environment. We aim to provide the safest and highest quality industrial cleaning services – with integrity and the relentless pursuit of value to our customers, our teammates and our shareholders. Moreover, TIS endeavors to develop a superior safety culture for our employees at each of our valued customer sites. TIS integrates Safety as a critical company value along with Integrity and Quality through: Setting Expectations, Training and Accountability, Safety Data Collection and Analysis, and Planning and Taking Action.

##### **Setting Expectations:**

Our safety program and safety observation policies formalize the goals and procedures for consistently conducting our safety program. Furthermore, specific safety policies are designed to instill safe operating procedures and guidelines with respect to each job type we regularly conduct. In addition to customer required permitting, our teammates complete a comprehensive job safety and hazard analysis that supports our vision.

**Training and Accountability:**

TIS takes a comprehensive approach to training its personnel, combining live instruction, computer based training and hands-on simulation. From field employees to management, our employees are trained for success. We understand that complacency undermines safety, which is why TIS is working daily to develop and train the future.

**Data Collection and Analysis:**

At TIS we are constantly improving our safety culture using leading indicators to proactively reduce incidents and manage risk. We want to demonstrate commitment to our core values of Safety, Integrity & Quality by utilizing more consistent methods to collect data and provide analyses in order to make better business decisions. SafetyNet is a tool to help cultivate a superior safety culture; it used by all field employees and management to “find, fix, and report” good things, as well as those conditions and/or behaviors that need correction on every job and job site. In addition, the SafetyNet predictive model helps us identify our riskiest jobs by work type, sites, and teammates so we can allocate our leadership and safety resources to mitigate risk. We believe we can reduce injuries by anticipating the next most likely incident by focusing our efforts on modifying the environment and coaching desired behaviors.

**Planning and Taking Action:**

TIS continuously reviews data in order to develop improvement plans. Behaviors that lead to maintaining positive trends are identified and encouraged; negative behaviors are identified for mitigation. Overall trends are addressed as a team while individual risky behaviors are the focus for one-on-one coaching. We aim for all employees to accomplish their required observations, find/fix/report all findings, and endeavor to improve the quality of their observations over time.

TIS is working every day to improve its training, technology and culture. Because safety is never being satisfied and always improving.

**REQUIRED TRAINING FOR OUR EMPLOYEES**

- Waterblast safety
- Vacuum safety
- Bloodborne Pathogens
- Confined Space Entry
- Emergency Action Plan, Fire Prevention / Extinguishers
- Hazard Communication (Right to Know) / Employee Overview
- Lockout/Tagout
- OSHA 10 Hour Training – General Industry
- PPE
- Back Injury Prevention
- Electrical Safety
- Fall Protection
- Hearing Conservation
- Respiratory Fit Test
- Scaffold User Training
- Stairways & Ladders Waterblast – Hands On Training Heat / Cold Stress
- Audiometric Vacuum – Hands On Training Respiratory Medical Clearance
- GHS Training



**SUPERVISOR TRAINING**

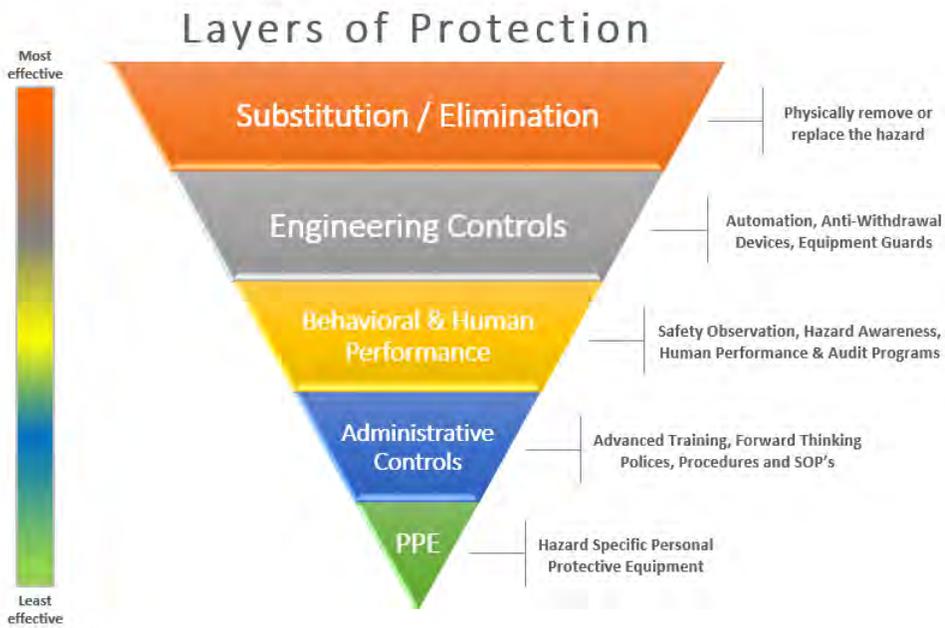
- Operator Skills Training
- OSHA 10 hr. General Industry
- Crew Leader Boot camp – technical training
- First Aid/CPR
- Safety Observations
- Hazard Recognition
- Safe Work Practices
- Safety Supervision
- New Employee Orientation
- Tailgate/Toolbox Safety Meetings
- First-Aid Procedures
- Emergency Procedures
- Incident Report/Investigation
- Safe Work Permitting
- Confined Space training
- Lockout/Tagout
- Waterblast safety
- Waterblast hands-on training
- Vacuuming hands-on training
- JSHA training
- Personal Protective Equipment
- Heat and Cold Stress Prevention
- Defensive Driving
- Ladder Safety
- Scaffold user
- Process Safety Management (PSM)

<b>Thompson Industrial Services, LLC Corporate Safety Policies</b>					
<b>Safety Policy Index</b>			<b>Revision Information</b>		
<b>Policy #</b>	<b>Policy Title</b>	<b>ISSUE DATE</b>	<b>Revision No.</b>	<b>Rev. Date</b>	<b>Review Date</b>
S001	Access to Exposure Records	Jan-09	0	N/A	Apr-20
S002	Accident Investigation	Jan-09	2	Apr-20	Apr-20
S003	Aerial Lift Policy	Apr-07	8	Dec-19	Dec-19
S003:F1	Scissor/AWP Lift Evaluation Skills Test	Dec-19	0	N/A	Dec-19
S003:F2	Scissor/AWP Lift Daily/Weekly Inspection	Dec-19	0	N/A	Dec-19
S003:F3	Qualified Scissor/AWP Lift Operator Card	Dec-19	0	N/A	Dec-19

S004	Blood borne Pathogens	Jan-09	6	Oct-18	Apr-20
S005	Confined Spaces	Jan-09	9	Apr-20	Apr-20
S005:F1	Confined Space Permit	Jan-09	4	Apr-20	Apr-20
S006	Electrical Safety	Apr-07	4	Apr-20	Apr-20
S006.1	Electrical Safety Work Practices	Jan-09	4	Apr-20	Apr-20
S007	Emergency Action Plan	Apr-07	3	Apr-14	Apr-20
S008	Environmental Protection	Jan-09	3	Apr-20	Apr-20
S009	Excavating & Trenching	Jan-09	5	Apr-20	Apr-20
S009:F1	Excavating & Trenching Permit	Jan-09	1	Oct-18	Apr-20
S010	Fall Protection	Apr-07	6	Oct-18	Apr-20
S011	Fire Protection	Jan-09	3	Nov-18	Apr-20
S012	Flammable & Combustible Liquids	Jan-09	1	Nov-18	Apr-20
S013	Hazardous Communication Program	Apr-07	4	Nov-18	Apr-20
S014	Hearing Conservation	Jan-09	2	Nov-18	Apr-20
S015	Housekeeping	Jan-09	2	Apr-20	Apr-20
S016	Job Safety Hazard Analysis	Jan-09	1	Jan-09	Apr-20
S016:F1	TIS-JSHA	Jan-09	1	Jan-09	Apr-20
S017	Ladders	Jan-09	4	Apr-20	Apr-20
S018	Lead Compliance & Abatement	Jan-09	2	Oct-09	Apr-20
S019	Line Breaking	Jan-09	2	Feb-19	Feb-19
S020	Lock out Tag Out	Jan-09	3	Nov-18	Apr-20
S021	Miner's Training Part 46	Jan-09	3	Jul-13	Oct-18
S022	Mobile Equipment	Jan-09	0	N/A	Apr-20
S022:F1	Mobile Equipment Training Verification	Jan-09	0	N/A	Apr-20
S023	Personal Protective Equipment (PPE)	Jan-09	5	Feb-18	Apr-20

