

# Welcome to the JEA Awards Meeting

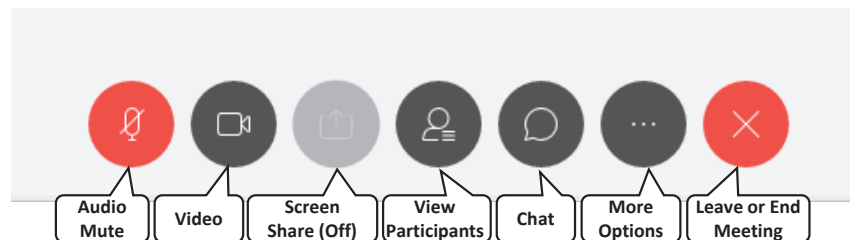
You have been joined to the meeting with your **audio muted** by default.

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 **Aileen Cruz** at **cruza@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 **Aileen Cruz** by telephone at **(904) 703-0996** or by email at **cruza@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, June 30, 2022

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

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

### **Public Comments:**

### **Awards:**

1. Approval of the minutes from the last meeting (06/23/2022).
2. 1410616646 – Request approval to award a contract to Petticoat Schmitt Civil Constructors, Inc. Construction Services for Monterey - Townsend Pump Station Project in the amount of \$4,169,000.00, subject to the availability of lawfully appropriated funds.
3. 1410678046 - Request approval to rescind this solicitation, and reject all Responses received in anticipation of rebidding.
4. Request approval to award a one (1) year contract renewal to MTM Recognition Corporation for the Rewards and Recognition Program in the amount of \$171,791.64, for a new not-to-exceed amount of \$806,927.64, subject to the availability of lawfully appropriated funds.
5. Request approval to award a contract increase to Marietta Sand for Marietta Sand services in the amount of \$359,700.00 for a new not-to-exceed amount of \$1,154,937.00, subject to the availability of lawfully appropriated funds.
6. 1410621046– Request approval to award a contracts to Petticoat-Schmitt Civil Contractors, Inc. (\$7,000,000.00), J.B. Coxwell Contracting, Inc. (\$7,000,000.00), and T.G. Utility Company, Inc. (\$7,000,000.00) for continuing construction services for the Galvanized Pipe Program in the amount of \$21,000,000.00, subject to the availability of lawfully appropriated funds.
7. Request approval to award a single source contract ABB, Inc. for Northside Generating Station Unit 34 MCC Upgrade in the amount of \$502,803.00, subject to the availability of lawfully appropriated funds.
8. 1410753646 – Request approval to award a contract to M Gay Constructors, Inc. for Purchase and Installation of Bartram Substation Tower Foundation at 4503 Race Track Rd, Jacksonville, FL 32259 in the amount of \$469,300.00, subject to the availability of lawfully appropriated funds.
9. Request approval to award an amendment for increase to the contract with Orlando Freightliner for the purchase of vehicles for JEA's FY23 heavy duty fleet capital requirements in the amount of \$419,697.00, for a total not-to-exceed amount for all contracts of \$3,046,472.17, subject to the availability of lawfully appropriated funds.
10. Request approval the contract renewal and increase to award contracts for the supply of Pole Line Hardware



Material for JEA Inventory Stock in the amounts of \$3,800,070.07 to Stuart C Irby CO, \$946,951.00 to Gresco Supply, Inc., \$7,065,025.34 to Anixter and \$104,944.17 to Tri-state, for a total not-to-exceed amount of \$18,905,492.38, subject to the availability of lawfully appropriated funds.

11. Request approval to award a contract amendment with Garber Ford Inc. for the purchase of fifteen (15) Class 130 Vans for FY 23 in the amount of \$986,415.00, for a total not-to-exceed amount of \$3,601,881.00, subject to the availability of lawfully appropriated funds.

**Informational Items:** N/A

**Open Discussion:** N/A

**Public Notice:** N/A

**General Business:** N/A

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

## 06-30-2022 Awards Committee

	<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 06/23/2022 meeting.
2	INVITATION FOR BID (IFB) 2 Bidders	Vu	\$3,710,156.00	\$4,169,000.00	PETTICOAT SCHMITT CIVIL CONTRACTORS, INC.	Project Completion (Estimated: October 2023)	<p><b><u>Construction Services for Monterey - Townsend Pump Station Project</u></b></p> <p>The project consists of the demolition of an existing pump station and the construction of a new submersible pump station on Owner utility easements at 3254 Townsend Boulevard, in the City of Jacksonville, FL. The major work proposed under this contract includes construction of the new pump station, demolition work, and salvage of equipment. The construction shall neither result in a disruption of, nor interfere with, the functional workings of any existing utilities.</p> <p>The existing pump station needs significant repairs and is smaller than the current JEA Class III Standards. The existing pump station is also inside the 100-year flood plain of Newcastle creek. The existing pump station will be at a higher elevation, supplied with larger pumps and will meet current JEA Resiliency requirements.</p> <p>The award amount of \$4,169,000.00 is approximately 12.4% higher than the budget estimate. The project team has reviewed this project and has deemed this bid reasonable based on current market conditions. The variance can primarily be attributed to economic conditions impacting cost of materials, supplies and shipping. Another factor is that additional manholes and associated piping that were not included at the time of the original estimate. These will be installed to allow for safe bypassing of the pump station during construction in accordance with the new 2022 JEA Bypass Pumping Requirements.</p> <p>1410616646 – Request approval to award a contract to Petticoat Schmitt Civil Constructors, Inc. Construction Services for Monterey - Townsend Pump Station Project in the amount of \$4,169,000.00, subject to the availability of lawfully appropriated funds.</p>
3	RESCIND	Vu	\$1,250,000.00	N/A	N/A	N/A	<p><b><u>Buckman Industrial Cleaning Services</u></b></p> <p>JEA is soliciting bid pricing for hydroblast and vacuum industrial cleaning services to remove and dispose of floating and solidified fats, oils, grease (FOG), rags, leachate, hypochlorite, polymer, ferric chloride acid, activated carbon, resin, sludge, biosolids residuals and dewatering</p>

## 06-30-2022 Awards Committee

							<p>and other entrained debris from Buckman Water Reclamation Facility (Biosolid and Wastewater Treatment).</p> <p>The bids received for this yielded a significant variation in the bid workbooks submissions. JEA determined that the variations in submissions were too significant for an objective comparison between the two bids that were submitted. JEA has determined that it would be better for this work to be bid as an Intent to Negotiate (ITN).</p> <p>This request is to rescind with the intent to rebid. All pricing will be held confidential for 12 months or, if earlier, such time as JEA provides notice of an intended decision concerning the reissued solicitation or until JEA withdraws the reissued solicitation.</p>
4	RENEWAL	Emanuel	\$171,791.64	\$171,791.64	MTM RECOGNITION CORPORATION	Three (3) Years w/Two (2) – 1 Yr. Renewals	<p><b><u>Rewards and Recognition Program</u></b></p> <p>This request is for a renewal of the Rewards and Recognition Program services. JEA solicited services from a vendor to assist in the design and administration of a Rewards and Recognition program to include, but not limited to service pin design and fulfillment, peer-to-peer recognition, manager to team member recognition, spot awards, and all managed within a cloud based platform for an employee population of 2,000 employees.</p> <p>This request is for the second of the two (2) renewal options from 07/20/2022 to 07/19/2023. It should be noted that there was an error on the original award stating there were no renewals. The solicitation stated that we intended for this to be a three-year contract with two (2) – 1 Yr. optional renewals. MTM Recognition has provided excellent service and has agreed to renew the contract at the same rates. The award amount is based on expected use and an estimated amount of the budgeted funds. The funding is split between two cost centers as this contract is used for both Employee Services recognition and Wellness rewards.</p> <p>Request approval to award a one (1) year contract renewal to MTM Recognition Corporation for the Rewards and Recognition Program in the amount of \$171,791.64, for a new not-to-exceed amount of \$806,927.64, subject to the availability of lawfully appropriated funds.</p>
5	CONTRACT INCREASE	Vu	\$359,700.00	\$359,700.00	MARIETTA SAND CORPORATION	Five (5) Years w/One (1) – 1 Yr. Renewal	<p><b><u>Delivery of A-3 Fill Dirt for JEA</u></b></p> <p>Originally awarded on 09/13/2018 for \$722,970.00 to Marietta Sand Corporation. A copy of the original award is attached as backup. On 05/31/2022, an administrative increase of \$72,267.00 was approved to cover a request for a fuel and trucking index increase.</p> <p>The nature of this increase is to cover the remaining term of the contract. Marietta communicated a 50% increase in pricing. JEA decided to accept this increase based on the following two market indices below: Trucking</p>

## 06-30-2022 Awards Committee

						<p>index has gone up 48% from April 2018 to April 2022; Fuel index has gone up 51% from April 2018 to April 2022. This increase will apply for a six-month period. At the end of six months, JEA will review the same indexes and adjust price down if the market supports it, with a percent decrease as a basis to calculate the new rate. The plan is to implement this review every six months until the end of the original term, which is September 30, 2023. JEA does not intend to increase rates any higher after this adjustment. The only adjustments would be a decrease in rate if the market supports it based on the two indices we are utilizing for this request. The award among of \$359,700.00 was calculated by taking the average usages from FY21 and FY22 to date, then factoring in the 50% increase, minus \$72,267.0 that was added administratively on 5/31/2022.</p> <p>Request approval to award a contract increase to Marietta Sand for Marietta Sand services in the amount of \$359,700.00 for a new not-to-exceed amount of \$1,154,937.00, subject to the availability of lawfully appropriated funds.</p>
6	INVITATION FOR BID (IFB) 3 Bidders	Vu	\$21,000,000.00	<p>\$7,000,000.00</p> <p>\$7,000,000.00</p> <p>\$7,000,000.00</p>	<p>PETTICOAT-SCHMITT CIVIL CONTRACTORS, INC.</p> <p>J.B. COXWELL CONTRACTING, INC.</p> <p>T.G. UTILITY COMPANY, INC.</p>	<p>Five (5) Years w/Two (2) - 1 Yr. Renewals</p> <p><b><u>Galvanized Pipe Program Construction Services</u></b> The Work performed under this Contract shall include providing the personnel, equipment, and materials to complete Galvanized Pipe Replacement Program Projects that include replacement of existing, active galvanized water mains. Galvanized water mains are generally located in developed areas of Duval county within established residential and commercial communities. Individual projects may vary in size, existing conflicts, and complexity of temporary traffic control, but the scope of work is expected to be consistent with the replacement of existing water mains within the right of way and the restoration of water service to existing customers.</p> <p>The award total of \$21,000,000.00 is the budgeted amount for the galvanized pipe replacement program over the course of the contract. Task orders will be issued to the selected companies for this continuing construction services contract, and will be issued as projects are designed. Each vendor provided unit prices that are fixed for the first year, and may be increased annually via the Consumer Price Index (CPI). Those unit prices will be the primary basis of the future task orders. The selected vendors will be allowed to bid on task orders using the unit prices, plus a general conditions percentage that may be adjusted for each task order. JEA provided two sample projects that the unit prices were applied to, which is how the bid amounts were determined. Each vendor will have a \$7,000,000.00 not-to-exceed amount under the current budget.</p> <p>Request approval to award a contracts to Petticoat-Schmitt Civil Contractors, Inc. (\$7,000,000.00), J.B. Coxwell Contracting, Inc. (\$7,000,000.00), and T.G. Utility Company, Inc. (\$7,000,000.00) for continuing construction services for the Galvanized Pipe Program in the</p>

## 06-30-2022 Awards Committee

							amount of \$21,000,000.00, subject to the availability of lawfully appropriated funds.
7	SINGLE SOURCE	Erixton	\$523,626.00	\$502,803.00	ABB INC	Project Completion (May 2023)	<p><b><u>NGS CT 34 Motor Controls Upgrades</u></b></p> <p>The N34 CT at Northside is 47 years old. The Motor Control Cabinet (MCC) components are failing and hard to replace. This project will replace the LV and MV MCCs with OEM modern equipment to improve the unit reliability and availability.</p> <p>ABB will provide equipment &amp; technical support during installation and commissioning. JEA will provide installation via separate contract.</p> <p>Northside Generating Station CT Unit N34 has GE Motor Control Centers. ABB previously acquired the Industrial OEM that services the existing equipment. JEA recently completed this upgrade on NGS CT Unit N33. When JEA last completed unit NGS N33 in July 2021 the final price was \$278,172.00. This previous project was proposed and started in 2020 under very different market conditions. ABB during the performance of the N33 project realized significantly more time was needed in assessment, engineering and site support during installation and commissioning. Additionally, since the last project, equipment and appurtenance pricing has increased significantly. JEA understood and accounted for these risks in the CT Unit N34 Budget Estimate. The proposal price of \$502,803.00 is approximately four percent (4%) less than the Budget Estimate and is deemed reasonable.</p> <p>Request approval to award a single source contract ABB, Inc. for Northside Generating Station Unit 34 MCC Upgrade in the amount of \$502,803.00, subject to the availability of lawfully appropriated funds.</p>
8	INVITATION FOR BID (IFB) 3 Bidders	Selders	\$500,000.00	\$469,300.00	M GAY CONSTRUCTORS, INC.	Project Completion (Install complete by 9/30/2022)	<p><b><u>Purchase and Installation of Bartram Substation Communication Tower Foundation</u></b></p> <p>The purpose of this Solicitation is to evaluate and select a vendor that can provide material, labor, equipment and supervision to install three (3) 120" Ø x 57'-0" deep drilled concrete foundation (shaft) as designed by Sabre Towers. The site is located at 4503 Race Track Rd, Jacksonville, FL 32259. No permits for this work shall be required as this is in Duval County. The Foundation is needed to support communications in Duval and St. Johns County. This will ensure better communications to the satellite W/WW lift stations in the area. The new Tower will also position JEA to provide tower lease options to third party telecom providers.</p> <p>This award is for \$469,300.00 for material, labor, equipment and supervision to install. This tower foundation shall be installed in strict accordance with the manufacturers' design without previously approved</p>

## 06-30-2022 Awards Committee

						<p>deviation. The concrete mix design shall be submitted for approval one week prior to the start of any work. Concrete break tests shall be performed at 3 days, 7 days, and 28 days and contractor shall work closely with the preferred concrete supplier to guarantee there is a batch plant within reasonable distance from the site. In addition, the contractor is also required to install, in strict accordance with the latest version of the FDOT specifications for Cross-Hole Sonic Logging (CSL) Tubes. A third-party inspector shall be provided by JEA for specification compliance.</p> <p>1410753646 – Request approval to award a contract to M Gay Constructors, Inc. for Purchase and Installation of Bartram Substation Tower Foundation at 4503 Race Track Rd, Jacksonville, FL 32259 in the amount of \$469,300.00, subject to the availability of lawfully appropriated funds.</p>
9	CONTRACT AMENDMENT	McElroy	\$2,054,000.00	\$419,697.00	ORLANDO FREIGHTLINER	<p>Project Completion (March 2023 Estimate)</p> <p><b><u>JEA Heavy Duty Vehicle Procurement Acquisition</u></b>  The purpose of this contract amendment is to modify the original Award amounts from the February 3, 2022 Award Committee, and subsequent contract amendment from March 3, 2022 Awards Committee. The original purpose of the original Invitation to Negotiate (the "ITN") was to solicit pricing for the purchase of eleven (11) heavy duty vehicles for JEA's FY22 and FY23 requirements.  This amendment is for planned and budgeted replacement of JEA's Electric (Electric Replacement – 3 units) assets for FY23 associated with the Fleet Capital Procurement Plan that are being added to this contract to get in front of lead-times to meet delivery requirements and to buy at FY22 pricing.</p> <p>JEA is requesting this contract amendment based on JEA Electric scheduled replacement of three (3) 3-Ton Cargo Reel Trucks for FY23. The basis of award for the original solicitation was to award contract to the highest ranked Respondent for each vehicle groupings included in this solicitation, and companies were encouraged to bid multiple groupings for efficiency purposes. Orlando Freightliner was deemed the lowest cost responsible and responsive respondents for the 3-Ton Cargo Reel Truck grouping that is being requested to increase as part of this award. Orlando Freightliner has agreed to honor their original pricing of \$139,899.00 for these three (3) additional 3 Ton Cargo Reel Trucks replacements for FY23.</p> <p>Request approval to award an amendment for increase to the contract with Orlando Freightliner for the purchase of vehicles for JEA's FY23 heavy duty fleet capital requirements in the amount of \$419,697.00, for a total not-to-exceed amount for all contracts of \$3,046,472.17, subject to the availability of lawfully appropriated funds.</p>

## 06-30-2022 Awards Committee

10	CONTRACT RENEWAL	McElroy	\$18,905,492.38	<p>\$3,800,070.07</p> <p>\$7,065,025.34</p> <p>\$946,951.00</p> <p>\$104,944.17</p>	<p>STUART C IRBY CO</p> <p>ANIXTER</p> <p>GRESKO SUPPLY INC.</p> <p>TRI-STATE UTILITY PRODUCTS INC.</p>	<p>One (1) Year w/ Two (2) – One (1) Yr. Renewals</p>	<p><b><u>Pole Line Hardware Material for JEA Inventory</u></b></p> <p>The purpose of this contract renewal is to secure sourcing for Pole Line Hardware for JEA Inventory Stock which collectively consist of five hundred and sixty-four (564) items. Pole line hardware consists of equipment to materials to maintain, repair and replace distribution infrastructure. The scope includes but is not limited to; cables, guy wires, arrestors, insulators, brackets, mounts, bolts, clamps, clevises, connectors, fuses, guards, cutouts, grips, nuts, bolts, washers, sleeves, splices, staples, sealants, lubricants, anchors, extensions, clamps, ties, covers, deadends, enclosures, grips, hooks, corona rings, reclosers, grounds and padmount switchgears.</p> <p>In order to maintain continued support of critical Pole Line Hardware Material for JEA Inventory Stock throughout storm season, allow the purchase of FY23 storm materials, and an award and transition of supply outside of storm season, JEA is proposing a partial renewal and contract increase of all four (4) Pole Line Hardware Material agreements. This represents the five hundred and sixty-four (564) JEA specific items originally awarded that were deemed to be a good fit to be included in the solicitation.</p> <p>During the performance of the first year of the agreement, each supplier has experienced significant upwards pressure for lead-times and pricing. Per the original solicitation, JEA allowed for unit price adjustments to be made annually with adjustments corresponding to fluctuations for All Urban Consumers (CPIAUCNS), Not Seasonally Adjusted. In addition, JEA entertained cost adjustments on more frequent CPI adjustment or manufacturer direct pass through price increase if properly documented and verified to be justifiable in nature. This provided mechanisms for both JEA and suppliers to adequately maneuver in the current market while still maintaining the overall intent of the solicitation.</p> <p>To date two hundred and eighty-two (282) items of the five hundred and sixty-four (564), have had a supplier proposed manufacturer direct pass through price increase, in which some items have had numerous increases for a total of five hundred and one (501) requested adjustments. Through verification in the market of the requested adjustments, JEA has migrated sourcing to alternative suppliers where justification existed to do so.</p> <p>When modeling the costs of the expected volumes needed as part of this renewal, JEA expects to pay approximately 11.84% or \$1,316,992.20 more than when utilizing the same volumes and the original bid pricing. Unfavorable market conditions for Aluminum, Copper, Steel, Labor, and Transportation are the areas in which JEA is most impacted.</p>
----	------------------	---------	-----------------	---	---	---	---

## 06-30-2022 Awards Committee

						<p>Despite the cost increases and the task of having to regularly review proposed price increases, JEA views of the risk of the current scenario very favorable when compared to that of spot buying and no contracts for the following reasons:</p> <ul style="list-style-type: none"> <li>• Higher costs (spot buying typically yields high pricing)</li> <li>• Longer lead-times (JEA would be at the end of the line)</li> <li>• Operational efficiencies in procurement (having items with fixed pricing to start and possibly remaining fixed price quotes throughout the original term)</li> <li>• Limited source of supply during storm restoration events (utilities with long term contracts typically are prioritized before non-contracted utilities when it comes to access to materials in storm recovery)</li> </ul> <p>Lastly, JEA has notably increased consumption projections for the remaining term and the proposed partial renewal term. In addition to our commonly used methodology for forecasting usage, the usage projections accounted for in this award takes into consideration an increased safety stock to 20%, factored order requirements due to increased lead-times, as well as the quantity needed to get our inventory positions back to the desired max inventory on hand. In addition, if an item is Class A, Class B, or a vital list item, additional safety stock was added as a result of an ongoing initiative to increase on hand materials for materials deemed a necessity.</p> <p>Request approval the contract renewal and increase to award contracts for the supply of Pole Line Hardware Material for JEA Inventory Stock in the amounts of \$3,800,070.07 to Stuart C Irby CO, \$946,951.00 to Gresco Supply, Inc., \$7,065,025.34 to Anixter and \$104,944.17 to Tri-state, for a total not-to-exceed amount of \$18,905,492.38, subject to the availability of lawfully appropriated funds.</p>
11	CONTRACT AMENDMENT	McElroy	\$902,000.00	\$986,415.00	GARBER FORD INC	<p>Project Completion (September 2023 Estimate)</p> <p><b><u>JEA Light and Medium Duty Vehicle Procurement Acquisition</u></b></p> <p>The purpose of this contract amendment is to modify the original Award amount from the October 28, 2021 Award Committee. The original Invitation For Bid (the "IFB") was to solicit pricing for the purchase of sixty-two (62) vehicles within the vehicle class categories of 116, 116X, 117, 117C, 117X, 122, 122+, and 130 for JEA's fleet capital requirements for replacement for the Electric and Water departments and expansion for the Electric and Water department. This amendment is for the planned and budgeted replacement of Class 130 -1 Ton Cargo Vans for Fleet Water Replacement (3 vehicles) and Fleet Electric Replacement (12 vehicles).</p> <p>This contract amendment is to capture the needs of JEA given the market volatility within the auto industry. Ford Motor Company opened its dealer allocation and order bank on May 31, 2022, much earlier than expected.</p>



## 06-30-2022 Awards Committee

							<p>For the FY23 needs, a decision was made to work with the previous awardee of these same assets for the FY22 to procure the items in lieu of a new solicitation, given JEA would not have enough time to do a formal solicitation and ensure their order would be placed in a timely manner. Garber Ford Inc. has been a historically well performing vendor for quality of work, timeliness of deliveries, as well as historically been very competitive in pricing.</p> <p>Vehicle pricing increase from the manufacturer are the largest contributing factor to increased costs. In addition, the essential racking / shelving used in upfitting was expected to be significantly higher than previous builds as well due to labor, raw materials, and transportation cost increases. The actual cost increase for the complete units came in at 26.2% or \$781,412.00 across all assets. The increase in price accounts for the discrepancy in the budgeted amount and the actual cost of the vans.</p> <p>Given the sizeable increase in year-over-year cost increases, in an effort to ensure JEA that they are still cost competitive, Garber Ford has committed to a consistent markup between the FY22 units originally award through a competitive bid are applied to the FY23 units found in this award. At invoicing, JEA will review with Garber Ford a reconciliation of the true costs of the items being delivered and adjust either upward or downward to maintain consistency.</p> <p>Request approval to award a contract amendment with Garber Ford Inc. for the purchase of fifteen (15) Class 130 Vans for FY 23 in the amount of \$986,415.00, for a total not-to-exceed amount of \$3,601,881.00, subject to the availability of lawfully appropriated funds.</p>
<b>Total Award</b>				<b>\$39,995,697.22</b>			

## **JEA AWARDS COMMITTEE**

### **JUNE 23, 2022 MEETING MINUTES**

The JEA procurement Awards Committee met on June 23, 2022, in person with a WebEx option.