S024	Powered Industrial Truck Operation	Jan-09	3	19-Dec	Dec-19
S024:F1	Forklift Evaluation Skills Test	Dec-19	0	N/A	Dec-19
S024:F2	Forklift Daily/Weekly Inspection	Dec-19	0	N/A	Dec-19
S024:F3	Qualified Forklift Operator Cards	Dec-19	0	N/A	Dec-19
S025	Respiratory Protection	Jan-09	3	Dec-19	Dec-19
S026	Rigging Inspection	Jan-09	3	Oct-09	Apr-20
S027	Safety Audits	Jan-09	0	N/A	Apr-20
S028	Safety Program	Jan-09	5	Feb-19	Apr-20
S028:F	Safety Program Flyer	Apr-20	0	Apr-20	Apr-20
S029	Sanitation	Jan-09	1	Apr-14	Apr-20
S030	Scaffolding	Jan-09	4	Dec-19	Dec-19
S031	Severe Weather	Jan-09	2	19-Dec	Dec-19
S032	Signs, Signals & Barricades	Jan-09	2	Dec-19	Dec-19
S033	Training Management	Apr-07	1	Sep-09	Apr-20
S034	Uninterrupted Rest	Apr-07	2	19-Dec	Dec-19

**Be Safe** - Thompson's commitment to safety radiates throughout the organization's culture through its top-to-bottom, all-in approach to safety. Serious injury and fatality prevention is our primary focus, which is why TIS continues to implement additional controls and layers of protection to ensure a safe working environment. Thompson's "SIF" prevention program includes automated technologies, an advanced behavior-based observation program, data analytics, and forward-thinking policies and training programs. Thompson's leadership has a strong safety background that is committed to continually driving the safety culture forward. This is because every single employee takes safety personally, and it shows.



High Risk Task

**1. Confined Space**

Hazards / Amplifiers

- Content or Atmosphere
- (Solids or Gases)
- Configuration of Tank
- Potential Exposures

Control / Mitigation Plans

- Hole watch at all times monitoring
- Monitoring of O2, CO, LEL, and H2S levels for duration of job
- Understanding of all known Hazards in area with Pre-Job JHSA meeting. Harness worn while inside space with Lifeline at Hole.

<p>2. <u>Potential Water Cuts</u></p>	<p>-Ensure Compliance with TIS water blast Policy</p>	<p>Automation- To prevent water cuts, exhaustion, and enhance efficiency- 2D, 3D tools          Anti-withdrawal device: Back out prevention          Hose stop: Stops Lance from exiting tube/piping          -Water Blast Cut Suits must be worn if within 25 feet of person blasting          -Proper Water Blast Footwear          -Prior inspection of all water blast equipment before use</p>
<p>3. <u>Vacuum Injuries</u></p>	<p>Compliance with TIS Vacuum Policy          -Lack of training on aerial lifts</p>	<p>Utilize TIS trained vacuum personnel          -Safety T in Place          -Hard Pipe used on any vertical runs along with whip checks          -Hot Ash: Use of hot pipe and welding gloves to prevent thermal burns.</p>
<p>4. <u>Working at Heights</u></p>	<p>Documented on JSHA</p>	<p>-Proper training done prior to start of job          -All fall arrest equipment will be inspected, checked, and worn          -Verify scaffold inspection before climbing on</p>
<p>5. <u>Process Exposure</u></p>	<p>-Documented on JSHA          -SDS located in control Room</p>	<p>-Proper training done prior to start of job          -Location of Eye Wash and Safety Shower          -Proper PPE worn (Safety Glasses, Hard Hat, Ear plugs, Steel toe chemical boots, Chemical suits, and Chemical gloves          -Tyvek suits with hoods (Ash)          -Rain suits</p>



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## **OUTAGE SUPPORT AND ON CALL RESPONSIVENESS**

Thompson Industrial Services, LLC has an employee pool consisting of 1,000+ experienced personnel located throughout the southeast. In the event of multiple jobs, personnel will mobilize from our nearest office. This has worked very well over the past 35+ years. In the event of a large outage, we have utilized over 100+ experienced personnel working around the clock 7-days per week. It should be noted that Thompson Industrial Services ***does not use temporary labor companies for extra personnel.*** We only use Thompson Industrial Services trained, qualified & experienced personnel.

Thompson Industrial Services, LLC has a 24-hour emergency call in dispatch service (800-849-8040). We also have a local superintendent on call 24-hours, 7-days a week. For emergency call out work the order of calls will be: 1. Local superintendent, 2. Jacksonville office, 3. General Manager, and 4. Global Dispatch. Our global dispatching group maintains communication with owning divisions throughout any planned shutdown project. If needs or requirements change that dictate an increase in required resources, this department will respond by looking across the entire company's resource pool and get what is needed to the right place at the right time.

## **EQUIPMENT LISTING AND LOCATION & ABILITY TO PROVIDE**

- 1,000+ Full Time Field Personnel
- 70 - 12,000 PSI Hydroblast Pumps
- 8 - 20,000 PSI Hydroblast Pumps
- 8 - 40,000 PSI Hydroblast Pumps
- 7 – High Volume 1800 HP/2200 HP 10,000 PSI Hydroblast Pumps
- 109 – Vacuum Trucks
- 275 – Support Vehicles
- 6 - Combustible dust remediation machines
- Chemical Cleaning Tankers, Mobile Boilers, Analytical Mobile Lab Trailer, Specialty Chemical Cleaning Units and Various Pumps.
- 75 Automated pieces of machinery
- OMT – Outage Management Team

At our local Jacksonville, FL office, we have (3) three air mover vacuum trucks, (2) two liquid vacuum trucks, (4) four hydroblasters, and 25 men. Within a 2 to 4 hour travel window we have an additional 80 men, 10 hydroblasters and 20 vacuum trucks, along with our chemical cleaning division, UHP division, and large volume pump division.

## **BILLING AND SUPPORT SYSTEMS**

Thompson Industrial Services, LLC uses SAP Business One as our Accounting System. Invoices are generated as T&M, unless otherwise specified by the customer or in the proposal. Billing is completed on a daily basis unless specified by the customer. Timesheets are generated electronically in the field by our teammates and transmitted to the local office for review. Once reviewed, the timesheet information is transmitted through SAP to our corporate office where the invoice is generated and emailed to JEA for payment. For outages and large jobs, TIS will have a cost tracker person assigned to the work which will provide daily cost updates and progress reports with percent complete.



## QUALITY ASSURANCE

Thompson Industrial Services' Quality Assurance Program is essentially customized to the application and criteria of each specific job and/or project, therefore there is not necessarily one carte blanche all-encompassing program that applies to all. We do stringently comply and adhere with client's specifications or requirements in concert with industry and our company's (which are typically more stringent) Best Practices and use customer representative / inspectors to verify our quality of work, which is then documented. We use a quality data base in which all quality parameters are logged, followed up on and resolved by a senior officer.

Thompson's Quality Program is based on (a) field inspections on every job, (b) documented customer feedback and (c) over 3,000 per month independent (i.e. non-crewmembers) on-site job observations and evaluations. In addition, our personnel have direct access to an IMMEDIATE notification from the job site via a unique "Quality Notification" software button that instantly notifies all top management and has a mandatory, tracked resolution feature. Our CEO, VP of Operations, and General Managers are all responsible and directly accountable for quality in our organization.

Our customers are given the opportunity to rate our employees by filling out the Quality Assurance Post-Job Client Feedback Form. When a customer makes a positive comment recognizing an employee; the employee is rewarded with a gift card or special incentive reward such as an extended weekend trip for two. If support is needed to complement our quality program, we are equipped both regionally and on a Corporate level by Thompson's 24/7/365 Dispatch Professionals.

Often times, issues and resolutions are shared with employees via internal reports and meetings to prevent future occurrences and documented for verification of their understanding and compliance. As part of our informal program, we incorporate "MARS" (Monday Accountability Review Sessions) to document root cause and corrective action for quality, delivery and service issues to our customers. If necessary, policies and procedures are updated accordingly. In addition, our safety observation program tracks safety performance and drives quality improvement in that area literally on a daily basis.

Appendix B - Proposal Forms  
1410431046 Power Plant Industrial Cleaning for JEA

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

Company Name: MPW Industrial Services, Inc

Company's Address: 9711 Lancaster Rd SE, Hebron, Ohio 43025

License Number: \_\_\_\_\_

Phone Number: 800-827-8790 FAX No: 740-928-8033 Email Address: jstoughton@mpwservices.com

<b>BID SECURITY REQUIREMENTS</b> <input checked="" type="checkbox"/> None required <input type="checkbox"/> Certified Check or Bond Five Percent (5%)	<b>TERM OF CONTRACT</b> <input type="checkbox"/> One Time Purchase <input checked="" type="checkbox"/> Term - 3 Years - One, 1 Yr. Renewal <input type="checkbox"/> Other, Specify - Project Completion
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<b>SAMPLE REQUIREMENTS</b> <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	<b>SECTION 255.05, FLORIDA STATUTES CONTRACT BOND</b> <input checked="" type="checkbox"/> None required <input type="checkbox"/> Bond required 100% of Bid Award
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<b>QUANTITIES</b> <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.	<b>INSURANCE REQUIREMENTS</b> <p align="center">Insurance required</p>
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**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
		\$733,351.45
1	Total Bid Price (From Bid Workbook)	<del>\$9,020,729.00</del>

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 \_\_\_\_\_

N/A through N/A

  
 \_\_\_\_\_  
 Handwritten Signature of Authorized Officer of Company or Agent

10-26-21  
 \_\_\_\_\_  
 Date

**Jared Black - President**  
 \_\_\_\_\_  
 Printed Name and Title

**MINIMUM QUALIFICATIONS**

**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 SHALL SUBMIT AN ELECTRONIC COPY IN ACCORDANCE WITH THE SOLICITATION REQUIREMENTS**

**BIDDER INFORMATION**

COMPANY NAME: MPW Industrial Services, Inc

BUSINESS ADDRESS: 9711 Lancaster Rd SE

CITY, STATE, ZIP CODE: Hebron, OH 43025

TELEPHONE: 800-827-8790

FAX: 740-928-8033

E-MAIL: jstoughton@mpwservices.com

PRINT NAME OF AUTHORIZED REPRESENTATIVE: Jared Black

SIGNATURE OF AUTHORIZED REPRESENTATIVE: 

NAME AND TITLE OF AUTHORIZED REPRESENTATIVE: President

- The Bidder must have successfully completed two (2) similar industrial cleaning service contracts in the United States in the last five (5) years, date ending the bid due date. A similar service contract is a continuing services or outage support contract where industrial cleaning and following were included in the scope of work; Wet & Dry vacuuming, Hydroblasting and pumping services. Additionally, each contract shall have been valued at greater than \$1,000,000.00.





**LIST OF SUBCONTRACTORS**

JEA Solicitation Number 1410431046 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
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MPW self-performs the Industrial Cleaning Services we provide.

Signed: 

Company: MPW Industrial Services, Inc

Address: 9711 Lancaster Rd SE, Hebron, Ohio 43025

Date: 10/26/2021

## Appendix B - Rates Workbook

### 1410431046 ELECTRIC PLANT INDUSTRIAL CLEANING SERVICES - RESPONDENT RATES WORKBOOK

#### Hourly Labor Rates and Per Diem Costs (3-Year Estimate) - Fill in the Yellow Cells Only

#### Labor

LABOR CLASSIFICATION	ESTIMATED ST HRS	ST RATE (\$/HR)	ESTIMATED ST LABOR COST	ESTIMATED OT HRS	OT RATE <sup>1</sup> Up to 1.5 X Str. Time	ESTIMATED OT LABOR COST
PROJECT MANAGER	60	\$ 62.65	\$ 3,759.21	30	\$ 62.65	\$ 1,879.61
SUPERINTENDENT	150	\$ 49.04	\$ 7,355.25	150	\$ 63.74	\$ 9,560.25
SAFETY ENGINEER	150	\$ 33.51	\$ 5,025.83	150	\$ 43.59	\$ 6,537.83
CREW LEADER	300	\$ 38.96	\$ 11,686.50	150	\$ 50.67	\$ 7,600.95
EQUIPMENT OPERATOR	300	\$ 29.96	\$ 8,986.95	150	\$ 38.96	\$ 5,843.25
TECHNICIAN	300	\$ 27.25	\$ 8,174.25	150	\$ 35.41	\$ 5,310.90
LABORER / HELPER	300	\$ 18.47	\$ 5,540.85	150	\$ 24.02	\$ 3,603.60
<b>Subtotal - Straight Time Labor Cost</b>			<b>\$ 50,528.84</b>	<b>Subtotal - OT Labor Cost</b>		<b>\$ 40,336.38</b>
			<b>A1</b>			<b>A2</b>
<b>TOTAL COST INPUT SHEET 1 = A1 + A2</b>						<b>\$ 90,865.22</b>

**Notes**

1. Double Time (2X) Labor rates are not permitted. JEA will only pay up to 1.5 X the straight time rate for Overtime hours.
2. All Travel shall comply with JEA's Travel Policy. Current IRS.gov mileage rates will apply. Current daily **maximum** Per Diem rate (meals & lodging) per JEA Travel Policy is 150.00.
3. JEA will only pay per diem for Contractors that reside greater than 75 miles one way from the electric plant where the work is being performed - See Technical Specification 13.8.

	Per Diem Rate	Per Diem Subtotal
<b>Per Diem Rate - Respondent Shall Provide Per Diem Rate</b> (JEA will only pay up to \$150.00 / day) (NOT subject to price adjustment) Rate X 500 = subtotal per diem	\$ 73.50	\$ 36,750.00

<b>Total Three Year Bid Price = Input Sheet 1 + Input Sheet 2 + Input Sheet 3 + Input Sheet 4</b>	<b>\$ 733,351.45</b>
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<b>Total Three Year Bid Price - OPTION A</b>	<b>\$ 2,884,627.87</b>
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## Appendix B - Rates Workbook

### 1410431046 - Electric Plant Industrial Cleaning Services

<b>MATERIALS &amp; CONSUMABLES MARKUP - 3 Year Estimate</b>			
DESCRIPTION	ESTIMATED COST	PERCENT	TOTAL COST
Materials Markup - not to exceed 10%	\$100,000.00	10%	\$ 110,000.00
Consumables Markup - not to exceed 10%	\$100,000.00	10%	\$ 110,000.00
<b>TOTAL COST - MATERIALS &amp; CONSUMABLES + MARKUP</b>			<b>\$ 220,000.00</b>

**B1**

<b>EQUIPMENT RENTAL MARKUP - 3 Year Estimate</b>			
DESCRIPTION	ESTIMATED COST	PERCENT	TOTAL COST
Equipment Rental Markup - not to exceed 10% (includes applicable Fuel costs)	\$75,000.00	10%	\$ 82,500.00
<b>TOTAL COST - EQUIPMENT RENTAL + MARKUP</b>			<b>\$ 82,500.00</b>

**B2**

<b>SUBCONTRACT MARKUP - 3 Year Estimate</b>			
DESCRIPTION	ESTIMATED COST	PERCENT	TOTAL COST
Subcontract Markup - not to exceed 10%	\$75,000.00	10%	\$ 82,500.00
<b>TOTAL COST - SUBCONTRACT + MARKUP</b>			<b>\$ 82,500.00</b>