WebEx Meeting Number (access code): 2309 526 2709

WebEx Password: cQMmJPHA823

Members in attendance were Jenny McCollum as Chief Procurement Officer, Stephen Datz as Chairperson (onsite), Hai Vu as Vice Chairperson (onsite), Laure Whitmer as Budget Representative, Rebecca Lavie as Office of General Counsel Representative; Gabor Acs for Ricky Erixton, Joe Orfano, and Laura Schepis (onsite). 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 (06/16/2022). Chair Datz verbally presented the Committee Members the proposed June 16, 2022 minutes as presented.

**MOTION:** Hai Vu made a motion to approve the June 16, 2022 minutes (Award Item 1). The motion was seconded by Joe Orfano and approved unanimously by the Awards Committee (5-0).

The Committee Members reviewed and discussed the following Awards Items 2 – 8:

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

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

3. 1410716046 – Request approval to award a contract to Durr Universal Inc. for the BBGS Unit 2 and 3 duct liner replacement in the amount of \$1,224,894.00, subject to the availability of lawfully appropriated funds.

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

4. 1410552447 - Request approval to award a contract to Unitherm Inc. for the supply of Insulation & Lagging Services in the amount of \$3,563,000.00, subject to the availability of lawfully approved funds.

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

5. 1410688646 – Request approval to award a contract to ACON Construction Co., Inc for the Kennedy Generating Station Control Room upgrade project in the amount of \$1,097,690.00, subject to the availability of lawfully appropriated funds.

**MOTION:** Joe Orfano 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. 1410682846 – Request approval to award a contract to KBT Contracting Corporation for construction services for the Blacks Ford Water Reclamation Facility Warehouse in the amount of \$2,199,797.00, subject to the availability of lawfully appropriated funds.

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

7. Request approval to award a contract increase to Concrete Advantage for concrete restoration services in the amount of \$870,000.00, for a new not-to-exceed amount of \$3,583,787.89, subject to the availability of lawfully appropriated funds.

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

8. 1410634646– Request approval to award a contract to Sawcross, Inc. for Construction Services for Radio Avenue Wastewater Booster Pump Station in the amount of \$7,329,150.00, subject to the availability of lawfully appropriated funds.

**MOTION:** Laura Schepis made a motion to approve Award Item 8 as presented in the committee packet. The motion was seconded by 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 10:28 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 June 30, 2022

**Type of Award Request:** BID (IFB)  
**Request #:** 302  
**Requestor Name:** Belvin, Carter H.  
**Requestor Phone:** (781) 857-9109  
**Project Title:** Construction Services for Monterey - Townsend Pump Station Project  
**Project Number:** 8005005  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$3,710,156.00

### Scope of Work:

The project consists of the demolition of an existing pump station and the construction of a new submersible pump station on Owner utility easements at 3254 Townsend Boulevard, in the City of Jacksonville, FL. The major work proposed under this contract includes construction of the new pump station, demolition work, and salvage of equipment. The construction shall neither result in a disruption of, nor interfere with, the functional workings of any existing utilities.

The existing pump station needs significant repairs and is smaller than the current JEA Class III Standards. The existing pump station is also inside the 100-year flood plain of Newcastle creek. The existing pump station will be at a higher elevation, supplied with larger pumps and will meet current JEA Resiliency requirements.

**JEA IFB/RFP/State/City/GSA#:** 1410616646  
**Purchasing Agent:** Brown, Darriel  
**Is this a Ratification?:** No

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
PETTICOAT SCHMITT CIVIL CONTRACTORS, INC.	Kimberly Bryan	kbryan@petticoat schmitt.com	6380 Philips Highway, Jacksonville, FL 32216	(904) 751-0888	\$4,169,000.00

**Amount for entire term of Contract/PO:** \$4,169,000.00  
**Award Amount for remainder of this FY:** \$40,990.68  
**Length of Contract/PO Term:** Project Completion  
**Begin Date:** 07/07/2022  
**End Date:** Project Completion (Estimated: October 2023)  
**JSEB Requirement:** Five Percent (5%) Requirement  
**Comments on JSEB Requirements:**  
 RZ Service Group (Mechanical Supply) – 5%

**BIDDERS:**

Name	Amount
PETTICOAT SCHMITT CIVIL CONTRACTORS, INC.	\$4,169,000.00
SAWCROSS, INC.	\$6,273,729.00

**Background/Recommendations:**

Advertised on 3/11/2022. Three (3) prime contractors attended the mandatory pre-bid meeting held on 03/25/2022. At Bid opening on 06/01/2022, JEA received two (2) Bids. One contractor decided not to bid due to concerns with the number of bypasses required for the project and their available personnel to complete the work. Petticoat Schmitt Civil Constructors, Inc. is the lowest responsive and responsible Bidder. A copy of the Bid Form and Workbook are attached as backup.

The award amount of \$4,169,000.00 is approximately 12.4% higher than the budget estimate. The project team has reviewed this project and has deemed this bid reasonable based on current market conditions. The variance can primarily be attributed to economic conditions impacting cost of materials, supplies and shipping. Another factor is that additional manholes and associated piping that were not included at the time of the original estimate. These will be installed to allow for safe bypassing of the pump station during construction in accordance with the new 2022 JEA Bypass Pumping Requirements.

1410616646 – Request approval to award a contract to Petticoat Schmitt Civil Constructors, Inc. Construction Services for Monterey - Townsend Pump Station Project in the amount of \$4,169,000.00, subject to the availability of lawfully appropriated funds.

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

**APPROVALS:**

*Hai X. Vu* 06/30/2022

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

*Laure A Whitmer* 6/30/22

**Budget Representative** **Date**



Appendix B - Bid Forms  
1410616646 Construction Services for Monterey - Townsend Pump Station Project

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

Company Name: Petticoat-Schmitt Civil Contractors, Inc.

Company's Address: 6380 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

**BID SECURITY REQUIREMENTS**

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

**TERM OF CONTRACT**

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

**SAMPLE REQUIREMENTS**

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

**SECTION 255.05, FLORIDA STATUTES CONTRACT BOND**

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

**QUANTITIES**

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

**INSURANCE REQUIREMENTS**

Insurance required

**PAYMENT DISCOUNTS**

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

ENTER YOUR BID FOR SOLICITATION 1410616646

TOTAL BID PRICE

Total Bid Price for the Project  
(enter total from cell F44 in the Bid Workbook)

\$ 4,169,000.00

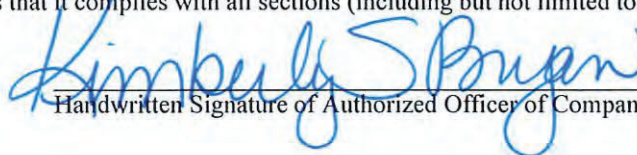
☒ I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

**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 3



Handwritten Signature of Authorized Officer of Company or Agent

6/1/22  
Date

Kimberly S. Bryan, Vice President  
Printed Name and Title

### LIST OF SUBCONTRACTORS

JEA Solicitation Number 1410616646 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

See Subcontractor Form, next page

Signed



Company: Petticoat-Schmitt Civil Contractors, Inc.

Address: 6380 Philips Hwy., Jacksonville, FL 32216

Date: 6/1/22

Appendix B - Bid Forms  
1410616646 Construction Services for Monterey - Townsend Pump Station Project

**Subcontractor Form**

JEA Solicitation Number 1410468246 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.

Electrical	Cogburn Brothers	Scott Sullivan (904) 358-7344	EC-0000426	15%





## Formal Bid and Award System

Award #3 June 30, 2022

**Type of Award Request:** RESCIND  
**Request #:** 441  
**Requestor Name:** Gonzalez Vargas, Freddy - Mgr Wastewater Treatment and Reuse  
**Requestor Phone:** (939) 252-0641  
**Project Title:** Buckman Industrial Cleaning Services  
**Project Number:** Various  
**Project Location:** JEA  
**Funds:** O&M  
**Budget Estimate:** \$1,250,000.00

### Scope of Work:

JEA is soliciting bid pricing for hydroblast and vacuum industrial cleaning services to remove and dispose of floating and solidified fats, oils, grease (FOG), rags, leachate, hypochlorite, polymer, ferric chloride acid, activated carbon, resin, sludge, biosolids residuals and dewatering and other entrained debris from Buckman Water Reclamation Facility (Biosolid and Wastewater Treatment).

**JEA IFB/RFP/State/City/GSA#:** 1410678046  
**Purchasing Agent:** Brown, Darriel  
**Is this a Ratification?:** No

### BIDDERS:

Vendor Name	Amount
UNIVERSAL SERVICE, INC.	N/A
MPW INDUSTRIAL SERVICES, INC.	N/A

### Background/Recommendations:

Advertised on 4/22/2022. Three (3) prime contractors attended the mandatory pre-bid meeting held on 04/27/2022. At Bid opening on 05/10/2022, JEA received two (2) Bids. Due to the technical requirements for these services, the business originally anticipated one bidder. Procurement was able to get three bidders to attend the Mandatory Pre-Bid Meeting; the third possible bidder declined to participate due to commitments to other projects.

The bids received for this yielded a significant variation in the bid workbooks submissions. JEA determined that the variations in submissions were too significant for an objective comparison between the two bids that were submitted. JEA has determined that it would be better for this work to be bid as an Intent to Negotiate (ITN).

This request is to rescind with the intent to rebid. All pricing will be held confidential for 12 months or, if earlier, such time as JEA provides notice of an intended decision concerning the reissued solicitation or until JEA withdraws the reissued solicitation.

1410678046 - Request approval to rescind this solicitation, and reject all Responses received in anticipation of rebidding.

**Director:** Sgambettera, John J. - Dir WW and Reuse Treatment

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

**APPROVALS:**

*Hai X. Vu*

06/30/2022

---

**Vice Chairman, Awards Committee**

**Date**



## Formal Bid and Award System

Award #4 June 30, 2022

**Type of Award Request:** RENEWAL  
**Requestor Name:** Maillis, Patricia L. - Director, Employee Services  
**Requestor Phone:** (904) 665-4132  
**Project Title:** Rewards and Recognition Program  
**Project Number:** HEA0200, HEA0102  
**Project Location:** JEA  
**Funds:** O&M  
**Budget Estimate:** \$171,791.64

**Scope of Work:**

This request is for a renewal of the Rewards and Recognition Program services. JEA solicited services from a vendor to assist in the design and administration of a Rewards and Recognition program to include, but not limited to service pin design and fulfillment, peer-to-peer recognition, manager to team member recognition, spot awards, and all managed within a cloud based platform for an employee population of 2,000 employees.

**JEA IFB/RFP/State/City/GSA#:** 094-18  
**Purchasing Agent:** Selders, Elaine Lynn  
**Is this a ratification?:** NO

**RECOMMENDED  
AWARDEE(S):**

Name	Contact Name	Email	Address	Amount
MTM RECOGNITION CORPORATION	Ashley Hurney	ashley@mtmrecognition.com	3201 S.E. 29 <sup>th</sup> Street Oklahoma City, OK 73115	\$171,791.64

**Amount of Original Award:** \$590,136.00  
**Date of Original Award:** 07/19/2018  
**Renewal Amount:** \$171,791.64

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

CPA #	Amount	Date
175693	\$45,000.00	07/08/2021

**New Not-To-Exceed Amount:** \$806,927.64  
**Length of Contract/PO Term:** Three (3) Years w/Two (2) – 1 Yr. Renewals  
**Begin Date (mm/dd/yyyy):** 07/20/2018  
**End Date (mm/dd/yyyy):** 07/19/2023

**Renewal Options:**  
**JSEB Requirement:**

None Remaining  
N/A - Optional

**Background/Recommendations:**

Competitively bid and awarded to MTM Recognition Corporation on 07/19/2018. The original award is attached as backup. An administrative increase to add \$45,000.00 and renew the contract for a one (1) year term was completed on 07/08/2021, for a new not-to-exceed amount of \$635,136.00. Funds were remaining from the original term to cover expenses for the first year of the renewal.

This request is for the second of the two (2) renewal options from 07/20/2022 to 07/19/2023. It should be noted that there was an error on the original award stating there were no renewals. The solicitation stated that we intended for this to be a three-year contract with two (2) – 1 Yr. optional renewals. MTM Recognition has provided excellent service and has agreed to renew the contract at the same rates. The award amount is based on expected use and an estimated amount of the budgeted funds. The funding is split between two cost centers as this contract is used for both Employee Services recognition and Wellness rewards.

Request approval to award a one (1) year contract renewal to MTM Recognition Corporation for the Rewards and Recognition Program in the amount of \$171,791.64, for a new not-to-exceed amount of \$806,927.64, subject to the availability of lawfully appropriated funds.

**Director:** Maillis, Patricia L. – Dir, Employee Services  
**Chief:** Emanuel, L. David - Chief Human Resources Officer

**APPROVALS:**

*Hai X. Vu* 06/30/2022

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

*Laure A Whitmer* 6/30/22

**Budget Representative** **Date**



## Formal Bid and Award System

CPA 175693

Award #2 July 19, 2018

**Type of Award Request:** INVITATION TO NEGOTIATE (ITN)  
**Request #:** 6222  
**Requestor Name:** Strackbine, Scott I.  
**Requestor Phone:** (904) 665-6133  
**Project Title:** Rewards and Recognition Program  
**Project Number:** HEA0200  
**Project Location:** JEA  
**Funds:** O&M  
**Award Estimate:** \$600,000.00  
**Scope of Work:**

JEA is seeking a vendor who can assist in the design and administration of a Rewards and Recognition program to include, but not limited to service pin design and fulfillment, peer-to-peer recognition, manager to team member recognition, spot awards, and all managed within a cloud based platform for an employee population of 2,000 employees.

**JEA IFB/RFP/State/City/GSA#:** 094-18  
**Purchasing Agent:** Selders, Elaine  
**Is this a ratification?:** NO

### RECOMMENDED AWARDEE:

Name	Contact Name	Email	Address	Phone	Amount
MTM RECOGNITION CORPORATION	Jeff Thompson	jthompson@mtmrecognition.com	P.O. Box 15659 Oklahoma City OK 73115	(405) 609-6844	\$590,136.00

**Amount for entire term of Contract/PO:** \$590,136.00  
**Award Amount for remainder of this FY:** \$38,796.00  
**Length of Contract/PO Term:** Three (3) Years w/No Renewals  
**Begin Date (mm/dd/yyyy):** 07/20/2018  
**End Date (mm/dd/yyyy):** 07/19/2021  
**Renewal Options:** NO  
**JSEB Requirement:** N/A - Optional

### BIDDERS:

Name	Amount	BAFO	BAFO Score	Rank
MTM RECOGNITION CORPORATION	\$590,136.00	\$590,136.00	271	1
OC TANNER	\$581,461.50	\$557,461.50	264	2



**Background/Recommendations:**

Advertised 05/04/2018. Three (3) companies attended the pre-response meeting on 05/09/2018. At Response opening on 05/22/2018, JEA received two (2) Responses. MTM Recognition and OC Tanner were invited to submit Best and Final Offers (BAFO), resulting in MTM Recognition as the Responsive and Responsible Respondent with the highest evaluated score. Responders were evaluated on rates, past performance and the program design. The Response Workbooks are attached as backup.


In comparing the pricing for this award vs. JEA's current rates with MTM Recognition, the price per point has remain unchanged at \$0.005 per point. The price for service pins on average is a less than one percent (1%) in savings. The monthly fee has increased from \$800.00 per month to \$899.00 per month. MTM has also agreed to continue refund JEA 100% of the value of the points when employees leave the company with remaining points. MTM has performed well and held the pricing for the last three (3) years and the new pricing is fixed for the three (3) year term. MTM Recognition has passed the JEA Cloud Committee evaluation.

094-18 - Request approval to award a three (3) year contract to MTM Recognition for reward and recognition services in the amount of \$590,136.00, subject to the availability of lawfully approved funds.

**Director:** Maillis, Patricia – Dir. Employee Services  
**VP:** Heirs, Angelia – VP & Chief Human Resources Officer

**APPROVALS:**

 7/19/18  
Chairman, Awards Committee Date

 7/19/18  
Manager, Capital Budget Planning Date

**APPENDIX B- RESPONSE WORKBOOK**  
**094-18 REWARDS AND RECOGNITION PROGRAM**  
 (Enter Pricing in Unit Price Yellow Cells only)

**Section 1 - Service Award Lapel Pins as described in Appendix A - Technical Specifications**

Item No.	Description	1 Year Estimated Quantity	Unit Price	Extended Price
1	Five (5) Year Pin with One (1) Blue Stone	150	\$ 16.22	\$ 2,433.00
2	Ten (10) Year Pin with Two (2) Blue Stones	150	\$ 18.39	\$ 2,758.50
3	Fifteen (15) Year Pin with Three (3) Blue Stones	50	\$ 20.55	\$ 1,027.50
4	Twenty (20) Year Pin with One (1) White Stone	50	\$ 16.22	\$ 811.00
5	Twenty-Five (25) Year Pin with One (1) White Stone and One (1) Blue Stone	50	\$ 18.39	\$ 919.50
6	Thirty (30) Year Pin with Two (2) White Stones	50	\$ 18.39	\$ 919.50
7	Thirty-Five (35) Year Pin with Two (2) Blue Stones and One (1) White Stone	50	\$ 20.55	\$ 1,027.50
8	Forty (40) Year Pin with Two (2) White Stones and One (1) Blue Stone	25	\$ 20.55	\$ 513.75
9	Forty-Five (45) Year Pin with Three (3) White Stones	25	\$ 20.55	\$ 513.75

**Section 2 - Administration of Cloud-Based Rewards and Recognition platform as described in Appendix A - Technical Specifications**

Item No.	Description	1 Year Estimated Quantity	Unit Price	Extended Price
1	Implementation/Set-up Fees	1	\$ -	\$ -
2	Monthly Access Charge/User Fees	12	\$ 899.00	\$ 10,788.00

As JEA is already implemented with MTM, there will be no additional implementation fees.

**Section 3 - Additional charges for merchandise. JEA currently uses a point system to reward employees where they can use those points to shop an online catalog for merchandise and gift cards. The fee structure below is used for our existing reward program. Submit a request for additional information if this rate methodology is not applicable to your company.**

Item No.	Description	1 Year Estimated Quantity	Unit Price	Extended Price
1	Fees for awarded points - includes merchandise, shipping and handling	35,000,000	\$ 0.005	\$ 175,000.00

**Bid Total - Transfer three (3) year total to Appendix B - Response Form**

Annual Bid Price (1 Year)			\$ 196,712.00
Total Bid Price for three (3) Years - Transfer this total to Appendix B - Bid Form			\$ 590,136.00



## Formal Bid and Award System

Award #5 June 30, 2022

**Type of Award Request:** CONTRACT INCREASE  
**Requestor Name:** Schoettler, Kyle C. - Mgr W/WW System Operations & Customer Response  
**Requestor Phone:** (904) 524-3989  
**Project Title:** Delivery of A-3 Fill Dirt for JEA  
**Project Number:** 8007249, 8007563, 8007447, 8007548  
**Project Location:** JEA  
**Funds:** Capital and O&M  
**Budget Estimate:** \$359,700.00

### Scope of Work:

JEA is seeking a vendor to provide and deliver A-3 fill dirt/sand at the quoted rate per yard based on 18-20 cubic yard loads. JEA uses A-3 fill dirt during the restoration and maintenance repairs at various locations throughout the JEA territory. The majority of the deliveries will be to Pearl Street Service Center.

The material provided within this contract is utilized by all JEA Construction and Maintenance teams: Water/Wastewater, Electric and Meter Services. The material is used to meet County and DOT specifications for excavation backfill.

**JEA IFB/RFP/State/City/GSA#:** 134-18  
**Purchasing Agent:** Brown, Darriel  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
MARIETTA SAND CORPORATION	Dawn Motes	dawn@mariettasand.com	377 Agmac Ave. Jacksonville FL 32254	(904) 781-7304	\$359,700.00

**Amount of Original Award:** \$722,970.00  
**Date of Original Award:** 09/13/2018  
**Contract Increase Amount:** \$359,700.00

### List of Previous Increases:

CPA	Amount	Date
176839	\$72,267.00	05/31/2022

**New Not-To-Exceed Amount:** \$1,154,937.00  
**Length of Contract/PO Term:** Five (5) Years w/One (1) – 1 Yr. Renewal  
**Begin Date:** 10/01/2018  
**End Date:** 09/30/2023  
**Renewal Options:** YES – One (1) – 1 Yr. Renewal  
**JSEB Requirement:** N/A - Optional  
**Comments on JSEB Requirements:** N/A



**Background/Recommendations:**

Originally awarded on 09/13/2018 for \$722,970.00 to Marietta Sand Corporation. A copy of the original award is attached as backup. On 05/31/2022, an administrative increase of \$72,267.00 was approved to cover a request for a fuel and trucking index increase.

The nature of this increase is to cover the remaining term of the contract. At the time of bid, JEA estimated needing approximately 17,500 cubic yards of fill material per year. We are currently averaging an estimated 25,000 cubic yards of fill material per year (FY20-FY22). Additionally, Marietta Sand requested a 50% increase in pricing. JEA decided to accept this increase based on the following two market indices below: Trucking index has gone up 48% from April 2018 to April 2022; Fuel index has gone up 51% from April 2018 to April 2022. This increase will apply for a six-month period. At the end of six months, JEA will review the same indexes and adjust price down if the market supports it, with a percent decrease as a basis to calculate the new rate. The plan is to implement this review every six months until the end of the original term, which is September 30, 2023. JEA does not intend to increase rates any higher after this adjustment. The only adjustments would be a decrease in rate if the market supports it based on the two indices we are utilizing for this request. The award amount of \$359,700.00 was calculated by taking the average usages from FY21 and FY22 to date, then factoring in the 50% increase, minus \$72,267.00 that was added administratively on 05/31/2022.

Request approval to award a contract increase to Marietta Sand for Marietta Sand services in the amount of \$359,700.00 for a new not-to-exceed amount of \$1,154,937.00, 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:**

*Hai X. Vu* 06/30/2022

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

*Laure A Whitmer* 6/30/22

**Budget Representative** **Date**



## Formal Bid and Award System

Award #6 June 30, 2022

**Type of Award Request:** BID (IFB)  
**Requestor Name:** Sencer, Justin B. - Mgr WWW Reuse Delivery & Collection Eng  
**Requestor Phone:** (904) 665-6826  
**Project Title:** Galvanized Pipe Program Construction Services  
**Project Number:** 101-41  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$21,000,000.00

**Scope of Work:**

The Work performed under this Contract shall include providing the personnel, equipment, and materials to complete Galvanized Pipe Replacement Program Projects that include replacement of existing, active galvanized water mains. Galvanized water mains are generally located in developed areas of Duval county within established residential and commercial communities. Individual projects may vary in size, existing conflicts, and complexity of temporary traffic control, but the scope of work is expected to be consistent with the replacement of existing water mains within the right of way and the restoration of water service to existing customers. The program aims to replace 45,000 LF (8.5 miles) of pipe over the next 5 years.

**JEA IFB/RFP/State/City/GSA#:** 1410621046  
**Purchasing Agent:** Kruck, Dan  
**Is this a Ratification?:** NO

**RECOMMENDED AWARDEE(S):**

Name	Contact Name	Email	Address	Phone	Amount
PETTICOAT-SCHMITT CIVIL CONTRACTORS, INC.	Kymberly Bryan	kbryan@petticoatschmitt.com	6380 Philips Hwy, Jacksonville, FL 32216	(904) 751-0888	\$7,000,000.00
J.B. COXWELL CONTRACTING, INC.	Garland Chick Jr.	estimating@jbcowell.com	6741 Lloyd Rd W, Jacksonville, FL 32254	(904) 786-1120	\$7,000,000.00
T.G. UTILITY COMPANY, INC.	Alvaro Rios	arios@tgutility.com	526 Stockton St, Jacksonville, FL 32204	(904) 394-7203	\$7,000,000.00

**Amount for entire term of Contract/PO:** \$21,000,000.00

**Award Amount for remainder of this FY:** \$500,000.00

**Length of Contract/PO Term:** Five (5) Years w/Two (2) - 1 Yr. Renewals

**Begin Date:** 08/01/2022

**End Date:** 07/31/2027  
**Renewal Options:** Two (2) - One (1) Yr. Renewals  
**JSEB Requirement:** Task Order Based

**Comments on JSEB Requirements:**

Future Task Orders will be reviewed for JSEB requirements prior to being issued to vendors.

**BIDDERS:**

Name	Amount
PETTICOAT-SCHMITT CIVIL CONTRACTORS, INC.	\$2,353,081.50
J.B. COXWELL CONTRACTING, INC.	\$3,204,039.00
T.G. UTILITY COMPANY, INC.	\$3,246,074.00

**Background/Recommendations:**

Advertised on 04/04/2022. Six (6) prime contractors attended the mandatory pre-bid meeting held on 04/19/2022. At Bid opening on 05/24/2022, JEA received three (3) Bids. JEA determined Petticoat-Schmitt Civil Contractors, Inc., J.B. Coxwell Contracting, Inc. and T.G. Utility Company, Inc are the lowest responsive and responsible Bidders. A copy of the Bid Forms and Workbooks are attached as backup.

The award total of \$21,000,000.00 is the budgeted amount for the galvanized pipe replacement program over the course of the contract. Task orders will be issued to the selected companies for this continuing construction services contract, and will be issued as projects are designed. Each vendor provided unit prices that are fixed for the first year, and may be increased annually via the Consumer Price Index (CPI). Those unit prices will be the primary basis of the future task orders. The selected vendors will be allowed to bid on task orders using the unit prices, plus a general conditions percentage that may be adjusted for each task order. JEA provided two sample projects that the unit prices were applied to, which is how the bid amounts were determined. Each vendor will have a \$7,000,000.00 not-to-exceed amount under the current budget.

1410621046– Request approval to award a contracts to Petticoat-Schmitt Civil Contractors, Inc. (\$7,000,000.00), J.B. Coxwell Contracting, Inc. (\$7,000,000.00), and T.G. Utility Company, Inc. (\$7,000,000.00) for continuing construction services for the Galvanized Pipe Program in the amount of \$21,000,000.00, 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:**

*Hai X. Vu*

06/30/2022

**Vice Chairman, Awards Committee**

**Date**

*Laure A Whitmer*

6/30/22

**Budget Representative**

**Date**

Appendix B - Bid Forms  
1410621046 Galvanized Pipe Program Construction Services

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

Company Name: PETTICOAT-SCHMITT CIVIL CONTRACTORS, INC.

Company's Address: 6380 Philips Hwy., Jacksonville, FL 32216

License Number: CGC #057651; CUC #057440

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

**BID SECURITY REQUIREMENTS**

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

**TERM OF CONTRACT**

- ☐ One Time Purchase  
☒ Annual Contract (Three years w/ two one year renewals)  
☐ Other, Specify - Project Completion

**SAMPLE REQUIREMENTS**

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

**SECTION 255.05, FLORIDA STATUTES CONTRACT BOND**

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

**QUANTITIES**

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

**INSURANCE REQUIREMENTS**

**Insurance required**

**PAYMENT DISCOUNTS**

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

ENTER YOUR BID FOR SOLICITATION 1410621046	TOTAL BID PRICE
Total Bid Price for Package H (from cell G47, Package H Workbook)	\$ 1,397,710 <sup>50</sup>
Total Bid Price for Package L (from cell G47, Package L Workbook)	\$ 955,371 <sup>00</sup>
Total Bid Price (Packages H + L)	\$ 2,353,081 <sup>50</sup>

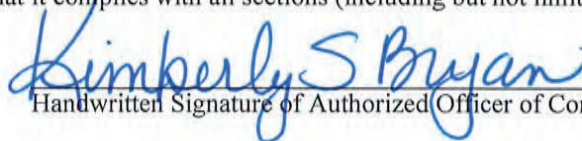
☒ I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

**BIDDER CERTIFICATION**

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

We have received addenda

1 through 4



Handwritten Signature of Authorized Officer of Company or Agent

5/24/22  
Date

Kimberly S. Bryan, Vice President  
Printed Name and Title



**1410621046 Addendum 2 - Appendix B - Bid Workbook**  
**Galvanized Pipe Replacement Program - College St Area - Package H**  
(Only Complete the Prices in Yellow Cells)

PETTICOAT-SCHMITT CIVIL

**PART I - WATER MAIN CONSTRUCTION**

Item	Spec No.	Description	Est. Qty	Unit	Unit Prices from Appendix B Workbook		Cost
1	801.III.2.2	Abandon 2" Galvanized Water Main by Plugging	11	EA	\$ 1,000	\$	11,000
2	801.XII.1	8" PVC DR-18 Water Main	2,813	LF	\$ 220	\$	618,860
3	801.XII.1	6" PVC DR-18 Water Main	114	LF	\$ 205	\$	23,370
4	801.XII.1	2" HDPE SDR-9 CTS Water Main	20	LF	\$ 95	\$	1,900
5	801.XII.2	2" x 2" Tapping Saddle w/ Corp Stop	2	EA	\$ 4,500	\$	9,000
6	801.XII.2	6" x 2" Tapping Saddle w/ Corp Stop	2	EA	\$ 5,200	\$	10,400
7	801.XII.2	8" x 8" x 6" DI MJ Tee	8	EA	\$ 950	\$	7,600
8	801.XII.2	8" DI MJ 45 Degree Bend	18	EA	\$ 675	\$	12,150
9	801.XII.2	6" DI MJ 90 Degree Bend	3	EA	\$ 535	\$	1,605
10	801.XII.6	8" Pipe Bell Restraints	45	EA	\$ 300	\$	13,500
11	801.XII.6	6" Pipe Bell Restraints	2	EA	\$ 205	\$	410
12	801.XII.10	Remove & Replace Existing 1" Water Service to 8" WM - Short	30	EA	\$ 1,890	\$	56,700
13	801.XII.10	Remove & Replace Existing 1" Water Service to 8" WM - Long	25	EA	\$ 3,050	\$	76,250
14	801.XII.14	Temporary Sample Tap (W-25, W-26)	8	EA	\$ 1,000	\$	8,000
15	801.XIII.1	Fire Hydrant Assembly	6	EA	\$ 7,000	\$	42,000
16	801.XIII.3	8" Gate Valve w/C.I. Valve Box	2	EA	\$ 3,400	\$	6,800
17	801.XIII.3	6" Gate Valve w/C.I. Valve Box	8	EA	\$ 2,650	\$	21,200
18	801.XIII.4	Connect to Existing 8" Water Main: 8" Sleeve Only	5	EA	\$ 8,000	\$	40,000
19	801.XIII.4	Connect to Existing 8" Water Main: 8" x 8" Tapping Sleeve & Valve	2	EA	\$ 12,050	\$	24,100
20	801.XIII.8	Furnish and Install Flushing Valves - Below Grade	2	EA	\$ 3,425	\$	6,850
21	N/A	Testing Allowance	1	LS	\$ 4,000	\$	4,000
22	N/A	SWA Allowance	1	LS	\$ 20,000	\$	20,000
<b>Part I Water Main Subtotal \$</b>							<b>1,015,695</b>

**PART II - PAVING & DRAINAGE CONSTRUCTION**

Item	Spec No.	Description	Est. Qty	Unit	Unit Price	Cost
1	801.VII	Sodding	156	SY	\$ 40	\$ 6,240
2	801.VIII.3	Pavement Removal	1,995	SY	\$ 35	\$ 68,828
3	801.VIII.4	Case X Pavement Repair Permanent	1,995	SY	\$ 92	\$ 183,540
4	801.VIII.8	1.5" Mill & Resurface	3,817	SY	\$ 26	\$ 99,242
5	801.IX.2	Driveway Removal (all types)	62	SY	\$ 78	\$ 4,836
6	801.IX.3	Removal of Curb And Gutter	16	LF	\$ 28	\$ 448
7	801.IX.5	5" Thick Concrete Driveway	62	SY	\$ 167	\$ 10,354
8	801.IX.6	Installation of Curb And Gutter	16	LF	\$ 158	\$ 2,528
9	801.XV.6	Manhole Top Adjustment	2	EA	\$ 2,500	\$ 5,000
<b>Part II Paving &amp; Drainage Subtotal \$</b>						<b>381,016</b>

**PARTS I THRU II TOTAL \$ 1,396,710.50**

<b>General Conditions and Site-Specific Parameters Percentage</b>	<b>0%</b>	<b>\$ 1,000</b>
---	-----------	-----------------

1410621046 Addendum 2 - Appendix B - Bid Workbook  
Galvanized Pipe Replacement Program - College St Area - Package H  
(Only Complete the Prices in Yellow Cells)

PETTICOAT-SCHMITT CIVIL

**PART I - WATER MAIN CONSTRUCTION**

Total Bid Price for Package H (Transfer to Appendix B - Bid Forms)		\$	1,397,710.50
--	--	----	--------------



**1410621046 Addendum 2 - Appendix B - Bid Workbook**  
**Galvanized Pipe Replacement Program - College St Area - Package L**  
(Only Complete the Prices in Yellow Cells)

PETTICOAT-SCHMITT CIVIL

**PART I - WATER MAIN CONSTRUCTION**

Item	Spec No.	Description	Est. Qty	Unit	Unit Prices from Appendix B Workbook		Cost
1	801.III.2.2	Abandon 2" Galvanized Water Main by Plugging	5	EA	\$ 1,000	\$	5,000
2	801.XII.1	6" PVC DR-18 Water Main	2,021	LF	\$ 205	\$	414,305
3	801.XII.1	2" HDPE SDR-9 CTS Water Main	30	LF	\$ 95	\$	2,850
4	801.XII.1	2" Plug	5	EA	\$ 475	\$	2,375
5	801.XII.2	6" DI MJ Cap, Tapped 2"	1	EA	\$ 348	\$	348
6	801.XII.2	4" DI MJ Cap, Tapped 2"	1	EA	\$ 274	\$	274
7	801.XII.2	6" x 6" x 6" DI MJ Tee	7	EA	\$ 765	\$	5,355
8	801.XII.2	6" x 6" x 4" DI MJ Tee	2	EA	\$ 720	\$	1,440
9	801.XII.2	6" DI MJ 45 Degree Bend	14	EA	\$ 500	\$	7,000
10	801.XII.6	6" Pipe Bell Restraints	26	EA	\$ 205	\$	5,330
11	801.XII.10	Remove & Replace Existing 1" Water Service to 6" WM - Short	23	EA	\$ 1,720	\$	39,560
12	801.XII.10	Remove & Replace Existing 1" Water Service to 6" WM - Long	21	EA	\$ 2,880	\$	60,480
13	801.XII.10	Remove & Install 'Double' "1" Water Service to 6" WM [Plate W-1] - (Short)	1	EA	\$ 3,100	\$	3,100
14	801.XII.14	Temporary Sample Tap (W-25, W-26)	8	EA	\$ 1,000	\$	8,000
15	801.XIII.1	Fire Hydrant Assembly	2	EA	\$ 7,000	\$	14,000
16	801.XIII.3	6" Gate Valve w/C.I. Valve Box	9	EA	\$ 2,650	\$	23,850
17	801.XIII.3	4" Gate Valve w/C.I. Valve Box	2	EA	\$ 2,100	\$	4,200
18	801.XIII.4	Connect to Existing 12" Water Main: 12" x 6" Tapping Sleeve & Valve	2	EA	\$ 11,050	\$	22,100
19	801.XIII.4	Connect to Existing 10" Water Main: 10" x 6" Tapping Sleeve & Valve	1	EA	\$ 10,730	\$	10,730
20	801.XIII.4	Connect to Existing 6" Water Main: 6" Tapping Sleeve Only	3	EA	\$ 6,000	\$	18,000
21	N/A	Testing Allowance	1	LS	\$ 4,000	\$	4,000
22	N/A	SWA Allowance	1	LS	\$ 20,000	\$	20,000
<b>Part I Water Main Subtotal</b>							<b>\$ 672,297</b>

**PART II - PAVING & DRAINAGE CONSTRUCTION**

Item	Spec No.	Description	Est. Qty	Unit	Unit Price	Cost
1	801.VII	Sodding	481	SY	\$ 40	\$ 19,240
2	801.VIII.3	Pavement Removal	1,242	SY	\$ 35	\$ 42,849
3	801.VIII.4	Case X Pavement Repair Permanent	1,242	SY	\$ 92	\$ 114,264
4	801.VIII.8	1.5" Mill & Resurface	3,387	SY	\$ 26	\$ 88,062
5	801.IX.2	Driveway Removal (all types)	62	SY	\$ 78	\$ 4,836
6	801.IX.3	Removal of Curb And Gutter	10	LF	\$ 28	\$ 280
7	801.IX.5	5" Thick Concrete Driveway	33	SY	\$ 167	\$ 5,511
8	801.IX.5	Asphalt/Dirt Driveway	29	SY	\$ 188	\$ 5,452
9	801.IX.6	Installation of Curb And Gutter	10	LF	\$ 158	\$ 1,580
<b>Part II Paving &amp; Drainage Subtotal</b>						<b>\$ 282,074</b>

**PARTS I THRU II TOTAL \$ 954,371.00**

**General Conditions and Site-Specific Parameters Percentage 0% \$ 1,000**

**Bid Total \$ 955,371.00**



**1410621046 Addendum 2 - Appendix B - Bid Workbook**  
**Galvanized Pipe Replacement Program - Unit Price Workbook**  
(Only Complete the Items in Yellow Cells)

Unless otherwise noted, Spec. No. column refers to paragraphs/sections found in the latest edition of the JEA's Water & Wastewater Standards Manual. This document can be found on [www.jea.com](http://www.jea.com).

Company:

**PETTICOAT-SCHMITT CIVIL  
CONTRACTORS, INC.**

**SECTION III (DEMOLITION AND ABANDONMENT)**

**PART 3 - Piping**

Spec. No.	Description	Unit	Unit Price
801.III.2.2	Abandon 2" Galvanized Water Main by Plugging	EA	\$ 1,000.00
801.III.2.2	Abandon 3" Galvanized Water Main by Plugging	EA	\$ 1,620.00
801.III.2.2	Abandon 4" Galvanized Water Main by Plugging	EA	\$ 1,960.00
801.III.2.2	Abandon 6" Force Main by Plugging	EA	\$ 7,950.00
801.III.2.3	6" Force Main Grout Fill	LF	\$ 48.00
801.III.2.4	Remove Storm Piping Below Grade (All types/sizes)	LF	\$ 85.00
801.III.2.5	Remove Storm Piping Above Grade (All types/sizes)	LF	\$ 49.50

**PART 4 - Excavation and Earthwork**

Spec. No.	Description	Unit	Unit Price
801.III.4	AASHTO Class A-3 Soil	CY	\$ 48.00

**PART 5 - Flowable Fill**

Spec. No.	Description	Unit	Unit Price
801.III.5	Flowable Fill	CY	\$ 285.00
801.III.5	Excavatable Flowable Fill	CY	\$ 285.00

**SECTION VII (GRASSING)**

Spec. No.	Description	Unit	Unit Price
801.VII	Sodding	SY	\$ 40.00

**SECTION VIII (PAVING)**

**PART 3 - Removal of Paving**

Spec. No.	Description	Unit	Unit Price
801.VIII.3	Pavement Removal	SY	\$ 34.50

**PART 4 - Paving Repair - Cross Cuts and Patches**

Spec. No.	Description	Unit	Unit Price
801.VIII.4	Case X Pavement Repair Permanent	SY	\$ 92.00

**PART 5 - Paving Replacement - New Road Construction**

Spec. No.	Description	Unit	Unit Price
801.VIII.5	Paving Replacement - Sub-Base Construction no Swales	SY	\$ 35.00
801.VIII.6	Paving Replacement - Sub-Base Construction with Swales	SY	\$ 65.00
801.VIII.6	Paving Replacement - 6" Crushed Concrete	SY	\$ 35.00
801.VIII.6	Paving Replacement, Type SP-12.5, 2"	SY	\$ 30.00

**PART 8 - Existing Pavement - Milling and Resurfacing**

Spec. No.	Description	Unit	Unit Price
801.VIII.8	1.5" Mill & Resurface	SY	\$ 26.00



**SECTION IX (SIDEWALK, DRIVEWAY, CURB AND GUTTER)****PART 1 - Removal of Sidewalk**

Spec. No.	Description	Unit	Unit Price
801.IX.1	Concrete Sidewalk Removal (all thicknesses)	SY	\$ 65.00
801.IX.1	Removal and Replacement Existing Brick Pavers	SY	\$ 400.00

**PART 2 - Removal of Driveway**

Spec. No.	Description	Unit	Unit Price
801.IX.2	Driveway Removal (all types)	SY	\$ 78.00

**PART 3 - Removal of Curb and Gutter**

Spec. No.	Description	Unit	Unit Price
801.IX.3	Removal of Curb And Gutter	LF	\$ 28.00

**PART 4 - Installation of Sidewalk**

Spec. No.	Description	Unit	Unit Price
801.IX.4	4" Thick Concrete Sidewalk Replacement	SY	\$ 175.00
801.IX.4	ADA Ramp Installation	EA	\$ 3,500.00

**PART 5 - Installation of Driveways**

Spec. No.	Description	Unit	Unit Price
801.IX.5	5" Thick Concrete Driveway	SY	\$ 167.00
801.IX.5	Concrete Driveway Replacement	SY	\$ 185.00
801.IX.5	Asphalt/Dirt Driveway	SY	\$ 188.00

**PART 6 - Installation of Curb and Gutter**

Spec. No.	Description	Unit	Unit Price
801.IX.6	Installation of Curb And Gutter	LF	\$ 158.00

**SECTION X (FENCING)**

Spec. No.	Description	Unit	Unit Price
801.X	Remove & Replace Chain Link Fence	LF	\$ 54.00
801.X	Remove & Replace Fence and Gate	LF	\$ 210.00
801.X	Remove & Replace Wooden Post Fence	LF	\$ 52.00

**SECTION XI (DRAINAGE)****PART 1 - Installation of Drainage Pipe**

Spec. No.	Description	Unit	Unit Price
801.XI.1	11" x 17" ECMP	LF	\$ 325.00
801.XI.1	12" RCP	LF	\$ 318.00
801.XI.1	15" RCP	LF	\$ 325.00
801.XI.1	18" RCP	LF	\$ 370.00
801.XI.1	24" RCP	LF	\$ 770.00
801.XI.1	36" RCP	LF	\$ 1,025.00
801.XI.1	48" RCP	LF	\$ 1,110.00

**SECTION XII (POTABLE WATER PIPING)****PART I - Furnishing and Installing Pipeline**

Spec. No.	Description	Unit	Unit Price
801.XII.1	4" Ductile Iron Water Main	LF	\$ 225.00
801.XII.1	6" Ductile Iron Water Main	LF	\$ 228.00
801.XII.1	8" Ductile Iron Water Main	LF	\$ 258.00