**B3**

<b>EQUIPMENT OPERATING COSTS - 3 Year Estimate</b>					
SUPPORT EQUIPMENT	ESTIMATED UNITS	UNIT	FUEL USE (GAL/HOUR)	COST / UNIT	TOTAL COST (ESTIMATED UNITS x COST / UNIT)
Shutdown / Support Trailer	300	PER SHIFT		\$ 26.25	\$ 7,875.00
Support Vehicle (Fuel & Equipment)	900	PER HOUR	3.00	\$ 5.29	\$ 4,762.80
Roll Off Transport Truck	0	PER HOUR	7.00	\$ 26.25	\$ -
Support Vehicle - Round Trip Mileage, including O&M costs per 12.7.1	6,000	PER MILE	5.00	\$ 1.31	\$ 7,875.00
Frontline Truck (Hydroblast & Vacuum) - Roundtrip Mileage, including O&M costs per 12.7.1	0	PER MILE	9.00	\$ 1.84	\$ -
5,000 Gallon Water Truck w/front bumper mounted cannon, front, rear & side sprayers (Straight Time Rate)	0	PER HOUR	7.00	\$ 68.79	\$ -
5,000 Gallon Water Truck w/front bumper mounted cannon, front, rear & side sprayers (Overtime Rate)	0	PER HOUR		\$ 74.29	\$ -
<b>TOTAL COST - SUPPORT EQUIPMENT</b>					<b>\$ 20,512.80</b>

**B4**

<b>Total Cost Input Sheet 2 = B1 + B2 + B3 +B4</b>	<b>\$ 405,512.80</b>
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## Appendix B - Rates Workbook

### 1410431046 - Electric Plant Industrial Cleaning Services

EQUIPMENT OPERATING COSTS - 3 Year Estimate		Equipment Rate			
HYDROBLAST SERVICES	ESTIMATED UNITS	UNIT	COST / UNIT	FUEL USE (GAL/HOUR)	TOTAL COST (ESTIMATED UNITS x COST / UNIT)
<b>HYDROBLAST EQUIPMENT</b> - Standard hydroblast equipment shall include the pump, water hose, (1) gun or pedal and 200' of High Pressure Blast Hose.					
12,000 PSI Hydroblaster up to 42 GPM	120	PER HOUR	\$ 114.31	9.00	\$ 13,717.62
20,000 PSI Hydroblaster up to 20 GPM	120	PER HOUR	\$ 125.25	9.00	\$ 15,030.00
500 HP Pump, 10,000 PSI, up to 90 GPM	90	PER HOUR	\$ 169.52	15.00	\$ 15,257.03
500 HP Pump, 20,000 PSI, up to 40 GPM	90	PER HOUR	\$ 180.02	15.00	\$ 16,202.03
Hot or Cold Water Pressure Washer - 5,000 PSI	180	PER HOUR	\$ 32.85	3.00	\$ 5,913.81
Sewer Jet Truck	120	PER HOUR	\$ 66.16	7.00	\$ 7,939.26
Sewer Jet - Vacuum Combination Truck	120	PER HOUR	\$ 103.81	9.00	\$ 12,457.62
Automated Lance Machine	120	PER HOUR	\$ 26.25	0.00	\$ 3,150.00
<b>HYDROBLAST ACCESSORIES</b>					
Additional Hydroblast Hose over the 200 foot standard - 50' Sections	90	PER SHIFT	\$ -		\$ -
Interior Tube Cleaning Equipment - Spin Nozzle	45	PER SHIFT	\$ 63.00		\$ 2,835.00
Exterior Surface Cleaning Equipment - Spin Jet	45	PER SHIFT	\$ -		\$ -
10K PSI 2-D or 3-D Cleaning Head	45	PER SHIFT	\$ 131.25		\$ 5,906.25
10K Splitter (MGV) with gun and device	45	PER SHIFT	\$ -		\$ -
20K Splitter (MGV) with gun and device	45	PER SHIFT	\$ -		\$ -
20K PSI 3-D High Volume Cleaning Tool	45	PER SHIFT	\$ 89.25		\$ 4,016.25
20K Gopher	45	PER SHIFT	\$ 84.00		\$ 3,780.00
1/2 inch Hose Reel Machine	40	PER SHIFT	\$ 210.00		\$ 8,400.00
<b>TOTAL COST - HYDROBLAST SERVICES</b>					<b>\$ 114,604.86</b>

**C1**

<b>ULTRA HIGH PRESSURE (UHP) SERVICES</b>					
40,000 PSI UHP Unit - includes UHP unit, 100' hose, one UHP Gun and Control Unit	90	PER HOUR	\$ 187.81	9.00	\$ 16,903.22
Additional UHP Gun	30	PER DAY	\$ -		\$ -
Additional UHP Hose - per 50' sections	120	PER DAY	\$ -		\$ -
<b>TOTAL COST - ULTRA HIGH PRESSURE (UHP) SERVICES</b>					<b>\$ 16,903.22</b>

**C2**

<b>Total Cost Input Sheet 3 = C1 + C2</b>					<b>\$ 131,508.08</b>
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**\$ 131,508.08**

## Appendix B - Rates Workbook

### 1410431046 - Electric Plant Industrial Cleaning Services

EQUIPMENT OPERATING COSTS - 3 Year Estimate		Equipment Rate			
VACUUMING SERVICES	ESTIMATED UNITS	UNIT	COST / UNIT	FUEL USE (GAL/HOUR)	TOTAL COST (ESTIMATED UNITS x COST / UNIT)
VACUUMING SERVICES - Standard Vacuuming Services shall include the vacuum truck and a support truck with 100' of 6" pipe and 100' of hose.					
Wet/Dry Vacuum Truck - 3,000 Gal, 18CY, 27" Vacuum @ 5000 CFM	300	PER HOUR	\$ 72.31	9.00	\$ 21,694.05
Liquid Ring Vacuum Truck (Flammable Service)	30	PER HOUR	\$ 72.31	9.00	\$ 2,169.41
Vacuum Truck - Liquid service only (rotary vane)	30	PER HOUR	\$ 67.06	9.00	\$ 2,011.91
<b>VACUUM ACCESSORIES</b>					
Additional Vacuum Hose / Pipe - 20' Section	600	PER SHIFT	\$ -		\$ -
Metal Flex Vacuum Hose - 20' Section	600	PER SHIFT	\$ 71.40		\$ 42,840.00
Temperature Compensation Device - In Line	300	PER SHIFT	\$ -		\$ -
<b>TOTAL COST - VACUUMING SERVICES</b>					<b>\$ 68,715.36</b>

D1

OTHER SUPPORT EQUIPMENT - FOR INFORMATION ONLY					
Acid/Base Chemical Resistant Suit		EACH	\$ 31.50		
Atmospheric Monitoring Equipment, Portable		PER SHIFT	\$ 84.00		
Breathing Air Filter Box, Portable		PER SHIFT	\$ 84.00		
Coppus Blower, portable ventilator		PER SHIFT	\$ -		
Cut resistant body armor (Kevlar)		PER SHIFT	\$ -		
Duct Tape		EACH	\$ 4.73		
Dust Mask		EACH	\$ 1.31		
Full Face Respirator		PER DAY	\$ 10.50		
Level A PPE		EACH	\$ 21.00		
Level B PPE		EACH	\$ 15.75		
Level C PPE		EACH	\$ -		
Poly Sheeting / Roll (50' roll)		EACH	\$ 57.75		
Portable Lighting		PER SHIFT	\$ 36.75		
Purified Air Powered Respirator (PAPR)		PER SHIFT	\$ 68.25		
Safety Retrieval Device		PER SHIFT	\$ 84.00		
Tyvek Suit		EACH	\$ 4.20		
Waterblast Suit		EACH	\$ 13.65		
LS Diesel Fuel Cost at time of Bid Submission		\$/GAL			
Fuel Surcharge - this is the hourly fuel rate / gallon built into your vehicle & equipment costs		PER HOUR	\$ 2.30		

<b>Total Cost Input Sheet 4 = D1</b>	<b>\$ 68,715.36</b>
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## Appendix B - Rates Workbook

### 1410431046 - Electric Plant Industrial Cleaning Services

<b>OPTION A - Personnel Services - Provide a Hourly Rate for Labor &amp; Equipment Support, Five-Year Duration</b> <b>Assumptions</b> - Up to 40 hours / week, overtime only paid after 40 hours OT only up to 1.5 X hourly rate, no double time allowed. JEA may work crews on alternate work schedules, within the weekly payroll period, days, nights, 4 / 10's, less than 40 hours, etc. non-consumable personnel equipment shall be included in hourly rates (i.e. Boots, Blast suits, ANSI gloves).								
#	PERSONNEL SERVICES	QUANTITY	UNIT OF MEASURE	Hourly Rate	Hours / Week	Overtime Hourly Rate Max. 1.5X (not evaluated)	Weeks / 5 Years	TOTAL COST - FIVE YEARS
1	SUPERINTENDENT	1	\$ / Hour	\$ 49.04	40	\$ 63.74	156	\$ 305,978.40
2	EQUIPMENT OPERATOR	4	\$ / Hour	\$ 29.96	40	\$ 38.96	156	\$ 747,714.24
3	TECHNICIAN	6	\$ / Hour	\$ 27.25	40	\$ 35.41	156	\$ 1,020,146.40
<b>OPTION A - Vacuum Equipment - Provide a Daily, Weekly and Monthly rate for the following vacuum equipment rental.</b> <b>Assumptions</b> - Monthly Rate on all equipment is regardless of run hours. * The Company is responsible to track run hours to manage equipment maintenance. * If the equipment is removed from the site for maintenance or repair, a replacement shall be provided. * A piece of equipment onsite that is non-operational for > 24 hrs shall be replaced.								
#	VACUUM EQUIPMENT	Quantity				Monthly Rate	Months in 3 years	5 Year Total
4	WET/DRY VACUUM TRUCK - 3,000 GAL, 18CY 27" VACUUM AT 5000 CFM	3				\$ 5,915.01	36	\$ 638,820.76
5	VACUUM PIPE 6" - 20' SECTIONS	10				\$ -	36	\$ -
6	METAL FLEX VACUUM HOSE 6" - 20' SECTIONS	6				\$ 46.90	36	\$ 10,131.16
7	METAL FLEX VACUUM HOSE 4" - 20' SECTIONS	6				\$ 39.38	36	\$ 8,505.00
8	SAFETY VACUUM BREAK 6"	3				\$ -	36	\$ -
9	SAFETY VACUUM BREAK 4"	3				\$ -	36	\$ -

## Appendix B - Rates Workbook

**OPTION A - Hydroblast Equipment - Monthly rate for the following vacuum equipment rental.**

**Assumptions** - Monthly Rate on all equipment is regardless of run hours.

\* The Company is responsible to track run hours to manage equipment maintenance.

\* If the equipment is removed from the site for maintenance or repair, a replacement shall be provided.

\* A piece of equipment onsite that is non-operational for > 24 hrs shall be replaced.

#	HYDROBLASTING EQUIPMENT	Quantity		Monthly Rate	Months in 5 years	5 Year Total
10	12,000 PSI HYDROBLASTER UP TO 42 GPM	1		\$ 3,412.50	36	\$ 122,850.00
11	10,000 PSI 3-D CLEANING HEAD	1		\$ -	36	\$ -
12	10,000 PSI 2-D CLEANING HEAD	1		\$ -	36	\$ -
13	EXTERIOR SURFACE CLEANING EQUIPMENT - SPIN JET	1		\$ -	36	\$ -
14	3/4" HP SUPPLY HOSE 10,000 PSI	4		\$ -	36	\$ -
15	1/2" HP SUPPLY HOSE 15,000 PSI	4		\$ -	36	\$ -
16	3/8" HP SUPPLY HOSE 15,000 PSI	2		\$ -	36	\$ -
17	1/4" FLEX LANCE THERMOPLASTIC 15,000 PSI	1		\$ -	36	\$ -
18	5/16" FLEX LANCE THERMOPLASTIC 15,000 PSI	1		\$ -	36	\$ -
19	20k Gopher Pipe Cleaning Nozzle	<u>1</u>		\$ -	36	\$ -
20	15K Dump Style Hand-Held Control Gun	<u>1</u>		\$ -	36	\$ -
21	15K Dump Style Foot - Valve	<u>1</u>		\$ -	36	\$ -
#	SUPPORT EQUIPMENT	Quantity		Monthly Rate	Months in 5 years	5 Year Total
22	PULL BEHIND TRAILER	1		\$ -	36	\$ -
23	SUPPORT VEHICLE (EQUIPMENT & ACCESSORIES)	1		\$ 846.72	36	\$ 30,481.92
24	GOLF CART (to include gas and all maintenance costs)	3		\$ -	36	\$ -
#	SUPPORT EQUIPMENT (consumables)	Quantity		Monthly Rate	Months in 5 years	5 Year Total
25	DUCT TAPE	96		\$ 4.73	36	\$ 16,329.60
26	DUST MASK	194		\$ 1.31	36	\$ 9,166.50
27	TYVEK SUIT	194		\$ 4.20	36	\$ 29,332.80

<b>Total Cost OPTION A - THREE YEAR TOTAL</b>	<b>\$ 2,884,627.87</b>
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**JEA WILL SUPPLY THE FOLLOWING:**

FUEL (ON-ROAD) ULTRA LOW SULFUR DIESEL, ALTERNATIVELY JEA MAY ELECT TO HAVE CONTRACTOR PROVIDE FUEL AT COST

6" VACUUM FLEX HOSES

4" VACUUM FLEX HOSES

CONFINED SPACE MONITOR

## Appendix B - Rates Workbook

### 1410431046 ELECTRIC PLANT INDUSTRIAL CLEANING SERVICES - RESPONDENT RATES WORKBOOK

#### Hourly Labor Rates and Per Diem Costs (3-Year Estimate) - Fill in the Yellow Cells Only

#### Labor

LABOR CLASSIFICATION	ESTIMATED ST HRS	ST RATE (\$/HR)	ESTIMATED ST LABOR COST	ESTIMATED OT HRS	OT RATE <sup>1</sup> Up to 1.5 X Str. Time	ESTIMATED OT LABOR COST
PROJECT MANAGER	60	\$ 51.56	\$ 3,093.60	30	\$ 77.34	\$ 2,320.20
SUPERINTENDENT	150	\$ 46.86	\$ 7,029.00	150	\$ 70.29	\$ 10,543.50
SAFETY ENGINEER	150	\$ 56.38	\$ 8,457.00	150	\$ 84.57	\$ 12,685.50
CREW LEADER	300	\$ 39.08	\$ 11,724.00	150	\$ 58.62	\$ 8,793.00
EQUIPMENT OPERATOR	300	\$ 32.56	\$ 9,768.00	150	\$ 48.84	\$ 7,326.00
TECHNICIAN	300	\$ 28.03	\$ 8,409.00	150	\$ 42.05	\$ 6,307.50
LABORER / HELPER	300	\$ 24.96	\$ 7,488.00	150	\$ 37.44	\$ 5,616.00
<b>Subtotal - Straight Time Labor Cost</b>			<b>\$ 55,968.60</b>	<b>Subtotal - OT Labor Cost</b>		<b>\$ 53,591.70</b>
			<b>A1</b>			<b>A2</b>
<b>TOTAL COST INPUT SHEET 1 = A1 + A2</b>						<b>\$ 109,560.30</b>

**Notes**

1. Double Time (2X) Labor rates are not permitted. JEA will only pay up to 1.5 X the straight time rate for Overtime hours.
2. All Travel shall comply with JEA's Travel Policy. Current IRS.gov mileage rates will apply. Current daily **maximum** Per Diem rate (meals & lodging) per JEA Travel Policy is 150.00.
3. JEA will only pay per diem for Contractors that reside greater than 75 miles one way from the electric plant where the work is being performed - See Technical Specification 13.8.