801.XII.1	10" Ductile Iron Water Main	LF	\$	305.00
801.XII.1	12" Ductile Iron Water Main	LF	\$	365.00
801.XII.1	2" HDPE SDR-9 CTS Water Main	LF	\$	95.00
801.XII.1	4" PVC DR-18 Water Main	LF	\$	180.00
801.XII.1	6" PVC DR-18 Water Main	LF	\$	205.00
801.XII.1	8" PVC DR-18 Water Main	LF	\$	220.00
801.XII.1	10" PVC DR-18 Water Main	LF	\$	275.00
801.XII.1	12" PVC DR-18 Water Main	LF	\$	350.00
<b>PART 2 - Furnishing and Installing Fittings</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>		<b>Unit Price</b>
801.XII.2	2" x 2" Tapping Saddle w/ Corp Stop	EA	\$	4,500.00
801.XII.2	6" x 2" Tapping Saddle w/ Corp Stop	EA	\$	5,200.00
801.XII.2	4" DI MJ 11.25 Degree Bend	EA	\$	365.00
801.XII.2	4" DI MJ 22.5 Degree Bend	EA	\$	820.00
801.XII.2	4" DI MJ 45 Degree Bend	EA	\$	375.00
801.XII.2	4" DI MJ 90 Degree Bend	EA	\$	395.00
801.XII.2	6" DI MJ 11.25 Degree Bend	EA	\$	490.00
801.XII.2	6" DI MJ 22.5 Degree Bend	EA	\$	480.00
801.XII.2	6" DI MJ 45 Degree Bend	EA	\$	500.00
801.XII.2	6" DI MJ 90 Degree Bend	EA	\$	535.00
801.XII.2	8" DI MJ 11.25 Degree Bend	EA	\$	650.00
801.XII.2	8" DI MJ 22.5 Degree Bend	EA	\$	670.00
801.XII.2	8" DI MJ 45 Degree Bend	EA	\$	675.00
801.XII.2	8" DI MJ 90 Degree Bend	EA	\$	730.00
801.XII.2	4"x 2" Reducer	EA	\$	275.00
801.XII.2	6" x 4" DI MJ Reducer	EA	\$	430.00
801.XII.2	8" x 6" DI MJ Reducer	EA	\$	570.00
801.XII.2	8" x 4" DI MJ Reducer	EA	\$	535.00
801.XII.2	8" DI MJ Cross	EA	\$	1,300.00
801.XII.2	6" DI MJ Tee	EA	\$	770.00
801.XII.2	4" x 4"x 4" DI MJ Tee	EA	\$	540.00
801.XII.2	6" x 4" x 4" DI MJ Tee	EA	\$	855.00
801.XII.2	6" x 6" x 4" DI MJ Tee	EA	\$	720.00
801.XII.2	6" x 6" x 6" DI MJ Tee	EA	\$	765.00
801.XII.2	8" x 8" x 4" DI MJ Tee	EA	\$	880.00
801.XII.2	8" x 8" x 6" DI MJ Tee	EA	\$	950.00
801.XII.2	8" x 8" x 8" DI MJ Tee	EA	\$	1,090.00
801.XII.2	2" DI MJ Cap, Tapped 2"	EA	\$	265.00
801.XII.2	4" DI MJ Cap, Tapped 2"	EA	\$	274.00
801.XII.2	4" Cap, Tapped 2" w/Flushing Valve (cap only)	EA	\$	275.00
801.XII.2	4" Cap, Tapped 2" w/Flushing Valve (flushing valve only)	EA	\$	3,200.00
801.XII.2	6" DI MJ Cap, Tapped 2"	EA	\$	348.00
801.XII.2	6" Cap, 2" Tapped	EA	\$	350.00
801.XII.2	6" Cap, Tapped 2" w/Flushing Valve	EA	\$	3,700.00
801.XII.2	6" Cap, Tapped 2" w/Flushing Valve (W-28) (cap only)	EA	\$	350.00
801.XII.2	6" Cap, Tapped 2" w/Flushing Valve (W-28) (valve only)	EA	\$	3,200.00
801.XII.2	8" Cap, Tapped 2" w/Flushing Valve	EA	\$	3,800.00
801.XII.2	8" Cap, Tapped 2" w/Flushing Valve (W-28) (cap only)	EA	\$	465.00
801.XII.2	8" Cap, Tapped 2" w/Flushing Valve (W-28) (valve only)	EA	\$	3,200.00
801.XII.2	8" DI MJ Cap, Tapped 2"	EA	\$	465.00
801.XII.2	8" DI MJ Cap	EA	\$	420.00
801.XII.2	1.5" Tap	EA	\$	750.00
801.XII.2	1.5" Plug	EA	\$	100.00
801.XII.2	2" Plug	EA	\$	475.00



801.XII.2	4" Plug	EA	\$	500.00
801.XII.2	6" Plug	EA	\$	525.00
801.XII.2	8" Plug	EA	\$	550.00
<b>PART 6 - Furnishing and Installing Pipe Bell Restraints</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.6	4" Pipe Bell Restraints	EA	\$	200.00
801.XII.6	6" Pipe Bell Restraints	EA	\$	205.00
801.XII.6	8" Pipe Bell Restraints	EA	\$	300.00
801.XII.6	10" Pipe Bell Restraints	EA	\$	475.00
801.XII.6	12" Pipe Bell Restraints	EA	\$	550.00
<b>PART 7 - Furnishing and Installing Pipe Bell Restraints on Existing Mains</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.7	4" Pipe Bell Restraints	EA	\$	1,450.00
801.XII.7	6" Pipe Bell Restraints	EA	\$	1,850.00
801.XII.7	8" Pipe Bell Restraints	EA	\$	2,300.00
801.XII.7	10" Pipe Bell Restraints	EA	\$	3,500.00
801.XII.7	12" Pipe Bell Restraints	EA	\$	4,450.00
<b>PART 9 - Furnishing and Installing New Water Services</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.9	Furnish & Install New 1" Water Service to 2" WM - Short	EA	\$	1,725.00
801.XII.9	Furnish & Install New 1" Water Service to 2" WM - Long	EA	\$	2,900.00
801.XII.9	Furnish & Install New 1" Water Service to 4" WM - Short	EA	\$	1,500.00
801.XII.9	Furnish & Install New 1" Water Service to 4" WM - Long	EA	\$	2,900.00
801.XII.9	Furnish & Install New 1" Water Service to 6" WM - Short	EA	\$	1,700.00
801.XII.9	Furnish & Install New 1" Water Service to 6" WM - Long	EA	\$	2,900.00
801.XII.9	Furnish & Install New 1" Water Service to 8" WM - Short	EA	\$	1,875.00
801.XII.9	Furnish & Install New 1" Water Service to 8" WM - Long	EA	\$	3,050.00
801.XII.9	Furnish & Install New 1" Water Service to 10" WM - Short	EA	\$	1,940.00
801.XII.9	Furnish & Install New 1" Water Service to 10" WM - Long	EA	\$	3,075.00
801.XII.9	Furnish & Install New 1" Water Service to 12" WM - Short	EA	\$	1,985.00
801.XII.9	Furnish & Install New 1" Water Service to 12" WM - Long	EA	\$	3,160.00
801.XII.9	Furnish & Install New 'Double' "1" Water Service to 2" WM [Plate W-1] - Short	EA	\$	3,140.00
801.XII.9	Furnish & Install New 'Double' "1" Water Service to 2" WM [Plate W-1] - Long	EA	\$	4,400.00
801.XII.9	Furnish & Install New 'Double' "1" Water Service to 4" WM [Plate W-1] - Short	EA	\$	3,100.00
801.XII.9	Furnish & Install New 'Double' "1" Water Service to 4" WM [Plate W-1] - Long	EA	\$	4,375.00
801.XII.9	Furnish & Install New 'Double' "1" Water Service to 6" WM [Plate W-1] - Short	EA	\$	3,100.00
801.XII.9	Furnish & Install New 'Double' "1" Water Service to 6" WM [Plate W-1] - Long	EA	\$	3,750.00
801.XII.9	Furnish & Install New 'Double' "1" Water Service to 8" WM [Plate W-1] - Short	EA	\$	3,130.00
801.XII.9	Furnish & Install New 'Double' "1" Water Service to 8" WM [Plate W-1] - Long	EA	\$	4,400.00
801.XII.9	Furnish & Install New 'Double' "1" Water Service to 10" WM [Plate W-1] - Short	EA	\$	3,325.00
801.XII.9	Furnish & Install New 'Double' "1" Water Service to 10" WM [Plate W-1] - Long	EA	\$	4,600.00
801.XII.9	Furnish & Install New 'Double' "1" Water Service to 12" WM [Plate W-1] - Short	EA	\$	3,500.00
801.XII.9	Furnish & Install New 'Double' "1" Water Service to 12" WM [Plate W-1] - Long	EA	\$	4,620.00
<b>PART 10 - Replacement/Relocation Residential Water Services</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.10	Remove & Replace Existing 1" Water Service to 2" WM - Short	EA	\$	1,750.00
801.XII.10	Remove & Replace Existing 1" Water Service to 2" WM - Long	EA	\$	2,875.00
801.XII.10	Remove & Replace Existing 1" Water Service to 4" WM - Short	EA	\$	1,700.00
801.XII.10	Remove & Replace Existing 1" Water Service to 4" WM - Long	EA	\$	2,860.00
801.XII.10	Remove & Replace Existing 1" Water Service to 6" WM - Short	EA	\$	1,720.00
801.XII.10	Remove & Replace Existing 1" Water Service to 6" WM - Long	EA	\$	2,880.00
801.XII.10	Remove & Replace Existing 1" Water Service to 8" WM - Short	EA	\$	1,890.00
801.XII.10	Remove & Replace Existing 1" Water Service to 8" WM - Long	EA	\$	3,050.00
801.XII.10	Remove & Replace Existing 1" Water Service to 10" WM - Short	EA	\$	1,940.00







801.XII.10	Remove & Relocate 'Gang' "1" Water Service to 12" WM [Plate W-1] - Long	EA	\$	4,780.00
<b>PART 11 - Existing Residential Water Meter Assembly Adjustment (Raise)</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.11	Install Resetter to Raise Existing Meter to Revised Grade	EA	\$	2,500.00
<b>PART 13 - Compliance Sample Taps (JEA Plate W-27)</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.13	Compliance Sample Tap (W-27)	EA	\$	700.00
<b>PART 14 - Temporary Sample Taps</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.14	Temporary Sample Tap (W-25, W-26)	EA	\$	1,000.00
801.XII.14	Sample Tap (W-24)	EA	\$	1,000.00
801.XII.14	Sample Tap (W-24A)	EA	\$	840.00
<b>SECTION XIII (WATER VALVES AND APPURTENANCES)</b>				
<b>PART 1 - Furnishing and Installing Fire Hydrants</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XIII.1	Furnish and Install Fire Hydrant	EA	\$	7,000.00
<b>PART 3 - Furnishing and Installing Valves</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XIII.3	4" Gate Valve	EA	\$	1,700.00
801.XIII.3	6" Gate Valve	EA	\$	2,200.00
801.XIII.3	8" Gate Valve	EA	\$	3,130.00
801.XIII.3	4" Gate Valve w/C.I. Valve Box	EA	\$	2,100.00
801.XIII.3	6" Gate Valve w/C.I. Valve Box	EA	\$	2,650.00
801.XIII.3	8" Gate Valve w/C.I. Valve Box	EA	\$	3,400.00
<b>PART 4 - Furnishing and Installing Tapping Sleeves and Valves</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XIII.4	2" x 2" Tapping Saddle	EA	\$	3,620.00
801.XIII.4	4" x 2" Tapping Saddle	EA	\$	3,800.00
801.XIII.4	6" x 2" Tapping Saddle	EA	\$	4,125.00
801.XIII.4	8" x 2" Tapping Saddle	EA	\$	4,600.00
801.XIII.4	10" x 2" Tapping Saddle	EA	\$	4,850.00
801.XIII.4	12" x 2" Tapping Saddle	EA	\$	5,175.00
801.XIII.4	4" x 4" Tapping Saddle	EA	\$	6,900.00
801.XIII.4	6" x 4" Tapping Saddle	EA	\$	6,550.00
801.XIII.4	8" x 4" Tapping Saddle	EA	\$	7,550.00
801.XIII.4	10" x 4" Tapping Saddle	EA	\$	8,355.00
801.XIII.4	12" x 4" Tapping Saddle	EA	\$	9,775.00
801.XIII.4	6" x 6" Tapping Saddle	EA	\$	8,300.00
801.XIII.4	8" x 6" Tapping Saddle	EA	\$	9,400.00
801.XIII.4	10" x 6" Tapping Saddle	EA	\$	10,730.00
801.XIII.4	12" x 6" Tapping Saddle	EA	\$	11,050.00
801.XIII.4	8" x 8" Tapping Saddle	EA	\$	12,050.00
801.XIII.4	10" x 8" Tapping Saddle	EA	\$	11,600.00
801.XIII.4	12" x 8" Tapping Saddle	EA	\$	12,500.00
801.XIII.4	10" x 10" Tapping Saddle	EA	\$	15,250.00
801.XIII.4	12" x 10" Tapping Saddle	EA	\$	14,000.00
801.XIII.4	12" x 12" Tapping Saddle	EA	\$	18,400.00
<b>PART 7 - Furnishing and Installing Valves or Fittings in Existing Pipelines</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XIII.7	Connect to Existing 2" Water Main: 2" Sleeve Only	EA	\$	3,150.00
801.XIII.7	Connect to Existing 4" Water Main: 4" Sleeve Only	EA	\$	4,250.00
801.XIII.7	Connect to Existing 6" Water Main: 6" Sleeve Only	EA	\$	6,000.00



801.XIII.7	Connect to Existing 8" Water Main: 8" Sleeve Only	EA	\$	8,000.00
801.XIII.7	Connect to Existing 10" Water Main: 10" Sleeve Only	EA	\$	8,500.00
801.XIII.7	Connect to Existing 12" Water Main: 12" Sleeve Only	EA	\$	9,500.00
801.XIII.7	Install Valve on Existing 4" Water Main	EA	\$	6,075.00
801.XIII.7	Install Valve on Existing 6" Water Main	EA	\$	7,260.00
801.XIII.7	Install Valve on Existing 8" Water Main	EA	\$	10,920.00
801.XIII.7	Install Valve on Existing 10" Water Main	EA	\$	13,150.00
801.XIII.7	Install Valve on Existing 12" Water Main	EA	\$	14,850.00
801.XIII.7	Install Tee on Existing 2" Water Main	EA	\$	3,800.00
801.XIII.7	Install Tee on Existing 4" Water Main	EA	\$	5,050.00
801.XIII.7	Install Tee on Existing 6" Water Main	EA	\$	6,125.00
801.XIII.7	Install Tee on Existing 8" Water Main	EA	\$	9,150.00
801.XIII.7	Install Tee on Existing 10" Water Main	EA	\$	11,575.00
801.XIII.7	Install Tee on Existing 12" Water Main	EA	\$	12,800.00
801.XIII.7	Install Fitting other than Tee on Existing 2" Water Main	EA	\$	3,100.00
801.XIII.7	Install Fitting other than Tee on Existing 4" Water Main	EA	\$	4,150.00
801.XIII.7	Install Fitting other than Tee on Existing 6" Water Main	EA	\$	4,600.00
801.XIII.7	Install Fitting other than Tee on Existing 8" Water Main	EA	\$	6,800.00
801.XIII.7	Install Fitting other than Tee on Existing 10" Water Main	EA	\$	7,100.00
801.XIII.7	Install Fitting other than Tee on Existing 12" Water Main	EA	\$	7,275.00

#### PART 8 - Valve Box and Cover Adjustment

Spec. No.	Description	Unit	Unit Price	
801.XIII.8	Furnish and Install Flushing Valves - Below Grade	EA	\$	3,425.00
801.XIII.8	Furnish and Install Flushing Valves - Above Grade	EA	\$	3,100.00

### SECTION XIV (SEWAGE MANHOLES)

#### PART 6 - Manhole Top Adjustment

Spec. No.	Description	Unit	Unit Price	
801.XIV.6	Manhole Top Adjustment	EA	\$	2,500.00



Appendix B - Bid Forms  
1410621046 Galvanized Pipe Program Construction Services

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

Company Name: J.B. Coxwell Contracting, Inc.

Company's Address: 6741 Lloyd Road West, Jacksonville, FL 32254

License Number: CUC053986

Phone Number: 904-786-1120 FAX No: 904-783-2970 Email Address: estimating@jbcxwell.com

**BID SECURITY REQUIREMENTS**

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

**TERM OF CONTRACT**

- ☐ One Time Purchase  
☒ Annual Contract (Three years w/ two one year renewals)  
☐ Other, Specify - Project Completion

**SAMPLE REQUIREMENTS**

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

**SECTION 255.05, FLORIDA STATUTES CONTRACT BOND**

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

**QUANTITIES**

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

**INSURANCE REQUIREMENTS**

**Insurance required**

**PAYMENT DISCOUNTS**

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

ENTER YOUR BID FOR SOLICITATION 1410621046	TOTAL BID PRICE
Total Bid Price for Package H (from cell G47, Package H Workbook)	\$ 1,848,953.00
Total Bid Price for Package L (from cell G47, Package L Workbook)	\$ 1,355,086.00
Total Bid Price (Packages H + L)	\$ 3,204,039.00


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

**BIDDER CERTIFICATION**

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

We have received addenda

1 through 4

  
Handwritten Signature of Authorized Officer of Company or Agent      05/24/22  
Date

Garland F. Chick, Jr., Vice President  
Printed Name and Title

**1410621046 Addendum 2 - Appendix B - Bid Workbook**  
**Galvanized Pipe Replacement Program - Unit Price Workbook**  
(Only Complete the Items in Yellow Cells)

Unless otherwise noted, Spec. No. column refers to paragraphs/sections found in the latest edition of the JEA's Water & Wastewater Standards Manual.  
This document can be found on [www.jea.com](http://www.jea.com).

**Company:** J. B. Coxwell contracting, Inc.

**SECTION III (DEMOLITION AND ABANDONMENT)**

**PART 3 - Piping**

Spec. No.	Description	Unit	Unit Price
801.III.2.2	Abandon 2" Galvanized Water Main by Plugging	EA	\$ 514.00
801.III.2.2	Abandon 3" Galvanized Water Main by Plugging	EA	\$ 1,457.00
801.III.2.2	Abandon 4" Galvanized Water Main by Plugging	EA	\$ 1,562.00
801.III.2.2	Abandon 6" Force Main by Plugging	EA	\$ 2,592.00
801.III.2.3	6" Force Main Grout Fill	LF	\$ 26.00
801.III.2.4	Remove Storm Piping Below Grade (All types/sizes)	LF	\$ 40.00
801.III.2.5	Remove Storm Piping Above Grade (All types/sizes)	LF	\$ 40.00

**PART 4 - Excavation and Earthwork**

Spec. No.	Description	Unit	Unit Price
801.III.4	AASHTO Class A-3 Soil	CY	\$ 52.00

**PART 5 - Flowable Fill**

Spec. No.	Description	Unit	Unit Price
801.III.5	Flowable Fill	CY	\$ 191.00
801.III.5	Excavatable Flowable Fill	CY	\$ 191.00

**SECTION VII (GRASSING)**

Spec. No.	Description	Unit	Unit Price
801.VII	Sodding	SY	\$ 17.00

**SECTION VIII (PAVING)**

**PART 3 - Removal of Paving**

Spec. No.	Description	Unit	Unit Price
801.VIII.3	Pavement Removal	SY	\$ 22.00

**PART 4 - Paving Repair - Cross Cuts and Patches**

Spec. No.	Description	Unit	Unit Price
801.VIII.4	Case X Pavement Repair Permanent	SY	\$ 109.00

**PART 5 - Paving Replacement - New Road Construction**

Spec. No.	Description	Unit	Unit Price
801.VIII.5	Paving Replacement - Sub-Base Construction no Swales	SY	\$ 14.00
801.VIII.6	Paving Replacement - Sub-Base Construction with Swales	SY	\$ 12.00
801.VIII.6	Paving Replacement - 6" Crushed Concrete	SY	\$ 24.00
801.VIII.6	Paving Replacement, Type SP-12.5, 2"	SY	\$ 22.00

**PART 8 - Existing Pavement - Milling and Resurfacing**

Spec. No.	Description	Unit	Unit Price
801.VIII.8	1.5" Mill & Resurface	SY	\$ 27.00

**SECTION IX (SIDEWALK, DRIVEWAY, CURB AND GUTTER)****PART 1 - Removal of Sidewalk**

Spec. No.	Description	Unit	Unit Price
801.IX.1	Concrete Sidewalk Removal (all thicknesses)	SY	\$ 23.00
801.IX.1	Removal and Replacement Existing Brick Pavers	SY	\$ 650.00

**PART 2 - Removal of Driveway**

Spec. No.	Description	Unit	Unit Price
801.IX.2	Driveway Removal (all types)	SY	\$ 23.00

**PART 3 - Removal of Curb and Gutter**

Spec. No.	Description	Unit	Unit Price
801.IX.3	Removal of Curb And Gutter	LF	\$ 15.00

**PART 4 - Installation of Sidewalk**

Spec. No.	Description	Unit	Unit Price
801.IX.4	4" Thick Concrete Sidewalk Replacement	SY	\$ 101.00
801.IX.4	ADA Ramp Installation	EA	\$ 534.00

**PART 5 - Installation of Driveways**

Spec. No.	Description	Unit	Unit Price
801.IX.5	5" Thick Concrete Driveway	SY	\$ 134.00
801.IX.5	Concrete Driveway Replacement	SY	\$ 134.00
801.IX.5	Asphalt/Dirt Driveway	SY	\$ 102.00

**PART 6 - Installation of Curb and Gutter**

Spec. No.	Description	Unit	Unit Price
801.IX.6	Installation of Curb And Gutter	LF	\$ 208.00

**SECTION X (FENCING)**

Spec. No.	Description	Unit	Unit Price
801.X	Remove & Replace Chain Link Fence	LF	\$ 147.00
801.X	Remove & Replace Fence and Gate	LF	\$ 170.00
801.X	Remove & Replace Wooden Post Fence	LF	\$ 170.00

**SECTION XI (DRAINAGE)****PART 1 - Installation of Drainage Pipe**

Spec. No.	Description	Unit	Unit Price
801.XI.1	11" x 17" ECMP	LF	\$ 365.00
801.XI.1	12" RCP	LF	\$ 325.00
801.XI.1	15" RCP	LF	\$ 325.00
801.XI.1	18" RCP	LF	\$ 345.00
801.XI.1	24" RCP	LF	\$ 389.00
801.XI.1	36" RCP	LF	\$ 773.00
801.XI.1	48" RCP	LF	\$ 962.00

**SECTION XII (POTABLE WATER PIPING)****PART I - Furnishing and Installing Pipeline**

Spec. No.	Description	Unit	Unit Price
801.XII.1	4" Ductile Iron Water Main	LF	\$ 345.00
801.XII.1	6" Ductile Iron Water Main	LF	\$ 333.00
801.XII.1	8" Ductile Iron Water Main	LF	\$ 357.00