	Per Diem Rate	Per Diem Subtotal
<b>Per Diem Rate - Respondent Shall Provide Per Diem Rate</b> (JEA will only pay up to \$150.00 / day) (NOT subject to price adjustment) Rate X 500 = subtotal per diem	<b>\$ 150.00</b>	<b>\$ 75,000.00</b>

<b>Total Three Year Bid Price = Input Sheet 1 + Input Sheet 2 + Input Sheet 3 + Input Sheet 4</b>	<b>\$ 708,935.30</b>
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<b>Total Three Year Bid Price - OPTION A</b>	<b>\$ 3,454,012.80</b>
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## Appendix B - Rates Workbook

### 1410431046 - Electric Plant Industrial Cleaning Services

<b>MATERIALS &amp; CONSUMABLES MARKUP - 3 Year Estimate</b>			
DESCRIPTION	ESTIMATED COST	PERCENT	TOTAL COST
Materials Markup - not to exceed 10%	\$100,000.00	10%	\$ 110,000.00
Consumables Markup - not to exceed 10%	\$100,000.00	10%	\$ 110,000.00
<b>TOTAL COST - MATERIALS &amp; CONSUMABLES + MARKUP</b>			<b>\$ 220,000.00</b>

B1

<b>EQUIPMENT RENTAL MARKUP - 3 Year Estimate</b>			
DESCRIPTION	ESTIMATED COST	PERCENT	TOTAL COST
Equipment Rental Markup - not to exceed 10% (includes applicable Fuel costs)	\$75,000.00	10%	\$ 82,500.00
<b>TOTAL COST - EQUIPMENT RENTAL + MARKUP</b>			<b>\$ 82,500.00</b>

B2

<b>SUBCONTRACT MARKUP - 3 Year Estimate</b>			
DESCRIPTION	ESTIMATED COST	PERCENT	TOTAL COST
Subcontract Markup - not to exceed 10%	\$75,000.00	10%	\$ 82,500.00
<b>TOTAL COST - SUBCONTRACT + MARKUP</b>			<b>\$ 82,500.00</b>

B3

<b>EQUIPMENT OPERATING COSTS - 3 Year Estimate</b>					
SUPPORT EQUIPMENT	ESTIMATED UNITS	UNIT	FUEL USE (GAL/HOUR)	COST / UNIT	TOTAL COST (ESTIMATED UNITS x COST / UNIT)
Shutdown / Support Trailer	300	PER SHIFT		\$ 75.00	\$ 22,500.00
Support Vehicle (Fuel & Equipment)	900	PER HOUR	0.00	\$ 17.00	\$ 15,300.00
Roll Off Transport Truck	0	PER HOUR	0.00	\$ 35.00	\$ -
Support Vehicle - Round Trip Mileage, including O&M costs per 12.7.1	6,000	PER MILE	0.00	\$ 0.90	\$ 5,400.00
Frontline Truck (Hydroblast & Vacuum) - Roundtrip Mileage, including O&M costs per 12.7.1	0	PER MILE	0.00	\$ 1.45	\$ -
5,000 Gallon Water Truck w/front bumper mounted cannon, front, rear & side sprayers (Straight Time Rate)	0	PER HOUR	0.00	\$ 35.00	\$ -
5,000 Gallon Water Truck w/front bumper mounted cannon, front, rear & side sprayers (Overtime Rate)	0	PER HOUR		\$ 35.00	\$ -
<b>TOTAL COST - SUPPORT EQUIPMENT</b>					<b>\$ 43,200.00</b>

B4

<b>Total Cost Input Sheet 2 = B1 + B2 + B3 +B4</b>	<b>\$ 428,200.00</b>
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## Appendix B - Rates Workbook

### 1410431046 - Electric Plant Industrial Cleaning Services

EQUIPMENT OPERATING COSTS - 3 Year Estimate		Equipment Rate			
HYDROBLAST SERVICES	ESTIMATED UNITS	UNIT	COST / UNIT	FUEL USE (GAL/HOUR)	TOTAL COST (ESTIMATED UNITS x COST / UNIT)
<b>HYDROBLAST EQUIPMENT</b> - Standard hydroblast equipment shall include the pump, water hose, (1) gun or pedal and 200' of High Pressure Blast Hose.					
12,000 PSI Hydroblaster up to 42 GPM	120	PER HOUR	\$ 45.00	0.00	\$ 5,400.00
20,000 PSI Hydroblaster up to 20 GPM	120	PER HOUR	\$ 45.00	0.00	\$ 5,400.00
500 HP Pump, 10,000 PSI, up to 90 GPM	90	PER HOUR	\$ 55.00	0.00	\$ 4,950.00
500 HP Pump, 20,000 PSI, up to 40 GPM	90	PER HOUR	\$ 55.00	0.00	\$ 4,950.00
Hot or Cold Water Pressure Washer - 5,000 PSI	180	PER HOUR	\$ 25.00	0.00	\$ 4,500.00
Sewer Jet Truck	120	PER HOUR	\$ 40.00	0.00	\$ 4,800.00
Sewer Jet - Vacuum Combination Truck	120	PER HOUR	\$ 45.00	0.00	\$ 5,400.00
Automated Lance Machine	120	PER HOUR	\$ 20.00	0.00	\$ 2,400.00
<b>HYDROBLAST ACCESSORIES</b>					
Additional Hydroblast Hose over the 200 foot standard - 50' Sections	90	PER SHIFT	\$ -		\$ -
Interior Tube Cleaning Equipment - Spin Nozzle	45	PER SHIFT	\$ 25.00		\$ 1,125.00
Exterior Surface Cleaning Equipment - Spin Jet	45	PER SHIFT	\$ 25.00		\$ 1,125.00
10K PSI 2-D or 3-D Cleaning Head	45	PER SHIFT	\$ 25.00		\$ 1,125.00
10K Splitter (MGV) with gun and device	45	PER SHIFT	\$ 15.00		\$ 675.00
20K Splitter (MGV) with gun and device	45	PER SHIFT	\$ 15.00		\$ 675.00
20K PSI 3-D High Volume Cleaning Tool	45	PER SHIFT	\$ 25.00		\$ 1,125.00
20K Gopher	45	PER SHIFT	\$ 15.00		\$ 675.00
1/2 inch Hose Reel Machine	40	PER SHIFT	\$ 25.00		\$ 1,000.00
<b>TOTAL COST - HYDROBLAST SERVICES</b>					<b>\$ 45,325.00</b>

**C1**

<b>ULTRA HIGH PRESSURE (UHP) SERVICES</b>					
40,000 PSI UHP Unit - includes UHP unit, 100' hose, one UHP Gun and Control Unit	90	PER HOUR	\$ 75.00	0.00	\$ 6,750.00
Additional UHP Gun	30	PER DAY	\$ -		\$ -
Additional UHP Hose - per 50' sections	120	PER DAY	\$ -		\$ -
<b>TOTAL COST - ULTRA HIGH PRESSURE (UHP) SERVICES</b>					<b>\$ 6,750.00</b>

**C2**

<b>Total Cost Input Sheet 3 = C1 + C2</b>					<b>\$ 52,075.00</b>
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**\$ 52,075.00**

## Appendix B - Rates Workbook

### 1410431046 - Electric Plant Industrial Cleaning Services

EQUIPMENT OPERATING COSTS - 3 Year Estimate		Equipment Rate			
VACUUMING SERVICES	ESTIMATED UNITS	UNIT	COST / UNIT	FUEL USE (GAL/HOUR)	TOTAL COST (ESTIMATED UNITS x COST / UNIT)
VACUUMING SERVICES - Standard Vacuuming Services shall include the vacuum truck and a support truck with 100' of 6" pipe and 100' of hose.					
Wet/Dry Vacuum Truck - 3,000 Gal, 18CY, 27" Vacuum @ 5000 CFM	300	PER HOUR	\$ 92.00	0.00	\$ 27,600.00
Liquid Ring Vacuum Truck (Flammable Service)	30	PER HOUR	\$ 75.00	0.00	\$ 2,250.00
Vacuum Truck - Liquid service only (rotary vane)	30	PER HOUR	\$ 75.00	0.00	\$ 2,250.00
<b>VACUUM ACCESSORIES</b>					
Additional Vacuum Hose / Pipe - 20' Section	600	PER SHIFT	\$ 10.00		\$ 6,000.00
Metal Flex Vacuum Hose - 20' Section	600	PER SHIFT	\$ 10.00		\$ 6,000.00
Temperature Compensation Device - In Line	300	PER SHIFT	-		-
<b>TOTAL COST - VACUUMING SERVICES</b>					<b>\$ 44,100.00</b>