801.XII.1	10" Ductile Iron Water Main	LF	\$	374.00
801.XII.1	12" Ductile Iron Water Main	LF	\$	394.00
801.XII.1	2" HDPE SDR-9 CTS Water Main	LF	\$	264.00
801.XII.1	4" PVC DR-18 Water Main	LF	\$	300.00
801.XII.1	6" PVC DR-18 Water Main	LF	\$	312.00
801.XII.1	8" PVC DR-18 Water Main	LF	\$	329.00
801.XII.1	10" PVC DR-18 Water Main	LF	\$	364.00
801.XII.1	12" PVC DR-18 Water Main	LF	\$	392.00
<b>PART 2 - Furnishing and Installing Fittings</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.2	2" x 2" Tapping Saddle w/ Corp Stop	EA	\$	1,144.00
801.XII.2	6" x 2" Tapping Saddle w/ Corp Stop	EA	\$	1,093.00
801.XII.2	4" DI MJ 11.25 Degree Bend	EA	\$	436.00
801.XII.2	4" DI MJ 22.5 Degree Bend	EA	\$	441.00
801.XII.2	4" DI MJ 45 Degree Bend	EA	\$	845.00
801.XII.2	4" DI MJ 90 Degree Bend	EA	\$	466.00
801.XII.2	6" DI MJ 11.25 Degree Bend	EA	\$	628.00
801.XII.2	6" DI MJ 22.5 Degree Bend	EA	\$	622.00
801.XII.2	6" DI MJ 45 Degree Bend	EA	\$	1,036.00
801.XII.2	6" DI MJ 90 Degree Bend	EA	\$	675.00
801.XII.2	8" DI MJ 11.25 Degree Bend	EA	\$	779.00
801.XII.2	8" DI MJ 22.5 Degree Bend	EA	\$	800.00
801.XII.2	8" DI MJ 45 Degree Bend	EA	\$	1,205.00
801.XII.2	8" DI MJ 90 Degree Bend	EA	\$	858.00
801.XII.2	4" x 2" Reducer	EA	\$	395.00
801.XII.2	6" x 4" DI MJ Reducer	EA	\$	526.00
801.XII.2	8" x 6" DI MJ Reducer	EA	\$	702.00
801.XII.2	8" x 4" DI MJ Reducer	EA	\$	626.00
801.XII.2	8" DI MJ Cross	EA	\$	1,593.00
801.XII.2	6" DI MJ Tee	EA	\$	998.00
801.XII.2	4" x 4" x 4" DI MJ Tee	EA	\$	678.00
801.XII.2	6" x 4" x 4" DI MJ Tee	EA	\$	1,203.00
801.XII.2	6" x 6" x 4" DI MJ Tee	EA	\$	913.00
801.XII.2	6" x 6" x 6" DI MJ Tee	EA	\$	998.00
801.XII.2	8" x 8" x 4" DI MJ Tee	EA	\$	1,052.00
801.XII.2	8" x 8" x 6" DI MJ Tee	EA	\$	1,161.00
801.XII.2	8" x 8" x 8" DI MJ Tee	EA	\$	1,294.00
801.XII.2	2" DI MJ Cap, Tapped 2"	EA	\$	245.00
801.XII.2	4" DI MJ Cap, Tapped 2"	EA	\$	395.00
801.XII.2	4" Cap, Tapped 2" w/Flushing Valve (cap only)	EA	\$	395.00
801.XII.2	4" Cap, Tapped 2" w/Flushing Valve (flushing valve only)	EA	\$	2,737.00
801.XII.2	6" DI MJ Cap, Tapped 2"	EA	\$	453.00
801.XII.2	6" Cap, 2" Tapped	EA	\$	453.00
801.XII.2	6" Cap, Tapped 2" w/Flushing Valve	EA	\$	3,190.00
801.XII.2	6" Cap, Tapped 2" w/Flushing Valve (W-28) (cap only)	EA	\$	453.00
801.XII.2	6" Cap, Tapped 2" w/Flushing Valve (W-28) (valve only)	EA	\$	2,737.00
801.XII.2	8" Cap, Tapped 2" w/Flushing Valve	EA	\$	3,278.00
801.XII.2	8" Cap, Tapped 2" w/Flushing Valve (W-28) (cap only)	EA	\$	541.00
801.XII.2	8" Cap, Tapped 2" w/Flushing Valve (W-28) (valve only)	EA	\$	2,737.00
801.XII.2	8" DI MJ Cap, Tapped 2"	EA	\$	541.00
801.XII.2	8" DI MJ Cap	EA	\$	541.00
801.XII.2	1.5" Tap	EA	\$	245.00
801.XII.2	1.5" Plug	EA	\$	228.00
801.XII.2	2" Plug	EA	\$	245.00

801.XII.2	4" Plug	EA	\$	306.00
801.XII.2	6" Plug	EA	\$	362.00
801.XII.2	8" Plug	EA	\$	418.00
<b>PART 6 - Furnishing and Installing Pipe Bell Restraints</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.6	4" Pipe Bell Restraints	EA	\$	192.00
801.XII.6	6" Pipe Bell Restraints	EA	\$	220.00
801.XII.6	8" Pipe Bell Restraints	EA	\$	300.00
801.XII.6	10" Pipe Bell Restraints	EA	\$	439.00
801.XII.6	12" Pipe Bell Restraints	EA	\$	477.00
<b>PART 7 - Furnishing and Installing Pipe Bell Restraints on Existing Mains</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.7	4" Pipe Bell Restraints	EA	\$	1,157.00
801.XII.7	6" Pipe Bell Restraints	EA	\$	1,172.00
801.XII.7	8" Pipe Bell Restraints	EA	\$	1,243.00
801.XII.7	10" Pipe Bell Restraints	EA	\$	1,374.00
801.XII.7	12" Pipe Bell Restraints	EA	\$	1,402.00
<b>PART 9 - Furnishing and Installing New Water Services</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.9	Furnish & Install New 1" Water Service to 2" WM - Short	EA	\$	3,359.00
801.XII.9	Furnish & Install New 1" Water Service to 2" WM - Long	EA	\$	5,092.00
801.XII.9	Furnish & Install New 1" Water Service to 4" WM - Short	EA	\$	3,194.00
801.XII.9	Furnish & Install New 1" Water Service to 4" WM - Long	EA	\$	4,928.00
801.XII.9	Furnish & Install New 1" Water Service to 6" WM - Short	EA	\$	3,204.00
801.XII.9	Furnish & Install New 1" Water Service to 6" WM - Long	EA	\$	4,937.00
801.XII.9	Furnish & Install New 1" Water Service to 8" WM - Short	EA	\$	3,217.00
801.XII.9	Furnish & Install New 1" Water Service to 8" WM - Long	EA	\$	4,950.00
801.XII.9	Furnish & Install New 1" Water Service to 10" WM - Short	EA	\$	3,239.00
801.XII.9	Furnish & Install New 1" Water Service to 10" WM - Long	EA	\$	4,972.00
801.XII.9	Furnish & Install New 1" Water Service to 12" WM - Short	EA	\$	3,326.00
801.XII.9	Furnish & Install New 1" Water Service to 12" WM - Long	EA	\$	5,060.00
801.XII.9	Furnish & Install New 'Double' 1" Water Service to 2" WM [Plate W-1] - Short	EA	\$	4,716.00
801.XII.9	Furnish & Install New 'Double' 1" Water Service to 2" WM [Plate W-1] - Long	EA	\$	6,718.00
801.XII.9	Furnish & Install New 'Double' 1" Water Service to 4" WM [Plate W-1] - Short	EA	\$	4,517.00
801.XII.9	Furnish & Install New 'Double' 1" Water Service to 4" WM [Plate W-1] - Long	EA	\$	6,518.00
801.XII.9	Furnish & Install New 'Double' 1" Water Service to 6" WM [Plate W-1] - Short	EA	\$	4,523.00
801.XII.9	Furnish & Install New 'Double' 1" Water Service to 6" WM [Plate W-1] - Long	EA	\$	6,525.00
801.XII.9	Furnish & Install New 'Double' 1" Water Service to 8" WM [Plate W-1] - Short	EA	\$	4,552.00
801.XII.9	Furnish & Install New 'Double' 1" Water Service to 8" WM [Plate W-1] - Long	EA	\$	6,553.00
801.XII.9	Furnish & Install New 'Double' 1" Water Service to 10" WM [Plate W-1] - Short	EA	\$	4,595.00
801.XII.9	Furnish & Install New 'Double' 1" Water Service to 10" WM [Plate W-1] - Long	EA	\$	6,596.00
801.XII.9	Furnish & Install New 'Double' 1" Water Service to 12" WM [Plate W-1] - Short	EA	\$	4,771.00
801.XII.9	Furnish & Install New 'Double' 1" Water Service to 12" WM [Plate W-1] - Long	EA	\$	6,612.00
<b>PART 10 - Replacement/Relocation Residential Water Services</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.10	Remove & Replace Existing 1" Water Service to 2" WM - Short	EA	\$	3,528.00
801.XII.10	Remove & Replace Existing 1" Water Service to 2" WM - Long	EA	\$	5,328.00
801.XII.10	Remove & Replace Existing 1" Water Service to 4" WM - Short	EA	\$	3,363.00
801.XII.10	Remove & Replace Existing 1" Water Service to 4" WM - Long	EA	\$	5,163.00
801.XII.10	Remove & Replace Existing 1" Water Service to 6" WM - Short	EA	\$	3,373.00
801.XII.10	Remove & Replace Existing 1" Water Service to 6" WM - Long	EA	\$	5,174.00
801.XII.10	Remove & Replace Existing 1" Water Service to 8" WM - Short	EA	\$	3,385.00
801.XII.10	Remove & Replace Existing 1" Water Service to 8" WM - Long	EA	\$	5,186.00
801.XII.10	Remove & Replace Existing 1" Water Service to 10" WM - Short	EA	\$	3,408.00







801.XII.10	Remove & Relocate 'Gang' "1" Water Service to 12" WM [Plate W-1] - Long	EA	\$	11,129.00
<b>PART 11 - Existing Residential Water Meter Assembly Adjustment (Raise)</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.11	Install Resetter to Raise Existing Meter to Revised Grade	EA	\$	198.00
<b>PART 13 - Compliance Sample Taps (JEA Plate W-27)</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.13	Compliance Sample Tap (W-27)	EA	\$	1,370.00
<b>PART 14 - Temporary Sample Taps</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XII.14	Temporary Sample Tap (W-25, W-26)	EA	\$	860.00
801.XII.14	Sample Tap (W-24)	EA	\$	860.00
801.XII.14	Sample Tap (W-24A)	EA	\$	860.00
<b>SECTION XIII (WATER VALVES AND APPURTENANCES)</b>				
<b>PART 1 - Furnishing and Installing Fire Hydrants</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XIII.1	Furnish and Install Fire Hydrant	EA	\$	6,166.00
<b>PART 3 - Furnishing and Installing Valves</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XIII.3	4" Gate Valve	EA	\$	1,679.00
801.XIII.3	6" Gate Valve	EA	\$	2,081.00
801.XIII.3	8" Gate Valve	EA	\$	2,917.00
801.XIII.3	4" Gate Valve w/C.I. Valve Box	EA	\$	1,679.00
801.XIII.3	6" Gate Valve w/C.I. Valve Box	EA	\$	2,081.00
801.XIII.3	8" Gate Valve w/C.I. Valve Box	EA	\$	2,917.00
<b>PART 4 - Furnishing and Installing Tapping Sleeves and Valves</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XIII.4	2" x 2" Tapping Saddle	EA	\$	2,148.00
801.XIII.4	4" x 2" Tapping Saddle	EA	\$	2,090.00
801.XIII.4	6" x 2" Tapping Saddle	EA	\$	2,524.00
801.XIII.4	8" x 2" Tapping Saddle	EA	\$	2,552.00
801.XIII.4	10" x 2" Tapping Saddle	EA	\$	2,808.00
801.XIII.4	12" x 2" Tapping Saddle	EA	\$	3,251.00
801.XIII.4	4" x 4" Tapping Saddle	EA	\$	5,844.00
801.XIII.4	6" x 4" Tapping Saddle	EA	\$	6,433.00
801.XIII.4	8" x 4" Tapping Saddle	EA	\$	8,082.00
801.XIII.4	10" x 4" Tapping Saddle	EA	\$	8,206.00
801.XIII.4	12" x 4" Tapping Saddle	EA	\$	8,492.00
801.XIII.4	6" x 6" Tapping Saddle	EA	\$	8,815.00
801.XIII.4	8" x 6" Tapping Saddle	EA	\$	8,832.00
801.XIII.4	10" x 6" Tapping Saddle	EA	\$	8,928.00
801.XIII.4	12" x 6" Tapping Saddle	EA	\$	9,265.00
801.XIII.4	8" x 8" Tapping Saddle	EA	\$	9,275.00
801.XIII.4	10" x 8" Tapping Saddle	EA	\$	9,438.00
801.XIII.4	12" x 8" Tapping Saddle	EA	\$	9,716.00
801.XIII.4	10" x 10" Tapping Saddle	EA	\$	13,246.00
801.XIII.4	12" x 10" Tapping Saddle	EA	\$	12,925.00
801.XIII.4	12" x 12" Tapping Saddle	EA	\$	16,303.00
<b>PART 7 - Furnishing and Installing Valves or Fittings in Existing Pipelines</b>				
<b>Spec. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	
801.XIII.7	Connect to Existing 2" Water Main: 2" Sleeve Only	EA	\$	1,118.00
801.XIII.7	Connect to Existing 4" Water Main: 4" Sleeve Only	EA	\$	2,415.00
801.XIII.7	Connect to Existing 6" Water Main: 6" Sleeve Only	EA	\$	4,667.00

801.XIII.7	Connect to Existing 8" Water Main: 8" Sleeve Only	EA	\$	4,849.00
801.XIII.7	Connect to Existing 10" Water Main: 10" Sleeve Only	EA	\$	5,122.00
801.XIII.7	Connect to Existing 12" Water Main: 12" Sleeve Only	EA	\$	5,268.00
801.XIII.7	Install Valve on Existing 4" Water Main	EA	\$	3,923.00
801.XIII.7	Install Valve on Existing 6" Water Main	EA	\$	6,491.00
801.XIII.7	Install Valve on Existing 8" Water Main	EA	\$	7,490.00
801.XIII.7	Install Valve on Existing 10" Water Main	EA	\$	9,091.00
801.XIII.7	Install Valve on Existing 12" Water Main	EA	\$	10,090.00
801.XIII.7	Install Tee on Existing 2" Water Main	EA	\$	1,668.00
801.XIII.7	Install Tee on Existing 4" Water Main	EA	\$	2,835.00
801.XIII.7	Install Tee on Existing 6" Water Main	EA	\$	5,279.00
801.XIII.7	Install Tee on Existing 8" Water Main	EA	\$	5,717.00
801.XIII.7	Install Tee on Existing 10" Water Main	EA	\$	6,492.00
801.XIII.7	Install Tee on Existing 12" Water Main	EA	\$	6,921.00
801.XIII.7	Install Fitting other than Tee on Existing 2" Water Main	EA	\$	1,538.00
801.XIII.7	Install Fitting other than Tee on Existing 4" Water Main	EA	\$	2,710.00
801.XIII.7	Install Fitting other than Tee on Existing 6" Water Main	EA	\$	5,085.00
801.XIII.7	Install Fitting other than Tee on Existing 8" Water Main	EA	\$	5,430.00
801.XIII.7	Install Fitting other than Tee on Existing 10" Water Main	EA	\$	6,085.00
801.XIII.7	Install Fitting other than Tee on Existing 12" Water Main	EA	\$	6,415.00

**PART 8 - Valve Box and Cover Adjustment**

Spec. No.	Description	Unit	Unit Price
801.XIII.8	Furnish and Install Flushing Valves - Below Grade	EA	\$ 3,190.00
801.XIII.8	Furnish and Install Flushing Valves - Above Grade	EA	\$ 3,190.00

**SECTION XIV (SEWAGE MANHOLES)**

**PART 6 - Manhole Top Adjustment**

Spec. No.	Description	Unit	Unit Price
801.XIV.6	Manhole Top Adjustment	EA	\$ 1,676.00

**1410621046 Addendum 2 - Appendix B - Bid Workbook**  
**Galvanized Pipe Replacement Program - College St Area - Package H**  
(Only Complete the Prices in Yellow Cells)

**PART I - WATER MAIN CONSTRUCTION**

Item	Spec No.	Description	Est. Qty	Unit	Unit Prices from Appendix B Workbook		Cost
1	801.III.2.2	Abandon 2" Galvanized Water Main by Plugging	11	EA	\$ 514	\$	5,654
2	801.XII.1	8" PVC DR-18 Water Main	2,813	LF	\$ 329	\$	925,477
3	801.XII.1	6" PVC DR-18 Water Main	114	LF	\$ 312	\$	35,568
4	801.XII.1	2" HDPE SDR-9 CTS Water Main	20	LF	\$ 264	\$	5,280
5	801.XII.2	2" x 2" Tapping Saddle w/ Corp Stop	2	EA	\$ 1,144	\$	2,288
6	801.XII.2	6" x 2" Tapping Saddle w/ Corp Stop	2	EA	\$ 1,093	\$	2,186
7	801.XII.2	8" x 8" x 6" DI MJ Tee	8	EA	\$ 1,161	\$	9,288
8	801.XII.2	8" DI MJ 45 Degree Bend	18	EA	\$ 1,205	\$	21,690
9	801.XII.2	6" DI MJ 90 Degree Bend	3	EA	\$ 675	\$	2,025
10	801.XII.6	8" Pipe Bell Restraints	45	EA	\$ 300	\$	13,500
11	801.XII.6	6" Pipe Bell Restraints	2	EA	\$ 220	\$	440
12	801.XII.10	Remove & Replace Existing 1" Water Service to 8" WM - Short	30	EA	\$ 3,385	\$	101,550
13	801.XII.10	Remove & Replace Existing 1" Water Service to 8" WM - Long	25	EA	\$ 5,186	\$	129,650
14	801.XII.14	Temporary Sample Tap (W-25, W-26)	8	EA	\$ 860	\$	6,880
15	801.XIII.1	Fire Hydrant Assembly	6	EA	\$ 6,166	\$	36,996
16	801.XIII.3	8" Gate Valve w/C.I. Valve Box	2	EA	\$ 2,917	\$	5,834
17	801.XIII.3	6" Gate Valve w/C.I. Valve Box	8	EA	\$ 2,081	\$	16,648
18	801.XIII.4	Connect to Existing 8" Water Main: 8" Sleeve Only	5	EA	\$ 4,849	\$	24,245
19	801.XIII.4	Connect to Existing 8" Water Main: 8" x 8" Tapping Sleeve & Valve	2	EA	\$ 9,275	\$	18,550
20	801.XIII.8	Furnish and Install Flushing Valves - Below Grade	2	EA	\$ 3,190	\$	6,380
21	N/A	Testing Allowance	1	LS	\$ 4,000	\$	4,000
22	N/A	SWA Allowance	1	LS	\$ 20,000	\$	20,000
<b>Part I Water Main Subtotal \$</b>							<b>1,394,129</b>

**PART II - PAVING & DRAINAGE CONSTRUCTION**

Item	Spec No.	Description	Est. Qty	Unit	Unit Price	Cost
1	801.VII	Sodding	156	SY	\$ 17	\$ 2,652
2	801.VIII.3	Pavement Removal	1,995	SY	\$ 22	\$ 43,890
3	801.VIII.4	Case X Pavement Repair Permanent	1,995	SY	\$ 109	\$ 217,455
4	801.VIII.8	1.5" Mill & Resurface	3,817	SY	\$ 27	\$ 103,059
5	801.IX.2	Driveway Removal (all types)	62	SY	\$ 23	\$ 1,426
6	801.IX.3	Removal of Curb And Gutter	16	LF	\$ 15	\$ 240
7	801.IX.5	5" Thick Concrete Driveway	62	SY	\$ 134	\$ 8,308
8	801.IX.6	Installation of Curb And Gutter	16	LF	\$ 208	\$ 3,328
9	801.XV.6	Manhole Top Adjustment	2	EA	\$ 1,676	\$ 3,352
Part II Paving & Drainage Subtotal \$						383,710

**PARTS I THRU II TOTAL \$ 1,777,839**

**General Conditions and Site-Specific Parameters Percentage 4.0% \$ 71,114**

**Total Bid Price for Package H (Transfer to Appendix B - Bid Forms) \$ 1,848,953**



**1410621046 Addendum 2 - Appendix B - Bid Workbook**  
**Galvanized Pipe Replacement Program - College St Area - Package L**  
 (Only Complete the Prices in Yellow Cells)

**PART I - WATER MAIN CONSTRUCTION**

Item	Spec No.	Description	Est. Qty	Unit	Unit Prices from Appendix B Workbook		Cost
1	801.III.2.2	Abandon 2" Galvanized Water Main by Plugging	5	EA	\$ 514	\$	2,570
2	801.XII.1	6" PVC DR-18 Water Main	2,021	LF	\$ 312	\$	630,552
3	801.XII.1	2" HDPE SDR-9 CTS Water Main	30	LF	\$ 264	\$	7,920
4	801.XII.1	2" Plug	5	EA	\$ 245	\$	1,225
5	801.XII.2	6" DI MJ Cap, Tapped 2"	1	EA	\$ 453	\$	453
6	801.XII.2	4" DI MJ Cap, Tapped 2"	1	EA	\$ 395	\$	395
7	801.XII.2	6" x 6" x 6" DI MJ Tee	7	EA	\$ 998	\$	6,986
8	801.XII.2	6" x 6" x 4" DI MJ Tee	2	EA	\$ 913	\$	1,826
9	801.XII.2	6" DI MJ 45 Degree Bend	14	EA	\$ 1,036	\$	14,504
10	801.XII.6	6" Pipe Bell Restraints	26	EA	\$ 220	\$	5,720
11	801.XII.10	Remove & Replace Existing 1" Water Service to 6" WM - Short	23	EA	\$ 3,373	\$	77,579
12	801.XII.10	Remove & Replace Existing 1" Water Service to 6" WM - Long	21	EA	\$ 5,174	\$	108,654
13	801.XII.10	Remove & Install 'Double' 1" Water Service to 6" WM [Plate W-1] - (Short)	1	EA	\$ 4,692	\$	4,692
14	801.XII.14	Temporary Sample Tap (W-25, W-26)	8	EA	\$ 860	\$	6,880
15	801.XIII.1	Fire Hydrant Assembly	2	EA	\$ 6,166	\$	12,332
16	801.XIII.3	6" Gate Valve w/C.I. Valve Box	9	EA	\$ 2,081	\$	18,729
17	801.XIII.3	4" Gate Valve w/C.I. Valve Box	2	EA	\$ 1,679	\$	3,358
18	801.XIII.4	Connect to Existing 12" Water Main: 12" x 6" Tapping Sleeve & Valve	2	EA	\$ 9,265	\$	18,530
19	801.XIII.4	Connect to Existing 10" Water Main: 10" x 6" Tapping Sleeve & Valve	1	EA	\$ 8,928	\$	8,928
20	801.XIII.4	Connect to Existing 6" Water Main: 6" Tapping Sleeve Only	3	EA	\$ 4,667	\$	14,001
21	N/A	Testing Allowance	1	LS	\$ 4,000	\$	4,000
22	N/A	SWA Allowance	1	LS	\$ 20,000	\$	20,000
<b>Part I Water Main Subtotal</b>						<b>\$</b>	<b>969,834</b>

**PART II - PAVING & DRAINAGE CONSTRUCTION**

Item	Spec No.	Description	Est. Qty	Unit	Unit Price	Cost
1	801.VII	Sodding	481	SY	\$ 17	\$ 8,177
2	801.VIII.3	Pavement Removal	1,242	SY	\$ 22	\$ 27,324
3	801.VIII.4	Case X Pavement Repair Permanent	1,242	SY	\$ 109	\$ 135,378
4	801.VIII.8	1.5" Mill & Resurface	3,387	SY	\$ 27	\$ 91,449
5	801.IX.2	Driveway Removal (all types)	62	SY	\$ 23	\$ 1,426
6	801.IX.3	Removal of Curb And Gutter	10	LF	\$ 15	\$ 150
7	801.IX.5	5" Thick Concrete Driveway	33	SY	\$ 134	\$ 4,422
8	801.IX.5	Asphalt/Dirt Driveway	29	SY	\$ 102	\$ 2,958
9	801.IX.6	Installation of Curb And Gutter	10	LF	\$ 208	\$ 2,080
<b>Part II Paving &amp; Drainage Subtotal</b>						<b>\$ 273,364</b>

**PARTS I THRU II TOTAL \$ 1,243,198**

**General Conditions and Site-Specific Parameters Percentage 9.0% \$ 111,888**

**Bid Total \$ 1,355,086**

Appendix B - Bid Forms  
1410621046 Galvanized Pipe Program Construction Services

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

Company Name: T.G. Utility Company, Inc

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

License Number: CGC 1515282

Phone Number: 904-394-7203 FAX No: \_\_\_\_\_ Email Address: arios@tgutility.com

**BID SECURITY REQUIREMENTS**

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

**TERM OF CONTRACT**

- ☐ One Time Purchase  
☒ Annual Contract (Three years w/ two one year renewals)  
☐ Other, Specify - Project Completion

**SAMPLE REQUIREMENTS**

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

**SECTION 255.05, FLORIDA STATUTES CONTRACT BOND**

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

**QUANTITIES**

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

**INSURANCE REQUIREMENTS**

**Insurance required**

**PAYMENT DISCOUNTS**

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

**ENTER YOUR BID FOR SOLICITATION 1410621046**

**TOTAL BID PRICE**

Total Bid Price for Package H (from cell G47, Package H Workbook) \$ 1,936,040.00

Total Bid Price for Package L (from cell G47, Package L Workbook) \$ 1,310,034.00

**Total Bid Price (Packages H + L) \$ 3,246,074.00**

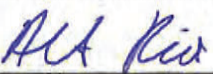
☒ I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

**BIDDER CERTIFICATION**

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

We have received addenda

1 through 4

  
Handwritten Signature of Authorized Officer of Company or Agent 5/24/2022  
Date

Alvaro A Rios / Project Manager  
Printed Name and Title



**1410621046 Appendix B - Bid Workbook**  
**Galvanized Pipe Replacement Program - College St Area - Package L**  
(Only Complete the Prices in Yellow Cells)

**PART I - WATER MAIN CONSTRUCTION**

Item	Spec No.	Description	Est. Qty	Unit	Unit Prices from Appendix B Workbook	Cost
1	801.III.2.2	Abandon 2" Galvanized Water Main by Plugging	5	EA	\$ 1,559.50	\$ 7,798.00
2	801.XII.1	6" PVC DR-18 Water Main	2,021	LF	\$ 297.90	\$ 602,056.00
3	801.XII.1	2" HDPE SDR-9 CTS Water Main	30	LF	\$ 237.80	\$ 7,134.00
4	801.XII.1	2" Plug	5	EA	\$ 1,511.50	\$ 7,558.00
5	801.XII.2	6" DI MJ Cap, Tapped 2"	1	EA	\$ 1,556.00	\$ 1,556.00
6	801.XII.2	4" DI MJ Cap, Tapped 2"	1	EA	\$ 1,169.40	\$ 1,169.00
7	801.XII.2	6" x 6" x 6" DI MJ Tee	7	EA	\$ 1,085.80	\$ 7,601.00
8	801.XII.2	6" x 6" x 4" DI MJ Tee	2	EA	\$ 965.20	\$ 1,930.00
9	801.XII.2	6" DI MJ 45 Degree Bend	14	EA	\$ 1,548.40	\$ 21,678.00
10	801.XII.6	6" Pipe Bell Restraints	26	EA	\$ 244.80	\$ 6,365.00
11	801.XII.10	Remove & Replace Existing 1" Water Service to 6" WM - Short	23	EA	\$ 1,973.60	\$ 45,393.00
12	801.XII.10	Remove & Replace Existing 1" Water Service to 6" WM - Long	21	EA	\$ 3,339.60	\$ 70,132.00
13	801.XII.10	Remove & Install 'Double' "1" Water Service to 6" WM [Plate W-1] - (Short)	1	EA	\$ 2,908.60	\$ 2,909.00
14	801.XII.14	Temporary Sample Tap (W-25, W-26)	8	EA	\$ 1,702.70	\$ 13,622.00
15	801.XIII.1	Fire Hydrant Assembly	2	EA	\$ 7,682.30	\$ 15,365.00
16	801.XIII.3	6" Gate Valve w/C.I. Valve Box	9	EA	\$ 3,264.70	\$ 29,382.00
17	801.XIII.3	4" Gate Valve w/C.I. Valve Box	2	EA	\$ 3,019.30	\$ 6,039.00
18	801.XIII.4	Connect to Existing 12" Water Main: 12" x 6" Tapping Sleeve & Valve	2	EA	\$ 11,102.90	\$ 22,206.00
19	801.XIII.4	Connect to Existing 10" Water Main: 10" x 6" Tapping Sleeve & Valve	1	EA	\$ 9,727.30	\$ 9,727.00
20	801.XIII.4	Connect to Existing 6" Water Main: 6" Tapping Sleeve Only	3	EA	\$ 5,566.60	\$ 16,700.00
21	N/A	Testing Allowance	1	LS	\$ 4,000	\$ 4,000.00
22	N/A	SWA Allowance	1	LS	\$ 20,000	\$ 20,000.00
<b>Part I Water Main Subtotal</b>						<b>\$ 920,320</b>

**PART II - PAVING & DRAINAGE CONSTRUCTION**

Item	Spec No.	Description	Est. Qty	Unit	Unit Price	Cost
1	801.VII	Sodding	481	SY	\$ 43.50	\$ 20,924.00
2	801.VIII.3	Pavement Removal	1,242	SY	\$ 7.70	\$ 9,563.00
3	801.VIII.4	Case X Pavement Repair Permanent	1,242	SY	\$ 77.10	\$ 95,758.00
4	801.VIII.8	1.5" Mill & Resurface	3,387	SY	\$ 39.80	\$ 134,803.00
5	801.IX.2	Driveway Removal (all types)	62	SY	\$ 9.80	\$ 608.00
6	801.IX.3	Removal of Curb And Gutter	10	LF	\$ 43.50	\$ 435.00
7	801.IX.5	5" Thick Concrete Driveway	33	SY	\$ 131.80	\$ 4,349.00
8	801.IX.5	Asphalt/Dirt Driveway	29	SY	\$ 102.20	\$ 2,964.00
9	801.IX.6	Installation of Curb And Gutter	10	LF	\$ 230.00	\$ 2,300.00
<b>Part II Paving &amp; Drainage Subtotal</b>						<b>\$ 271,704.00</b>

**PARTS I THRU II TOTAL \$ 1,192,024.00**

**General Conditions and Site-Specific Parameters Percentage (10% maximum) 9.90% \$ 118,010.00**

**Bid Total \$ 1,310,034.00**



1410621046 Appendix B - Bid Workbook  
Galvanized Pipe Replacement Program - College St Area - Package H  
(Only Complete the Prices in Yellow Cells)

**PART I - WATER MAIN CONSTRUCTION**

Item	Spec No.	Description	Est. Qty	Unit	Unit Prices from Appendix B Workbook		Cost
1	801.III.2.2	Abandon 2" Galvanized Water Main by Plugging	11	EA	\$ 1,559.50	\$	17,155.00
2	801.XII.1	8" PVC DR-18 Water Main	2,813	LF	\$ 335.30	\$	943,199.00
3	801.XII.1	6" PVC DR-18 Water Main	114	LF	\$ 297.40	\$	33,904.00
4	801.XII.1	2" HDPE SDR-9 CTS Water Main	20	LF	\$ 237.80	\$	4,756.00
5	801.XII.2	2" x 2" Tapping Saddle w/ Corp Stop	2	EA	\$ 1,950.10	\$	3,900.00
6	801.XII.2	6" x 2" Tapping Saddle w/ Corp Stop	2	EA	\$ 2,045.40	\$	4,091.00
7	801.XII.2	8" x 8" x 6" DI MJ Tee	8	EA	\$ 1,856.00	\$	14,848.00
8	801.XII.2	8" DI MJ 45 Degree Bend	18	EA	\$ 1,933.90	\$	34,810.00
9	801.XII.2	6" DI MJ 90 Degree Bend	3	EA	\$ 1,044.60	\$	3,134.00
10	801.XII.6	8" Pipe Bell Restraints	45	EA	\$ 299.30	\$	13,469.00
11	801.XII.6	6" Pipe Bell Restraints	2	EA	\$ 244.80	\$	490.00
12	801.XII.10	Remove & Replace Existing 1" Water Service to 8" WM - Short	30	EA	\$ 2,265.90	\$	67,977.00
13	801.XII.10	Remove & Replace Existing 1" Water Service to 8" WM - Long	25	EA	\$ 3,771.30	\$	94,283.00
14	801.XII.14	Temporary Sample Tap (W-25, W-26)	8	EA	\$ 1,702.70	\$	13,622.00
15	801.XIII.1	Fire Hydrant Assembly	6	EA	\$ 7,682.30	\$	46,094.00
16	801.XIII.3	8" Gate Valve w/C.I. Valve Box	2	EA	\$ 3,896.60	\$	7,793.00
17	801.XIII.3	6" Gate Valve w/C.I. Valve Box	8	EA	\$ 3,264.70	\$	26,118.00
18	801.XIII.4	Connect to Existing 8" Water Main: 8" Sleeve Only	5	EA	\$ 6,031.20	\$	30,156.00
19	801.XIII.4	Connect to Existing 8" Water Main: 8" x 8" Tapping Sleeve & Valve	2	EA	\$ 10,603.60	\$	21,207.00
20	801.XIII.8	Furnish and Install Flushing Valves - Below Grade	2	EA	\$ 2,703.40	\$	5,407.00
21	N/A	Testing Allowance	1	LS	\$ 4,000	\$	4,000.00
22	N/A	SWA Allowance	1	LS	\$ 20,000	\$	20,000.00
Part I Water Main Subtotal						\$	1,410,413.00

**PART II - PAVING & DRAINAGE CONSTRUCTION**

Item	Spec No.	Description	Est. Qty	Unit	Unit Price	Cost
1	801.VII	Sodding	156	SY	\$ 43.50	\$ 6,786.00
2	801.VIII.3	Pavement Removal	1,995	SY	\$ 7.70	\$ 15,362.00
3	801.VIII.4	Case X Pavement Repair Permanent	1,995	SY	\$ 77.10	\$ 153,815.00
4	801.VIII.8	1.5" Mill & Resurface	3,817	SY	\$ 39.80	\$ 151,917.00
5	801.IX.2	Driveway Removal (all types)	62	SY	\$ 9.80	\$ 608.00
6	801.IX.3	Removal of Curb And Gutter	16	LF	\$ 43.50	\$ 696.00
7	801.IX.5	5" Thick Concrete Driveway	62	SY	\$ 131.80	\$ 8,172.00
8	801.IX.6	Installation of Curb And Gutter	16	LF	\$ 230.00	\$ 3,680.00
9	801.XV.6	Manhole Top Adjustment	2	EA	\$ 5,094.50	\$ 10,189.00
Part II Paving & Drainage Subtotal						\$ 351,225.00

**PARTS I THRU II TOTAL \$ 1,761,638.00**

**General Conditions and Site-Specific Parameters Percentage (10% maximum) 9.90% \$ 174,402.00**

**Total Bid Price for Package H (Transfer to Appendix B - Bid Forms) \$ 1,936,040.00**

1410621046 Addendum 2 - Appendix B - Bid Workbook  
Galvanized Pipe Replacement Program - Unit Price Workbook  
(Only Complete the Items in Yellow Cells)

Unless otherwise noted, Spec. No. column refers to paragraphs/sections found in the latest edition of the JEA's Water & Wastewater Standards Manual. This document can be found on [www.jea.com](http://www.jea.com).

Company **TG Utility Company, Inc.**

**SECTION III (DEMOLITION AND ABANDONMENT)**

**PART 3 - Piping**

Spec. No.	Description	Unit	Unit Price
801.III.2.2	Abandon 2" Galvanized Water Main by Plugging	EA	\$ 1,559.50
801.III.2.2	Abandon 3" Galvanized Water Main by Plugging	EA	\$ 1,950.00
801.III.2.2	Abandon 4" Galvanized Water Main by Plugging	EA	\$ 2,080.00
801.III.2.2	Abandon 6" Force Main by Plugging	EA	\$ 2,340.00
801.III.2.3	6" Force Main Grout Fill	LF	\$ 300.00
801.III.2.4	Remove Storm Piping Below Grade (All types/sizes)	LF	\$ 800.00
801.III.2.5	Remove Storm Piping Above Grade (All types/sizes)	LF	\$ 1,500.00

**PART 4 - Excavation and Earthwork**

Spec. No.	Description	Unit	Unit Price
801.III.4	AASHTO Class A-3 Soil	CY	\$ 200.00

**PART 5 - Flowable Fill**

Spec. No.	Description	Unit	Unit Price
801.III.5	Flowable Fill	CY	\$ 650.00
801.III.5	Excavatable Flowable Fill	CY	\$ 675.00

**SECTION VII (GRASSING)**

Spec. No.	Description	Unit	Unit Price
801.VII	Sodding	SY	\$ 43.50

**SECTION VIII (PAVING)**

**PART 3 - Removal of Paving**

Spec. No.	Description	Unit	Unit Price
801.VIII.3	Pavement Removal	SY	\$ 7.70

**PART 4 - Paving Repair - Cross Cuts and Patch**

Spec. No.	Description	Unit	Unit Price
801.VIII.4	Case X Pavement Repair Permanent	SY	\$ 77.10

**PART 5 - Paving Replacement - New Road Construction**

Spec. No.	Description	Unit	Unit Price
801.VIII.5	Paving Replacement - Sub-Base Construction no Swales	SY	\$ 100.00
801.VIII.6	Paving Replacement - Sub-Base Construction with Swales	SY	\$ 115.00
801.VIII.6	Paving Replacement - 6" Crushed Concrete	SY	\$ 120.00
801.VIII.6	Paving Replacement, Type SP-12.5, 2"	SY	\$ 150.00

**PART 8 - Existing Pavement - Milling and Resurfacing**

Spec. No.	Description	Unit	Unit Price
801.VIII.8	1.5" Mill & Resurface	SY	\$ 39.80

## SECTION I (SIDEWALK, DRIVEWAY, CURB AND GUTTER)

### PART 1 - Removal of Sidewalk

Spec. No.	Description	Unit	Unit Price
801.IX.1	Concrete Sidewalk Removal (all thicknesses)	SY	\$ 30.00
801.IX.1	Removal and Replacement Existing Brick Pavers	SY	\$ 300.00

### PART 2 - Removal of Driveway

Spec. No.	Description	Unit	Unit Price
801.IX.2	Driveway Removal (all types)	SY	\$ 9.80

### PART 3 - Removal of Curb and Gutter

Spec. No.	Description	Unit	Unit Price
801.IX.3	Removal of Curb And Gutter	LF	\$ 43.50

### PART 4 - Installation of Sidewalk

Spec. No.	Description	Unit	Unit Price
801.IX.4	4" Thick Concrete Sidewalk Replacement	SY	\$ 93.30
801.IX.4	ADA Ramp Installation	EA	\$ 2,500.00

### PART 5 - Installation of Driveways

Spec. No.	Description	Unit	Unit Price
801.IX.5	5" Thick Concrete Driveway	SY	\$ 131.80
801.IX.5	Concrete Driveway Replacement	SY	\$ 145.00
801.IX.5	Asphalt/Dirt Driveway	SY	\$ 90.00

### PART 6 - Installation of Curb and Gutter

Spec. No.	Description	Unit	Unit Price
801.IX.6	Installation of Curb And Gutter	LF	\$ 230.00

## SECTION II (FENCING)

Spec. No.	Description	Unit	Unit Price
801.X	Remove & Replace Chain Link Fence	LF	\$ 400.00
801.X	Remove & Replace Fence and Gate	LF	\$ 450.00
801.X	Remove & Replace Wooden Post Fence	LF	\$ 520.00

## SECTION III (DRAINAGE)

### PART 1 - Installation of Drainage Pipe

Spec. No.	Description	Unit	Unit Price
801.XI.1	11" x 17" ECMP	LF	\$ 750.00
801.XI.1	12" RCP	LF	\$ 770.00
801.XI.1	15" RCP	LF	\$ 800.00
801.XI.1	18" RCP	LF	\$ 850.00
801.XI.1	24" RCP	LF	\$ 900.00
801.XI.1	36" RCP	LF	\$ 1,200.00
801.XI.1	48" RCP	LF	\$ 2,000.00

## SECTION IV (POTABLE WATER PIPING)

### PART I - Furnishing and Installing Pipeline

Spec. No.	Description	Unit	Unit Price
801.XII.1	4" Ductile Iron Water Main	LF	\$ 275.00
801.XII.1	6" Ductile Iron Water Main	LF	\$ 300.00
801.XII.1	8" Ductile Iron Water Main	LF	\$ 340.00

801.XII.1	10" Ductile Iron Water Main	LF	\$	355.00
801.XII.1	12" Ductile Iron Water Main	LF	\$	405.00
801.XII.1	2" HDPE SDR-9 CTS Water Main	LF	\$	237.80
801.XII.1	4" PVC DR-18 Water Main	LF	\$	270.00
801.XII.1	6" PVC DR-18 Water Main	LF	\$	297.40
801.XII.1	8" PVC DR-18 Water Main	LF	\$	335.30
801.XII.1	10" PVC DR-18 Water Main	LF	\$	350.00
801.XII.1	12" PVC DR-18 Water Main	LF	\$	400.00
PART 2 - Furnishing and Installing Fittings				
Spec. No.	Description	Unit		Unit Price
801.XII.2	2" x 2" Tapping Saddle w/ Corp Stop	EA	\$	1,950.10
801.XII.2	6" x 2" Tapping Saddle w/ Corp Stop	EA	\$	2,045.00
801.XII.2	4" DI MJ 11.25 Degree Bend	EA	\$	900.00
801.XII.2	4" DI MJ 22.5 Degree Bend	EA	\$	900.00
801.XII.2	4" DI MJ 45 Degree Bend	EA	\$	1,400.00
801.XII.2	4" DI MJ 90 Degree Bend	EA	\$	900.00
801.XII.2	6" DI MJ 11.25 Degree Bend	EA	\$	1,105.00
801.XII.2	6" DI MJ 22.5 Degree Bend	EA	\$	1,105.00
801.XII.2	6" DI MJ 45 Degree Bend	EA	\$	1,548.40
801.XII.2	6" DI MJ 90 Degree Bend	EA	\$	1,044.60
801.XII.2	8" DI MJ 11.25 Degree Bend	EA	\$	1,600.00
801.XII.2	8" DI MJ 22.5 Degree Bend	EA	\$	1,600.00
801.XII.2	8" DI MJ 45 Degree Bend	EA	\$	1,933.90
801.XII.2	8" DI MJ 90 Degree Bend	EA	\$	1,600.00
801.XII.2	4"x 2" Reducer	EA	\$	975.00
801.XII.2	6" x 4" DI MJ Reducer	EA	\$	1,105.00
801.XII.2	8" x 6" DI MJ Reducer	EA	\$	1,170.00
801.XII.2	8 x 4 DI MJ Reducer	EA	\$	1,170.00
801.XII.2	8" DI MJ Cross	EA	\$	2,500.00
801.XII.2	6" DI MJ Tee	EA	\$	1,820.00
801.XII.2	4" x 4"x 4" DI MJ Tee	EA	\$	1,319.50
801.XII.2	6" x 4" x 4" DI MJ Tee	EA	\$	1,579.50
801.XII.2	6" x 6" x 4" DI MJ Tee	EA	\$	965.20
801.XII.2	6" x 6" x 6" DI MJ Tee	EA	\$	1,085.80
801.XII.2	8" x 8" x 4" DI MJ Tee	EA	\$	1,885.00
801.XII.2	8" x 8" x 6" DI MJ Tee	EA	\$	1,856.00
801.XII.2	8" x 8" x 8" DI MJ Tee	EA	\$	2,080.00
801.XII.2	2" DI MJ Cap, Tapped 2"	EA	\$	1,100.00
801.XII.2	4" DI MJ Cap, Tapped 2"	EA	\$	1,169.40
801.XII.2	4" Cap, Tapped 2" w/Flushing Valve (cap only)	EA	\$	5,850.00
801.XII.2	4" Cap, Tapped 2" w/Flushing Valve (flushing valve only)	EA	\$	5,850.00
801.XII.2	6" DI MJ Cap, Tapped 2"	EA	\$	1,560.00
801.XII.2	6" Cap, 2" Tapped	EA	\$	1,560.00
801.XII.2	6" Cap, Tapped 2" w/Flushing Valve	EA	\$	6,110.00
801.XII.2	6" Cap, Tapped 2" w/Flushing Valve (W-28) (cap only)	EA	\$	6,110.00
801.XII.2	6" Cap, Tapped 2" w/Flushing Valve (W-28) (valve only)	EA	\$	6,110.00
801.XII.2	8" Cap, Tapped 2" w/Flushing Valve	EA	\$	6,500.00
801.XII.2	8" Cap, Tapped 2" w/Flushing Valve (W-28) (cap only)	EA	\$	6,500.00
801.XII.2	8" Cap, Tapped 2" w/Flushing Valve (W-28) (valve only)	EA	\$	6,500.00
801.XII.2	8" DI MJ Cap, Tapped 2"	EA	\$	2,900.00
801.XII.2	8" DI MJ Cap	EA	\$	2,950.00
801.XII.2	1.5" Tap	EA	\$	1,420.00
801.XII.2	1.5" Plug	EA	\$	1,450.00