D1

OTHER SUPPORT EQUIPMENT - FOR INFORMATION ONLY					
Acid/Base Chemical Resistant Suit		EACH	\$ 45.00		
Atmospheric Monitoring Equipment, Portable		PER SHIFT	\$ 125.00		
Breathing Air Filter Box, Portable		PER SHIFT	\$ 150.00		
Coppus Blower, portable ventilator		PER SHIFT	\$ 25.00		
Cut resistant body armor (Kevlar)		PER SHIFT	\$ 50.00		
Duct Tape		EACH	\$ 7.50		
Dust Mask		EACH	\$ 7.25		
Full Face Respirator		PER DAY	\$ 13.00		
Level A PPE		EACH	\$ 950.00		
Level B PPE		EACH	\$ 300.00		
Level C PPE		EACH	\$ 150.00		
Poly Sheeting / Roll (50' roll)		EACH	\$ 50.00		
Portable Lighting		PER SHIFT	\$ 25.00		
Purified Air Powered Respirator (PAPR)		PER SHIFT	\$ 50.00		
Safety Retrieval Device		PER SHIFT	\$ 100.00		
Tyvek Suit		EACH	\$ 8.00		
Waterblast Suit		EACH	\$ 17.00		
LS Diesel Fuel Cost at time of Bid Submission		\$/GAL	\$ 3.34		
Fuel Surcharge - this is the hourly fuel rate / gallon built into your vehicle & equipment costs		PER HOUR	\$ 2.00		

<b>Total Cost Input Sheet 4 = D1</b>	<b>\$ 44,100.00</b>
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## Appendix B - Rates Workbook

### 1410431046 - Electric Plant Industrial Cleaning Services

<b>OPTION A - Personnel Services - Provide a Hourly Rate for Labor &amp; Equipment Support, Five-Year Duration</b> <b>Assumptions</b> - Up to 40 hours / week, overtime only paid after 40 hours OT only up to 1.5 X hourly rate, no double time allowed. JEA may work crews on alternate work schedules, within the weekly payroll period, days, nights, 4 / 10's, less than 40 hours, etc. non-consumable personnel equipment shall be included in hourly rates (i.e. Boots, Blast suits, ANSI gloves).								
#	PERSONNEL SERVICES	QUANTITY	UNIT OF MEASURE	Hourly Rate	Hours / Week	Overtime Hourly Rate Max. 1.5X (not evaluated)	Weeks / 5 Years	TOTAL COST - FIVE YEARS
1	SUPERINTENDENT	1	\$ / Hour	\$ 48.75	40	\$ 73.13	156	\$ 304,200.00
2	EQUIPMENT OPERATOR	4	\$ / Hour	\$ 33.93	40	\$ 50.90	156	\$ 846,892.80
3	TECHNICIAN	6	\$ / Hour	\$ 29.50	40	\$ 44.25	156	\$ 1,104,480.00
<b>OPTION A - Vacuum Equipment - Provide a Daily, Weekly and Monthly rate for the following vacuum equipment rental.</b> <b>Assumptions</b> - Monthly Rate on all equipment is regardless of run hours. * The Company is responsible to track run hours to manage equipment maintenance. * If the equipment is removed from the site for maintenance or repair, a replacement shall be provided. * A piece of equipment onsite that is non-operational for > 24 hrs shall be replaced.								
#	VACUUM EQUIPMENT	Quantity				Monthly Rate	Months in 3 years	5 Year Total
4	WET/DRY VACUUM TRUCK - 3,000 GAL, 18CY 27" VACUUM AT 5000 CFM	3				\$ 7,915.00	36	\$ 854,820.00
5	VACUUM PIPE 6" - 20' SECTIONS	10				\$ -	36	\$ -
6	METAL FLEX VACUUM HOSE 6" - 20' SECTIONS	6				\$ -	36	\$ -
7	METAL FLEX VACUUM HOSE 4" - 20' SECTIONS	6				\$ -	36	\$ -
8	SAFETY VACUUM BREAK 6"	3				\$ -	36	\$ -
9	SAFETY VACUUM BREAK 4"	3				\$ -	36	\$ -

## Appendix B - Rates Workbook

### OPTION A - Hydroblast Equipment - Monthly rate for the following vacuum equipment rental.

**Assumptions** - Monthly Rate on all equipment is regardless of run hours.

\* The Company is responsible to track run hours to manage equipment maintenance.

\* If the equipment is removed from the site for maintenance or repair, a replacement shall be provided.

\* A piece of equipment onsite that is non-operational for > 24 hrs shall be replaced.

#	HYDROBLASTING EQUIPMENT	Quantity		Monthly Rate	Months in 5 years	5 Year Total
10	12,000 PSI HYDROBLASTER UP TO 42 GPM	1		\$ 5,300.00	36	\$ 190,800.00
11	10,000 PSI 3-D CLEANING HEAD	1		\$ 225.00	36	\$ 8,100.00
12	10,000 PSI 2-D CLEANING HEAD	1		\$ 50.00	36	\$ 1,800.00
13	EXTERIOR SURFACE CLEANING EQUIPMENT - SPIN JET	1		\$ 10.00	36	\$ 360.00
14	3/4" HP SUPPLY HOSE 10,000 PSI	4		\$ -	36	\$ -
15	1/2" HP SUPPLY HOSE 15,000 PSI	4		\$ -	36	\$ -
16	3/8" HP SUPPLY HOSE 15,000 PSI	2		\$ -	36	\$ -
17	1/4" FLEX LANCE THERMOPLASTIC 15,000 PSI	1		\$ -	36	\$ -
18	5/16" FLEX LANCE THERMOPLASTIC 15,000 PSI	1		\$ -	36	\$ -
19	20k Gopher Pipe Cleaning Nozzle	<u>1</u>		\$ 10.00	36	\$ 360.00
20	15K Dump Style Hand-Held Control Gun	<u>1</u>		\$ -	36	\$ -
21	15K Dump Style Foot - Valve	<u>1</u>		\$ -	36	\$ -
#	SUPPORT EQUIPMENT	Quantity		Monthly Rate	Months in 5 years	5 Year Total
22	PULL BEHIND TRAILER	1		\$ 100.00	36	\$ 3,600.00
23	SUPPORT VEHICLE (EQUIPMENT & ACCESSORIES)	1		\$ 1,750.00	36	\$ 63,000.00
24	GOLF CART (to include gas and all maintenance costs)	3		\$ 700.00	36	\$ 75,600.00
#	SUPPORT EQUIPMENT (consumables)	Quantity		Monthly Rate	Months in 5 years	5 Year Total
25	DUCT TAPE	96		\$ 7.50	36	\$ 25,920.00
26	DUST MASK	194		\$ 7.25	36	\$ 50,634.00
27	TYVEK SUIT	194		\$ 8.00	36	\$ 55,872.00

**Total Cost OPTION A - THREE YEAR TOTAL**

**\$ 3,454,012.80**

**JEA WILL SUPPLY THE FOLLOWING:**

FUEL (ON-ROAD) ULTRA LOW SULFUR DIESEL, ALTERNATIVELY JEA MAY ELECT TO HAVE CONTRACTOR PROVIDE FUEL AT COST

6" VACUUM FLEX HOSES

4" VACUUM FLEX HOSES

CONFINED SPACE MONITOR



## Formal Bid and Award System

Award #15 December 16, 2021

**Type of Award Request:** RENEWAL  
**Requestor Name:** Gonzalez Vargas, Freddy - Mgr Wastewater Treatment and Reuse  
**Requestor Phone:** (939) 252-0641  
**Project Title:** Liquid Emulsion Polymer  
**Project Number:** Various  
**Project Location:** JEA  
**Funds:** O&M  
**Budget Estimate:** \$1,488,178.77 (Budget Amount)  
**Scope of Work:**

The purpose of this Invitation for Bid (IFB) is to solicit competitive Bids from a supplier that can reliably supply bulk liquid emulsion polymer for use in the thickening and drying of wastewater biosolids.