801.XII.2	2" Plug	EA	\$	1,511.50
801.XII.2	4" Plug	EA	\$	1,700.00
801.XII.2	6" Plug	EA	\$	2,000.00
801.XII.2	8" Plug	EA	\$	3,000.00
PART 6 - Furnishing and Installing Pipe Bell Restraints				
Spec. No.	Description	Unit	Unit Price	
801.XII.6	4" Pipe Bell Restraints	EA	\$	240.00
801.XII.6	6" Pipe Bell Restraints	EA	\$	244.80
801.XII.6	8" Pipe Bell Restraints	EA	\$	299.30
801.XII.6	10" Pipe Bell Restraints	EA	\$	520.00
801.XII.6	12" Pipe Bell Restraints	EA	\$	559.00
PART 7 - Furnishing and Installing Pipe Bell Restraints on Existing Mains				
Spec. No.	Description	Unit	Unit Price	
801.XII.7	4" Pipe Bell Restraints	EA	\$	3,500.00
801.XII.7	6" Pipe Bell Restraints	EA	\$	4,000.00
801.XII.7	8" Pipe Bell Restraints	EA	\$	4,500.00
801.XII.7	10" Pipe Bell Restraints	EA	\$	5,000.00
801.XII.7	12" Pipe Bell Restraints	EA	\$	6,500.00
PART 9 - Furnishing and Installing New Water Services				
Spec. No.	Description	Unit	Unit Price	
801.XII.9	Furnish & Install New 1" Water Service to 2" WM - Short	EA	\$	2,340.00
801.XII.9	Furnish & Install New 1" Water Service to 2" WM - Long	EA	\$	3,250.00
801.XII.9	Furnish & Install New 1" Water Service to 4" WM - Short	EA	\$	2,860.00
801.XII.9	Furnish & Install New 1" Water Service to 4" WM - Long	EA	\$	3,770.00
801.XII.9	Furnish & Install New 1" Water Service to 6" WM - Short	EA	\$	3,250.00
801.XII.9	Furnish & Install New 1" Water Service to 6" WM - Long	EA	\$	4,160.00
801.XII.9	Furnish & Install New 1" Water Service to 8" WM - Short	EA	\$	3,445.00
801.XII.9	Furnish & Install New 1" Water Service to 8" WM - Long	EA	\$	4,355.00
801.XII.9	Furnish & Install New 1" Water Service to 10" WM - Short	EA	\$	3,640.00
801.XII.9	Furnish & Install New 1" Water Service to 10" WM - Long	EA	\$	4,550.00
801.XII.9	Furnish & Install New 1" Water Service to 12" WM - Short	EA	\$	3,770.00
801.XII.9	Furnish & Install New 1" Water Service to 12" WM - Long	EA	\$	4,680.00
801.XII.9	Furnish & Install New Double "1" Water Service to 2" WM Plate W-1 - Short	EA	\$	4,290.00
801.XII.9	Furnish & Install New Double "1" Water Service to 2" WM Plate W-1 - Long	EA	\$	5,330.00
801.XII.9	Furnish & Install New Double "1" Water Service to 4" WM Plate W-1 - Short	EA	\$	4,446.00
801.XII.9	Furnish & Install New Double "1" Water Service to 4" WM Plate W-1 - Long	EA	\$	5,486.00
801.XII.9	Furnish & Install New Double "1" Water Service to 6" WM Plate W-1 - Short	EA	\$	4,550.00
801.XII.9	Furnish & Install New Double "1" Water Service to 6" WM Plate W-1 - Long	EA	\$	5,590.00
801.XII.9	Furnish & Install New Double "1" Water Service to 8" WM Plate W-1 - Short	EA	\$	4,745.00
801.XII.9	Furnish & Install New Double "1" Water Service to 8" WM Plate W-1 - Long	EA	\$	5,785.00
801.XII.9	Furnish & Install New Double "1" Water Service to 10" WM Plate W-1 - Short	EA	\$	5,070.00
801.XII.9	Furnish & Install New Double "1" Water Service to 10" WM Plate W-1 - Long	EA	\$	6,110.00
801.XII.9	Furnish & Install New Double "1" Water Service to 12" WM Plate W-1 - Short	EA	\$	5,460.00
801.XII.9	Furnish & Install New Double "1" Water Service to 12" WM Plate W-1 - Long	EA	\$	6,500.00
PART 10 - Replacement Relocation Residential Water Services				
Spec. No.	Description	Unit	Unit Price	
801.XII.10	Remove & Replace Existing 1" Water Service to 2" WM - Short	EA	\$	4,940.00
801.XII.10	Remove & Replace Existing 1" Water Service to 2" WM - Long	EA	\$	6,240.00
801.XII.10	Remove & Replace Existing 1" Water Service to 4" WM - Short	EA	\$	5,070.00
801.XII.10	Remove & Replace Existing 1" Water Service to 4" WM - Long	EA	\$	6,370.00
801.XII.10	Remove & Replace Existing 1" Water Service to 6" WM - Short	EA	\$	1,973.60
801.XII.10	Remove & Replace Existing 1" Water Service to 6" WM - Long	EA	\$	3,339.60
801.XII.10	Remove & Replace Existing 1" Water Service to 8" WM - Short	EA	\$	2,265.90



801.XII.10	Remove & Replace Existing 1" Water Service to 8" WM - Long	EA	\$	3,771.30
801.XII.10	Remove & Replace Existing 1" Water Service to 10" WM - Short	EA	\$	5,460.00
801.XII.10	Remove & Replace Existing 1" Water Service to 10" WM - Long	EA	\$	6,760.00
801.XII.10	Remove & Replace Existing 1" Water Service to 12" WM - Short	EA	\$	5,720.00
801.XII.10	Remove & Replace Existing 1" Water Service to 12" WM - Long	EA	\$	7,020.00
801.XII.10	Remove & Replace Double "1" Water Service to 2" WM Plate W-1 - Short	EA	\$	6,500.00
801.XII.10	Remove & Replace Double "1" Water Service to 2" WM Plate W-1 - Long	EA	\$	7,800.00
801.XII.10	Remove & Replace Double "1" Water Service to 4" WM Plate W-1 - Short	EA	\$	6,630.00
801.XII.10	Remove & Replace Double "1" Water Service to 4" WM Plate W-1 - Long	EA	\$	7,930.00
801.XII.10	Remove & Replace Double "1" Water Service to 6" WM Plate W-1 - Short	EA	\$	6,760.00
801.XII.10	Remove & Replace Double "1" Water Service to 6" WM Plate W-1 - Long	EA	\$	8,060.00
801.XII.10	Remove & Replace Double "1" Water Service to 8" WM Plate W-1 - Short	EA	\$	6,890.00
801.XII.10	Remove & Replace Double "1" Water Service to 8" WM Plate W-1 - Long	EA	\$	8,190.00
801.XII.10	Remove & Replace Gang "1" Water Service to 4" WM Plate W-1 - Short	EA	\$	13,000.00
801.XII.10	Remove & Replace Gang "1" Water Service to 4" WM Plate W-1 - Long	EA	\$	15,535.00
801.XII.10	Remove & Replace Gang "1" Water Service to 6" WM Plate W-1 - Short	EA	\$	13,325.00
801.XII.10	Remove & Replace Gang "1" Water Service to 6" WM Plate W-1 - Long	EA	\$	15,860.00
801.XII.10	Remove & Replace Gang "1" Water Service to 8" WM Plate W-1 - Short	EA	\$	13,715.00
801.XII.10	Remove & Replace Gang "1" Water Service to 8" WM Plate W-1 - Long	EA	\$	16,250.00
801.XII.10	Remove & Replace Gang "1" Water Service to 10" WM Plate W-1 - Short	EA	\$	14,040.00
801.XII.10	Remove & Replace Gang "1" Water Service to 10" WM Plate W-1 - Long	EA	\$	16,640.00
801.XII.10	Remove & Replace Gang "1" Water Service to 12" WM Plate W-1 - Short	EA	\$	14,300.00
801.XII.10	Remove & Replace Gang "1" Water Service to 12" WM Plate W-1 - Long	EA	\$	17,030.00
801.XII.10	Remove & Relocate Existing 1" Water Service to 2" WM - Short	EA	\$	4,940.00
801.XII.10	Remove & Relocate Existing 1" Water Service to 2" WM - Long	EA	\$	6,240.00
801.XII.10	Remove & Relocate Existing 1" Water Service to 4" WM - Short	EA	\$	5,070.00
801.XII.10	Remove & Relocate Existing 1" Water Service to 4" WM - Long	EA	\$	6,370.00
801.XII.10	Remove & Relocate Existing 1" Water Service to 6" WM - Short	EA	\$	2,908.60
801.XII.10	Remove & Relocate Existing 1" Water Service to 6" WM - Long	EA	\$	6,500.00
801.XII.10	Remove & Relocate Existing 1" Water Service to 8" WM - Short	EA	\$	5,330.00
801.XII.10	Remove & Relocate Existing 1" Water Service to 8" WM - Long	EA	\$	6,630.00
801.XII.10	Remove & Relocate Existing 1" Water Service to 10" WM - Short	EA	\$	5,460.00
801.XII.10	Remove & Relocate Existing 1" Water Service to 10" WM - Long	EA	\$	6,760.00
801.XII.10	Remove & Relocate Existing 1" Water Service to 12" WM - Short	EA	\$	5,720.00
801.XII.10	Remove & Relocate Existing 1" Water Service to 12" WM - Long	EA	\$	7,020.00
801.XII.10	Remove & Relocate Double "1" Water Service to 2" WM Plate W-1 - Short	EA	\$	6,500.00
801.XII.10	Remove & Relocate Double "1" Water Service to 2" WM Plate W-1 - Long	EA	\$	7,800.00
801.XII.10	Remove & Relocate Double "1" Water Service to 4" WM Plate W-1 - Short	EA	\$	6,630.00
801.XII.10	Remove & Relocate Double "1" Water Service to 4" WM Plate W-1 - Long	EA	\$	7,930.00
801.XII.10	Remove & Relocate 'Double' "1" Water Service to 6" WM [Plate W-1] - Short	EA	\$	6,760.00
801.XII.10	Remove & Relocate Double "1" Water Service to 6" WM Plate W-1 - Long	EA	\$	8,060.00
801.XII.10	Remove & Relocate Double "1" Water Service to 8" WM Plate W-1 - Short	EA	\$	6,890.00
801.XII.10	Remove & Relocate Double "1" Water Service to 8" WM Plate W-1 - Long	EA	\$	8,190.00
801.XII.10	Remove & Relocate Double "1" Water Service to 10" WM Plate W-1 - Short	EA	\$	7,540.00
801.XII.10	Remove & Relocate Double "1" Water Service to 10" WM Plate W-1 - Long	EA	\$	8,970.00
801.XII.10	Remove & Relocate Double "1" Water Service to 12" WM Plate W-1 - Short	EA	\$	8,125.00
801.XII.10	Remove & Relocate Double "1" Water Service to 12" WM Plate W-1 - Long	EA	\$	9,256.00
801.XII.10	Remove & Relocate Gang "1" Water Service to 4" WM Plate W-1 - Short	EA	\$	13,000.00
801.XII.10	Remove & Relocate Gang "1" Water Service to 4" WM Plate W-1 - Long	EA	\$	15,535.00
801.XII.10	Remove & Relocate Gang "1" Water Service to 6" WM Plate W-1 - Short	EA	\$	13,325.00
801.XII.10	Remove & Relocate Gang "1" Water Service to 6" WM Plate W-1 - Long	EA	\$	15,860.00
801.XII.10	Remove & Relocate Gang "1" Water Service to 8" WM Plate W-1 - Short	EA	\$	13,715.00
801.XII.10	Remove & Relocate Gang "1" Water Service to 8" WM Plate W-1 - Long	EA	\$	16,250.00

801.XII.10	Remove & Relocate Gang "1" Water Service to 10" WM Plate W-1 - Short	EA	\$	14,040.00
801.XII.10	Remove & Relocate Gang "1" Water Service to 10" WM Plate W-1 - Long	EA	\$	16,640.00
801.XII.10	Remove & Relocate Gang "1" Water Service to 12" WM Plate W-1 - Short	EA	\$	14,300.00
801.XII.10	Remove & Relocate Gang "1" Water Service to 12" WM Plate W-1 - Long	EA	\$	22,022.00
PART 11 - Existing Residential Water Meter Assembly Adjustment (Raise)				
Spec. No.	Description	Unit	Unit Price	
801.XII.11	Install Resetter to Raise Existing Meter to Revised Grade	EA	\$	3,500.00
PART 13 - Compliance Sample Taps ( EA Plate W-27)				
Spec. No.	Description	Unit	Unit Price	
801.XII.13	Compliance Sample Tap (W-27)	EA	\$	3,380.00
PART 14 - Temporary Sample Taps				
Spec. No.	Description	Unit	Unit Price	
801.XII.14	Temporary Sample Tap (W-25, W-26)	EA	\$	1,702.70
801.XII.14	Sample Tap (W-24)	EA	\$	3,380.00
801.XII.14	Sample Tap (W-24A)	EA	\$	3,445.00
SECTION III (WATER VALVES AND APPURTENANCES)				
PART 1 - Furnishing and Installing Fire Hydrants				
Spec. No.	Description	Unit	Unit Price	
801.XIII.1	Furnish and Install Fire Hydrant	EA	\$	7,682.30
PART 3 - Furnishing and Installing Valves				
Spec. No.	Description	Unit	Unit Price	
801.XIII.3	4" Gate Valve	EA	\$	3,120.00
801.XIII.3	6" Gate Valve	EA	\$	3,380.00
801.XIII.3	8" Gate Valve	EA	\$	3,640.00
801.XIII.3	4" Gate Valve w/C.I. Valve Box	EA	\$	3,019.30
801.XIII.3	6" Gate Valve w/C.I. Valve Box	EA	\$	3,264.70
801.XIII.3	8" Gate Valve w/C.I. Valve Box	EA	\$	3,896.60
PART 4 - Furnishing and Installing Tapping Sleeves and Valves				
Spec. No.	Description	Unit	Unit Price	
801.XIII.4	2" x 2" Tapping Saddle	EA	\$	4,680.00
801.XIII.4	4" x 2" Tapping Saddle	EA	\$	4,940.00
801.XIII.4	6" x 2" Tapping Saddle	EA	\$	5,070.00
801.XIII.4	8" x 2" Tapping Saddle	EA	\$	5,330.00
801.XIII.4	10" x 2" Tapping Saddle	EA	\$	5,460.00
801.XIII.4	12" x 2" Tapping Saddle	EA	\$	5,850.00
801.XIII.4	4" x 4" Tapping Saddle	EA	\$	11,700.00
801.XIII.4	6" x 4" Tapping Saddle	EA	\$	11,960.00
801.XIII.4	8" x 4" Tapping Saddle	EA	\$	12,155.00
801.XIII.4	10" x 4" Tapping Saddle	EA	\$	15,080.00
801.XIII.4	12" x 4" Tapping Saddle	EA	\$	15,340.00
801.XIII.4	6" x 6" Tapping Saddle	EA	\$	15,106.00
801.XIII.4	8" x 6" Tapping Saddle	EA	\$	15,145.00
801.XIII.4	10" x 6" Tapping Saddle	EA	\$	9,727.30
801.XIII.4	12" x 6" Tapping Saddle	EA	\$	11,102.90
801.XIII.4	8" x 8" Tapping Saddle	EA	\$	10,603.60
801.XIII.4	10" x 8" Tapping Saddle	EA	\$	16,705.00
801.XIII.4	12" x 8" Tapping Saddle	EA	\$	17,095.00
801.XIII.4	10" x 10" Tapping Saddle	EA	\$	19,708.00
801.XIII.4	12" x 10" Tapping Saddle	EA	\$	18,453.50
801.XIII.4	12" x 12" Tapping Saddle	EA	\$	22,880.00
PART 7 - Furnishing and Installing Valves or Fittings in Existing Pipelines				

Spec. No.	Description	Unit	Unit Price
801.XIII.7	Connect to Existing 2" Water Main: 2" Sleeve Only	EA	\$ 12,794.60
801.XIII.7	Connect to Existing 4" Water Main: 4" Sleeve Only	EA	\$ 13,039.00
801.XIII.7	Connect to Existing 6" Water Main: 6" Sleeve Only	EA	\$ 5,566.60
801.XIII.7	Connect to Existing 8" Water Main: 8" Sleeve Only	EA	\$ 6,031.20
801.XIII.7	Connect to Existing 10" Water Main: 10" Sleeve Only	EA	\$ 13,644.80
801.XIII.7	Connect to Existing 12" Water Main: 12" Sleeve Only	EA	\$ 13,806.00
801.XIII.7	Install Valve on Existing 4" Water Main	EA	\$ 13,481.00
801.XIII.7	Install Valve on Existing 6" Water Main	EA	\$ 13,806.00
801.XIII.7	Install Valve on Existing 8" Water Main	EA	\$ 14,274.00
801.XIII.7	Install Valve on Existing 10" Water Main	EA	\$ 15,106.00
801.XIII.7	Install Valve on Existing 12" Water Main	EA	\$ 15,548.00
801.XIII.7	Install Tee on Existing 2" Water Main	EA	\$ 16,380.00
801.XIII.7	Install Tee on Existing 4" Water Main	EA	\$ 16,510.00
801.XIII.7	Install Tee on Existing 6" Water Main	EA	\$ 16,640.00
801.XIII.7	Install Tee on Existing 8" Water Main	EA	\$ 16,835.00
801.XIII.7	Install Tee on Existing 10" Water Main	EA	\$ 17,160.00
801.XIII.7	Install Tee on Existing 12" Water Main	EA	\$ 17,316.00
801.XIII.7	Install Fitting other than Tee on Existing 2" Water Main	EA	\$ 13,780.00
801.XIII.7	Install Fitting other than Tee on Existing 4" Water Main	EA	\$ 13,494.00
801.XIII.7	Install Fitting other than Tee on Existing 6" Water Main	EA	\$ 13,819.00
801.XIII.7	Install Fitting other than Tee on Existing 8" Water Main	EA	\$ 14,287.00
801.XIII.7	Install Fitting other than Tee on Existing 10" Water Main	EA	\$ 15,119.00
801.XIII.7	Install Fitting other than Tee on Existing 12" Water Main	EA	\$ 15,561.00
PART 8 - Valve Box and Cover Adjustment			
Spec. No.	Description	Unit	Unit Price
801.XIII.8	Furnish and Install Flushing Valves - Below Grade	EA	\$ 2,703.40
801.XIII.8	Furnish and Install Flushing Valves - Above Grade	EA	\$ 3,050.00
SECTION IV (SEWAGE MANHOLES)			
PART 6 - Manhole Top Adjustment			
Spec. No.	Description	Unit	Unit Price
801.XIV.6	Manhole Top Adjustment	EA	\$ 5,094.50



## Formal Bid and Award System

Award #7 June 30, 2022

**Type of Award Request:** SINGLE SOURCE  
**Request Number** 540  
**Requestor Name:** Donovan, William T - Electric Systems Engineer  
**Requestor Phone:** (904) 665-6321  
**Project Title:** Northside Generating Station (NGS) MCCs in Northside's N34 CT  
**Project Number:** 8006883  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$523,626.00

### Scope of Work:

The N34 CT at Northside is 47 years old. The Motor Control Cabinet (MCC) components are failing and hard to replace. This project will replace the LV and MV MCCs with OEM modern equipment to improve the unit reliability and availability.

The scope of supplier includes, but is not limited to:

- 1.) Motor Control Center, Low Voltage Marks: MCC, 8 Section(s), 600 Amps, 3 Phase 3 Wire, 480 V ac, 60 Hz
- 2.) Medium Voltage Motor Control Center, Limitamp Marks: MCC W/ SEL, 1200 A, 3 Phase 3 Wire, 4160 V ac, 60 Hz

ABB will provide equipment & technical support during installation and commissioning. JEA will provide installation via separate contract.

**Purchasing Agent:** Lovgren, Rodney Dennis

**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
ABB INC.	Alfredo Huete	Alfredo.huete@us.abb.com	29713 Network Place, Chicago, IL 60673-1297	(305)282-0970	\$502,803.00

**Amount for entire term of Contract/PO:** \$502,803.00

**Award Amount for remainder of this FY:** \$156,838.00

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

**Begin Date (mm/dd/yyyy):** 07/01/2022

**End Date (mm/dd/yyyy):** Project Completion (Installation Completion expected 05/31/2023)

**JSEB Requirement:** N/A - OEM



**BIDDER:**

Name	Amount
ABB INC.	\$502,803.00

**Background/Recommendations:**

Pursuant to 3-112 Single Source of the JEA Procurement Code section (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, making ABB Inc. the Single Source for this product. The Single Source documentation is attached.

Northside Generating Station CT Unit N34 has GE Motor Control Centers. ABB previously acquired the Industrial OEM that services the existing equipment. JEA recently completed this upgrade on NGS CT Unit N33. When JEA last completed unit NGS N33 in July 2021 the final price was \$278,172.00. This previous project was proposed and started in 2020 under very different market conditions. ABB during the performance of the N33 project realized significantly more time was needed in assessment, engineering and site support during installation and commissioning. Additionally, since the last project, equipment and appurtenance pricing has increased significantly. JEA understood and accounted for these risks in the CT Unit N34 Budget Estimate. The proposal price of \$502,803.00 is approximately four percent (4%) less than the Budget Estimate and is deemed reasonable.

ABB's proposal includes specific services such as:

- Developing the engineered equipment plan for new equipment
- Site assessments to trace and validate existing wiring
- Technical Support during installation
- Commissioning Support during start up

Request approval to award a single source contract ABB, Inc. for Northside Generating Station Unit 34 MCC Upgrade in the amount of \$502,803.00, subject to the availability of lawfully appropriated funds.

**Manager:** Akrayi, Jamila – Manager, Project Management  
**Director:** Limbaugh, Margaret Z. - Dir Energy Project Management  
**VP:** Erixton, Ricky – VP Electric Services

**APPROVALS:**

Hai X. Vu 06/30/2022

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

Laure A Whitmer 6/30/22

**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:**

ABB, Inc.