**JEA IFB/RFP/State/City/GSA#:** 115-16

**Purchasing Agent:** Brown, Darriel D.

**Is this a Ratification?:** YES (Partial)

The updated pricing took effect on 12/01/2021. No payments have been made under the updated pricing system.

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
POLYDYNE INC.	Chris Cherp	ccherp@polydyneinc.com	One Chemical Plant Rd. Riceboro, GA 31323	(941)961-3998	\$1,488,178.77

**Amount of Original Award:** \$3,490,500.00  
**Date of Original Award:** 02/09/2017  
**Change Order Amount:** \$1,488,178.77  
**New Not-To-Exceed Amount:** \$4,978,678.77  
**Length of Contract/PO Term:** Five (5) Years w/One (1) – 1 Yr. Renewal  
**Begin Date:** 02/09/2017  
**End Date:** 02/08/2023  
**Renewal Options:** None Remaining  
**JSEB Requirement:** N/A – Specialty services

### Background/Recommendations:

Originally approved by the Awards Committee on 02/09/2017 in the amount of \$3,490,500.00. A copy of the award document is attached for reference.

Under the original contract, JEA received fixed pricing of \$0.537/lb for the 5-year term of the contract. When JEA notified Polydyne of the intent to renew the contract, Polydyne asked for a new price of \$1.70/lb (217% increase) for the 1-year renewal term; or alternatively, \$1.40/lb (161% increase) if JEA agreed to an increase starting 12/01/2021. Polydyne stated these increases were due to increased costs in raw materials, as well as increased transportation/trucking costs. JEA researched market conditions, and

pricing with other utilities, and determined that this increase was more favorable than pricing that would have resulted from going to bid. This research showed that Hillsborough County, FL had accepted an increase from \$1.05/lb to \$1.35/lb as the result of a renewal. The research also showed that the City of Boca Raton, FL conducted a bid that resulted in their pricing increasing from \$1.00/lb to \$1.75/lb with Polydyne, Inc. as the lowest bidder. The market demand for polymers has increased dramatically since these polymers were initially bid, as well as a condensed supplier base due to mergers and acquisitions. JEA has decided that it in our best interest to renew with this price increase. JEA is awarding to our updated budget for polymers with Polydyne. JEA will be bidding out the purchase of these chemicals prior to the end of the renewal term.

Request approval to award a contract renewal to Polydyne Inc. for Liquid Emulsion Polymer in the amount of \$1,488,178.77, for a new not-to-exceed of \$4,978,678.77, subject to the availability of lawfully appropriated funds.

**Director:** Sgambettera, John J. - Dir WW and Reuse Treatment

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

**APPROVALS:**

Stephen Datz 12/16/21  
**Chairman, Awards Committee** **Date**

Laure A Whitmer 12/20/21  
**Budget Representative** **Date**



## Formal Bid and Award System

Award #4 February 9, 2017

**Type of Award Request:** BID (IFB)  
**Request #:** 663  
**Requestor Name:** Crosby, Charles F. - Mgr, WW Treatment Reuse West  
**Requestor Phone:** (904) 665-8376  
**Project Title:** Liquid Emulsion Polymer  
**Project Number:** HW30140 and HW30131  
**Project Location:** JEA  
**Funds:** O&M  
**Award Estimate:** \$7,500,000.00 (historical five (5) year spend)  
**Scope of Work:**

The purpose of this Invitation for Bid (IFB) is to solicit competitive Bids from a supplier that can reliably supply bulk liquid emulsion polymer for use in the thickening and drying of waste water biosolids.

**JEA IFB/RFP/State/City/GSA#:** 115-16  
**Purchasing Agent:** Lovgren, Rodney Dennis  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
POLYDYNE INC	Y BAILEY	ybailey@snfhc.com	One Chemical Plant Rd. Riceboro GA 31323	(912) 880-8013	\$3,490,500.00

**Amount for entire term of Contract/PO:** \$3,490,500.00  
**Award Amount for remainder of this FY:** \$436,312.50  
**Length of Contract/PO Term:** Five (5) Years w/One (1) – 1 Yr. Renewal  
**Begin Date (mm/dd/yyyy):** 02/15/2017  
**End Date (mm/dd/yyyy):** 02/14/2022  
**Renewal Options:** YES – One (1) – 1 Yr. Renewal  
**JSEB Requirement:** N/A – Specialty services  
**Comments on JSEB Requirements:** No JSEB Available

### BIDDERS:

Name	Amount
POLYDYNE, INC.	\$3,490,500.00
SOLENIS, LLC	\$5,135,000.00
KEMIRA CHEMICALS, INC.	\$5,174,000.00
BASF CORPORATION	\$5,382,000.00

**Background/Recommendations:**

Advertised 12/13/2016. Five (5) companies attended the mandatory pre-bid meeting on 12/20/2016. At bid opening on 01/24/2017, JEA received four (4) bids. Polydyne, Inc. is the lowest responsive and responsible bidder. A copy of the Bid Form and Bid Workbook is attached.

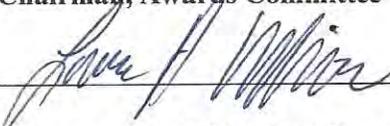
When comparing current pricing with the bid pricing, Polydyne (incumbent) decreased their price by forty-two percent (42%), for a total forecast cost savings of \$2,489,500.00 on an estimated usage of 6.5 million pounds. The price reduced by \$.383 per pound, from \$.920 to \$.537 per pound. The unit price per pound is fixed over the five (5) year term.

This was originally bid out to only manufacturers by Colectric in 2012, with a fixed price for the contract term through March 31, 2017. Discussions with Polydyne took place to review and confirm the validity of the large decrease in unit pricing. The change in JEA's approach to bidding these services to include manufacturers and distributors, increased competition which caused the incumbent to bid more aggressively. The pricing is also based on indices that loosely follow various petroleum and plastic / resin, which have decreased since the last bid.

115-16 – Request approval to award a five (5) year contract to Polydyne, Inc. for bulk liquid emulsion polymer in the amount of \$3,490,500.00, subject to the availability of lawfully appropriated funds.

**Director:** Calhoun Jr., Deryle I. - Dir, Water, Wastewater & Reuse Treatment  
**VP:** Roche, Brian J. - VP/GM Water Wastewater Systems

**APPROVALS:**

	<u>2/9/17</u>
<b>Chairman, Awards Committee</b>	<b>Date</b>
	<u>2/9/17</u>
<b>Manager, Capital Budget Planning</b>	<b>Date</b>

**APPENDIX B  
 BID FORM FOR SOLICITATION # 115-16**

**BULK LIQUID POLYMER EMULSION SUPPLY AND DELIVERY**

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

Company Name: Polydyne Inc.

Company's Address One Chemical Plant Rd., Riceboro, GA 31323

License Number (if applicable) Florida Foreign Profit Corporation Number F01000005154 (form attached)

Phone Number: (912) 880-2035 FAX No: (912) 880-2078 Email Address: polybiddpt@snfhc.com

**BID SECURITY REQUIREMENTS**

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

**TERM OF CONTRACT**

- One Time Purchase
- Annual Requirements – Five (5) years, one optional 1 year renewal
- Other, Specify- Project Completion

**SAMPLE REQUIREMENTS**

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

**SECTION 255.05, FLORIDA STATUTES CONTRACT BOND**

- None required
- Bond required 100% of Bid Award

**QUANTITIES**

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

**INSURANCE REQUIREMENTS**

**Insurance required**

**PAYMENT DISCOUNTS**

- 1% 20, net 30
- 2% 10, net 30
- Other \_\_\_\_\_
- None Offered

Item No.	ENTER YOUR BID FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES	Estimated Five Year Quantity	Unit Price / lb	TOTAL BID PRICE
1	Delivery of Polymer per the Technical specification (freight included) Clarifloc SE-1335	6,500,000 lbs	\$ 0.537/Lb.	\$ 3,490,500.00

**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 \_\_\_\_\_

01/19/17

Handwritten Signature of Authorized Officer of Company or Agent

Date

1 through 1

Mark Schlag, Vice-President

Printed Name and Title