---

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

The Power Cab electrical equipment for the GE combustion turbines at NGS is over 40 years old, obsolete and in critical need to be replaced. On July 1, 2018, ABB completed the acquisition of GE industrial Solutions; the OEM of the existing electrical equipment on all four units. JEA has outdated and very limited documentation and drawings of the existing electrical equipment. The initial phase of this project is to develop detailed engineering drawings of the electrical system by having qualified OEM field engineers familiar with the equipment trace out all electrical wiring, develop an equipment upgrade plan and bill of materials to be used during phase 2 of this project. Phase 2 of the project will include the removal of the old equipment and the

procurement, installation and commissioning of new equipment. JEA requested a quote from ABB and after a few site visits to assess at the condition of the existing equipment, they provided us with a proposal to complete Phase 1 of this project for one of the combustion turbines. This project has a significant inherent risk due to the lack of existing drawings and the many unknowns about the condition of wiring and equipment in a difficult to access confined space area below the Power Cab enclosure. Due to the complexity, uniqueness and critically of these combustion turbines, it is in the best interest of JEA to award this project to the OEM.

3. **Certification:**

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

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

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

OR

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

Jamila Akrayi  
Signature of JEA Business Unit Manager

6/16/22  
Date

Jamila Akrayi  
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.

**BUYERS INFORMATION:**

Quote Requested by	Bill Donovan
Company	Jacksonville Electrical Authority (JEA)
Address	Jacksonville, FL
Phone	(904) 728-1871
Email	donowt@jea.com

NOTICE: This quotation is void unless accepted within 30 days from date hereof and is subject to change upon notice. However, if ABB elects to perform the services covered by the quotation, in response to an order placed 30 or more days after the date of the quotation, the terms of the quotation will apply.

<b>QUOTATION NO.</b>	H653947-0522M-R0
<b>DATE</b>	May 23, 2022

**SUBMIT PURCHASE ORDER TO:**

**ABB, INC.**

Alfredo Huete  
ABB Sales Manager  
alfredo.huete@us.abb.com  
+1 (305) 282-0970

**REMIT PAYMENT TO:**

**ABB INC.**

29713 Network Place  
Chicago, IL 60673-1297  
Tax ID: 36-3100018

**Work Services Description**

ABB is pleased to offer this proposal for equipment and field services at Jacksonville Electrical Authority's (JEA) Northside Generating Station located in Jacksonville, Florida. Equipment is to replace (1) back to back GE IC7700 MCC lineups and Medium Voltage Limitamp starters located at Combustion Turbine #3.

**Scope of Supply**

1. Equipment

Item No.	Qty	Description
1	1	<p><b>Motor Control Center, Low Voltage</b></p> <p><b>Marks: MCC</b></p> <p><b>8 Section(s), NEMA 1 with Gasketing</b></p> <p>Not Suitable for Service Entrance</p> <p>600 Amps, 3 Phase 3 Wire, 480 V ac, 60 Hz</p> <p>Minimum Interrupt Rating: 65kA Fully Rated; Bus Bracing Rating: 65 kA</p> <p>Incoming Feed: Bottom</p> <p>Incoming Left Feeding Right</p> <p>Front Only Mounting</p> <p>NEMA Wiring Classification I-BT "Class 1-BT (Independent units with NO Factory interconnecting wires, load wiring to Terminal Board (Size 1&amp;2))"</p> <p>UL 845 Certified for US and Canada, NEMA ICS 18, NEC</p> <p>The Lineup will NOT be provided with Seismic Certification</p> <p>Enclosure Paint: ANSI-61 (Light Gray) tested to minimum withstand of 600 hours humidity and salt spray test.</p> <p>Customer will provide Specifications and Drawings to the Factory.</p> <p><b>Dimensions and Weight (Estimated)</b></p> <p>Section 1 "AA": Height=90 in; Width=20 in; Depth=20 in</p> <p>Section 2 "AB": Height=90 in; Width=20 in; Depth=20 in</p> <p>Section 3 "AC": Height=90 in; Width=20 in; Depth=20 in</p> <p>Section 4 "AD": Height=90 in; Width=20 in; Depth=20 in</p> <p>Section 5 "AE": Height=90 in; Width=20 in; Depth=20 in</p> <p>Section 6 "AF":</p>



Height=90 in; Width=20 in; Depth=20 in

Section 7 "AG":

Height=90 in; Width=20 in; Depth=20 in

Section 8 "AH":

Height=90 in; Width=20 in; Depth=20 in

Lineup Total:

Height=90 in; Width=160 in; Depth=20 in

**List of Materials**

8 NEMA 1 With Gasketing Enclosure 20W

8 Fully Rated COPPER Standard Tin plated Bus 600A 20 Wide

8 Ground COPPER Standard Tin plated Bus 300A 20 Wide

8 Vertical Ground Bus Provided 72 High

23 Vertical Unit Ground Lug provided

8 Vertical COPPER Standard Tin plated Bus 600A 72 High

**Options**

8 Rear Main Bus Barrier

8 Insulated Main Bus

8 Low Voltage Barrier

24 Unit Shutter Mechanism

1 Certified Test Reports

8 Double-Bolted Main Bus

8 Space Heater (120V)

1 Circuit Breaker Required for Space Heaters

1 Thermostat (120V)

8 Space Heater Guard(s)

7 Equipment Mounted Elementary Wiring Diagram

3 Standard Catalog Renewal Parts Book

37 Engraved Nameplates Black with White Text

37 Internal Device Identification Labels

8 NEMA Wiring Classification: I-BT "Class 1-BT (Independent units with NO Factoryinterconnecting wires, load wiring to Terminal Board (Size 1&2))"

20 Control Wire Type: SIS VW1

20 Control Wire Markers: Heat Shrink Non PVC

20 Control Wire Terminal: Insulated Locking Spade

20 Control Terminal Board: Hi Density Standard

22 Power Wire Type: SIS VW1 OR XHHW

22 Power Wire Markers: Heat Shrink Non PVC

22 Power Wire Terminal: Insulated Ring I

22 Power Wire Terminal Board: Standard

**Main 1 Circuit Breaker**

1 Circuit Breaker, 600 A Frame, 600 A Trip, 3 Pole, Thermal Magnetic XT5H600

Stationary Stab

Manually Operated Circuit Breaker

2/0 AWG - 500 MCM Mechanical (1-Hole) ALUMINUM Line Lugs (2) Cables Per Phase

Electronic Ekip Dip LSI Trip Unit

1 Keylock Provided

**Metering / Monitoring**

1 Type 2 Surge Protection Device ME 80/160 kA per Mode/Phase

1 RGM 2200 (Shark50-V3-485P-X) (Main)

3 Current Transformer (3)

2 Potential Transformer (2)

**Main 2 Circuit Breaker**

1 Circuit Breaker, 600 A Frame, 600 A Trip, 3 Pole, Thermal Magnetic XT5H600

Stationary Stab

Manually Operated Circuit Breaker

2/0 AWG - 500 MCM Mechanical (1-Hole) ALUMINUM Line Lugs (2) Cables Per Phase

Electronic Ekip Dip LSI Trip Unit

1 Keylock Provided

**Metering / Monitoring**

1 RGM 2200 (Shark50-V3-485P-X) (Main)

3 Current Transformer (3)

2 Potential Transformer (2)

**Starter**

13 Full Voltage Non-Reversing, 300 Contactor Type

10 hp; 7.46 kW, Nema Size 1, Magnetic Starter

13 Circuit Breaker, 20 A Trip, 3 Pole, Magnetic, SELI

Stationary Stab

13 SOLID STATE Overload Relay

13 Control Power Type: Control Power Transformer - 150VA

13 Aux Contacts

Used Contacts: (1) Normally Open Contact (1) Normally Closed Contact

Extra Auxiliary Contacts: (2) Normally Open Contacts (1) Normally Closed Contact

13 Pilot Devices

Lights : Run / Stop (Red / Green), Push To Test, LED Transformer

Switches / Pushbuttons : Hand / Off / Auto (SW) (Black), Non Illuminated

**Custom Relays**

13 Control Relay: NF Series 120V Auxiliary Control with 4NO 4NC

**Starter**

4 Full Voltage Non-Reversing, 300 Contactor Type

25 hp; 18.65 kW, Nema Size 2, Magnetic Starter

4 Circuit Breaker, 50 A Trip, 3 Pole, Magnetic, SELI

Stationary Stab

4 SOLID STATE Overload Relay

4 Control Power Type: Control Power Transformer - 150VA

4 Aux Contacts

Used Contacts: (1) Normally Open Contact (1) Normally Closed Contact

Extra Auxiliary Contacts: (2) Normally Open Contacts (2) Normally Closed Contacts

4 Pilot Devices

Lights : Run / Stop (Red / Green), Push To Test, LED Transformer

Switches / Pushbuttons : Hand / Off / Auto (SW) (Black), Non Illuminated

**Custom Relays**

4 Control Relay: NF Series 120V Auxiliary Control with 4NO 4NC

**Starter**

2 Full Voltage Non-Reversing, 300 Contactor Type

50 hp; 37.3 kW, Nema Size 3, Magnetic Starter

2 Circuit Breaker, 100 A Trip, 3 Pole, Magnetic, SELI

Stationary Stab

2 SOLID STATE Overload Relay

2 Control Power Type: Control Power Transformer - 300VA

2 Aux Contacts

Used Contacts: (1) Normally Open Contact (1) Normally Closed Contact

Extra Auxiliary Contacts: (2) Normally Open Contacts (2) Normally Closed Contacts

2 Pilot Devices

Lights : Run / Stop (Red / Green), Push To Test, LED Transformer

Switches / Pushbuttons : Hand / Off / Auto (SW) (Black), Non Illuminated

**Custom Relays**

2 Control Relay: NF Series 120V Auxiliary Control with 4NO 4NC

**Starter Manual Entry**

2 CR104PXC GE Contact Block - Push Button/Switch

**Starter**

1 Full Voltage Non-Reversing, 300 Contactor Type  
 10 hp; 7.46 kW, Nema Size 1, Magnetic Starter  
 1 Circuit Breaker, 20 A Trip, 3 Pole, Magnetic, SELI  
 Stationary Stab  
 1 SOLID STATE Overload Relay  
 1 Control Power Type: Control Power Transformer - 150VA  
 1 Aux Contacts  
 Used Contacts: (1) Normally Open Contact (1) Normally Closed Contact  
 Extra Auxiliary Contacts: (2) Normally Open Contacts (1) Normally Closed Contact  
 1 Pilot Devices  
 Lights : Run / Stop (Red / Green), Push To Test, LED Transformer  
 Switches / Pushbuttons : Hand / Off / Auto (SW) (Black), Non Illuminated

**Custom Relays**

2 Control Relay: NF Series 120V Auxiliary Control with 4NO 4NC

**Starter Manual Entry**

1 CR104PXC GE Contact Block - Push Button/Switch

**Feeder**

1 Circuit Breaker, 250 A Frame, 150 A Trip, 3 Pole, Thermal Magnetic, XT4H250  
 Manually Operated Circuit Breaker  
 Stationary Stab  
 3 #4 AWG - 300 kcmil Mechanical Aluminum Load Lugs  
 Thermal Magnetic Fixed Trip Unit

**Feeder**

1 Circuit Breaker, 250 A Frame, 225 A Trip, 3 Pole, Thermal Magnetic, XT4H250  
 Manually Operated Circuit Breaker  
 Stationary Stab  
 3 #4 AWG - 300 kcmil Mechanical Aluminum Load Lugs  
 Thermal Magnetic Fixed Trip Unit

**Lighting Panelboards**

1 24 Circuits AE/AS-A-Series TEY Branches, 480V, 800A Max  
 225 Amps, 3 Phase 4 Wire 480Y/277V  
 Minimum Interrupt Rating: 65kA Fully Rated  
 Incoming Main Feed: Top from Feeder Circuit Breaker in Lineup  
 225 Amps, Main Lugs  
 1-lug/phase 1-cable/lug #6 -350 MCM  
 Copper Bus 1000A PSI  
 (3) Feeder Breaker Device 15 Amps 3 Poles TEYL  
 (2) Feeder Breaker Device 30 Amps 3 Poles TEYL  
 (1) Feeder Breaker Device 50 Amps 3 Poles TEYL  
 (2) Feeder Breaker Device 70 Amps 3 Poles TEYL

**1 Relay Compartment**

Standard Door / Wireway Height= 18 in  
 1 Relay Powering Components  
 1 Control Relay: NF Series 120V Auxiliary Control with 4NO 4NC

**1 Relay Compartment**

Standard Door / Wireway Height= 18 in  
 1 Relay Powering Components  
 1 Control Relay: NF Series 120V Auxiliary Control with 4NO 0NC

**Relay Compartment Manual Entry**

1 MGE#W250CPX-7 MAGNECRAFT Relay - 4 Pole - 24VDC  
 1 ES-27 3AA1N2N0 BASLER UNDER VOLTAGE SOLID STATE RELAY

**Space Unit**

9 Customer Available Spaces Height=12 in

2      1      **Medium Voltage Motor Control Center, Limitamp**

**Marks: MCC W/ SEL**

2 Section(s), NEMA 1 Vented

1200 A, 3 Phase 3 Wire, 4160 V ac, 60 Hz  
 50 kA Short Circuit Available; 50 kA Bus Bracing  
 3300 ft Altitude  
 UL/CUL Labeled  
 Dimensions and Weight (Estimated)  
 Section 1: Height=90 in; Width=22 in; Depth=30 in; Weight=1300 lb  
 Section 2: Height=90 in; Width=36 in; Depth=30 in; Weight=2000 lb  
 Lineup: Height=90 in; Width=58 in; Depth=30 in; Weight=3300 lb  
 Ships in 1 Piece(s)  
 Assembled in USA  
 2 NEMA 1 Vented Enclosure(s)  
 ANSI 61 Light Gray Paint  
 2 1200 A Tin Plated Copper Main Bus  
 2 5 kV Insulated Main Bus  
 2 Boots on Main Bus Splice Between Sections  
**Lineup Options**  
 3 Potential Bus  
 3 ac Control Bus  
 3 Test Power Bus  
 3 #14 gauge Control Wire  
 3 #14 gauge Current Transformer Secondary Wire  
 3 SIS Control Wire Type  
 3 Control Wire Markers Destination  
 3 Heat Shrink Control Wire Markers  
 3 Non PVC Insulated Spade Control Wiring Termination  
 3 Control Terminal Boards, Stationary Type, GE CR151B, 13 point-block, total 39 points.  
 3 Spare Control Terminal Boards, Stationary Type, GE CR151B, 13 point-block.  
 3 Non Insulated Ring on Low Voltage Cable Termination  
 3 Door Mounted Elementary Wiring Diagrams provided  
 1 Certified Test Reports  
 3 1000 A Tin Plated Copper Ground Bus  
 3 115 V ac 1 Phase 2 Wire Space Heater Bus  
 115 AC Space Heater  
 3 Compartment Space Heaters  
 3 Space Heater Cover  
 3 Breaker Heater Protection  
 3 Standard Heater Thermostat  
 3 Thermoplastic SS Screw Mounted Unit Nameplate(s)  
 3 Thermoplastic Adhesive Mounted Device Nameplate(s)  
**Incoming Main Unit**  
**1 Incoming Line Cable Compartment**  
 22 in wide section  
 Incoming Main Power Cable Bottom Entrance  
 2-500 kcmil Power Cable(s) Per Phase  
 6 Line Lugs by others  
 500 kcmil Incoming Ground Cable  
 2 Line Ground Lugs by others  
 1 VT #1: Set of 2-Single Phase Stationary Potential Transformers with Drawout  
 Secondary Fuse Protection at 120 V ac Secondary Voltage  
**Two High Starter(s) (Top/Bottom)**  
**Top Starter Unit**  
**1 Top Unit(s): Full Voltage Non Reversing Type CR194A118 Drawout**  
 36 in wide section  
 500 HP Induction Type Load  
 1800 RPM  
 66 A Estimated Full Load Current



396 A Estimated Locked Rotor Current  
 1.15 Service Factor  
 1 50:5 A Ground Fault Current Transformer  
 3 Donut Type Current Transformers  
 1 EJ2 Bolted Power Fuses, Set of 3  
 2 Normal Open Auxiliary Interlock(s)  
 2 Normal Closed Auxiliary Interlock(s)  
 1 Indicating Lights, A3 FV PTT LED: Red  
 1 Indicating Lights, A3 FV PTT LED: Green  
 1 Indicating Lights, A3 FV PTT LED: Amber  
 1 Selector Switches, A3 SHORT HANDLE: Hand - Off - Auto  
 1 Selector Switches, A3 SHORT HANDLE: On Off  
 1 Key Interlock Handle (Cylinder Type Door Lock)  
 1 NF Series Control Relay(s), 120 AC, 3 Normally Open, 1 Normally Closed  
 Load Power Cable Exits at Bottom  
 1-4/0 Load Power Cable(s) Per Phase  
 3 Load Lug Style, Crimp, Copper for Copper Cable  
 2 gauge Ground Cable  
 1 Load Ground Lug Style, Crimp, Copper for Copper Cable  
 1 Viewing Window for Isolation Switch

**Starter Manual Entry Options**

1 Motor Heater Aux Contact  
 2 PT Secondary Fuse  
 1 PT Fuse Block, 2-pole drawout  
 1 SEL 710-5 Motor Protection Relay cat.# 071050E1A1A6X7586A691

**Bottom Starter Unit**

**1 Bottom Unit(s): Full Voltage Non Reversing Type CR194A118 Drawout**

900 HP Induction Type Load  
 1800 RPM  
 119 A Estimated Full Load Current  
 714 A Estimated Locked Rotor Current  
 1.15 Service Factor

1 50:5 A Ground Fault Current Transformer  
 3 Donut Type Current Transformers  
 1 EJ2 Bolted Power Fuses, Set of 3  
 2 Normal Open Auxiliary Interlock(s)  
 2 Normal Closed Auxiliary Interlock(s)  
 1 Indicating Lights, A3 FV PTT LED: Red  
 1 Indicating Lights, A3 FV PTT LED: Green  
 1 Indicating Lights, A3 FV PTT LED: Amber  
 1 Selector Switches, A3 SHORT HANDLE: Hand - Off - Auto  
 1 Selector Switches, A3 SHORT HANDLE: On Off  
 1 Key Interlock Handle (Cylinder Type Door Lock)  
 1 NF Series Control Relay(s), 120 AC, 3 Normally Open, 1 Normally Closed  
 Load Power Cable Exits at Bottom  
 1-4/0 Load Power Cable(s) Per Phase  
 3 Load Lug Style, Crimp, Copper for Copper Cable  
 2 gauge Ground Cable  
 1 Load Ground Lug Style, Crimp, Copper for Copper Cable  
 1 Viewing Window for Isolation Switch

**Bottom Starter Manual Entry Options**

1 Motor Heater Aux Contact  
 2 PT Secondary Fuse  
 1 PT Fuse Block, 2-pole drawout  
 1 SEL 710-5 Motor Protection Relay cat.# 071050E1A1A6X7586A691

**3                      1                      Lighting Panelboard, ReliaGear RQ**

**Marks: 208V PANEL**

		1 Section(s), Nema 1 Enclosure 250 Amps, 3 Phase 4 Wire 208Y/120V, 50/60 Hz Minimum Interrupt Rating: 10kA Fully Rated Incoming Feed: Bottom Surface Mounted 18 Circuits UL67 / CSA C22.2 No. 29 Certified cULus Certified Height: 55.5 Inches; Width: 20 Inches; Depth: 5.75 Inches 1 225 Amps Main Breaker XT4N250 1 Ekip Dip LSI 1 Pad Lock 1-lug/phase 1-cable/lug #4 -300 kcmil <b>Main Option Details</b> 1 Tin Plated Copper Bus 1000A PSI 2 Ground-Cu box bonded TGC2 1 Ground main lug TGL20 1 100% Rated Neutral 1 NEMA 1 Enclosure <b>Feeders</b> 1 Breaker Device 20 Amps 2 Poles THQB 16 Breaker Device 20 Amps 1 Poles THQB <b>Modifications</b> 1 Front Hinged To Box 1 Metal Directory Card Hldr 1 Nameplates 1 ME, 65kA/mode,130kA/phase (TPME120Y06AS) 1 Interior: AQF3182JBX AXT6B6 1 Box: AB55B 1 Front: AF55SDNM
4	1	<b>Transformer, Aluminum, 9T10A1002</b> <b>Marks: 30KVA TRANSFORMER</b> 1 3 Phase, 60 Hz, 30 kVA Ambient Temperature : 40°C Coil Material : Aluminum Primary Voltage : 480, Primary Connection : Delta Secondary Voltage : 208Y/120, Secondary Connection : Wye Temperature Rise : 150 Energy Efficiency : DOE 2016 (Std) Enclosure : NEMA 1/NEMA 2 Taps(Nominal) : 2 above 4 below 2.5% Impedance : 4.6% K Factor : K1 Sound Level : Std(45dB) UL : Yes, cUL : No, CE : No, Made in USA : No <b>Accessories :</b> 1 9T18Y1071G11 Ground Bar Kit included 1 9T18Y1072G10 Lug Kit included <b>Factory Individualized Transformer Test Reports :</b> NEMA ST-20 Sound Level Test Report - Not Required 1 IEEE std C57.12.91 Electrical Test Performance Report
5	1	<b>Lighting Panelboard, ReliaGear RE</b> 1 Section(s), Nema 1 Enclosure 225 Amps, 2 Wire 125V DC, 50/60 Hz Minimum Interrupt Rating: 10kA Fully Rated Incoming Feed: Bottom Surface Mounted

18 Circuits  
UL67 / CSA C22.2 No. 29 Certified  
cULus Certified  
Height: 31.5 Inches; Width: 20 Inches; Depth: 5.75 Inches  
1 225 Amps Main Lugs  
1-lug/phase 1-cable/lug #6 -350 kcmil

**Main Option Details**

1 Tin Plated Copper Bus 1000A PSI  
2 Ground-Cu box bonded TGC2  
1 Ground main lug TGL20  
1 NEMA 1 Enclosure

**Feeders**

1 Breaker Device 30 Amps 2 Poles TEYL  
2 Breaker Device 15 Amps 2 Poles TEYL  
1 Breaker Device 40 Amps 2 Poles TEYL  
1 Breaker Device 70 Amps 2 Poles TEYL  
6 Breaker Space Device 20 Amps 1 Poles TEY  
1 Breaker Device 50 Amps 2 Poles TEYL

**Modifications**

1 Front Hinged To Box  
1 Metal Directory Card Hldr  
1 Nameplates  
1 Corbin Latch Bolt 15767  
1 Interior: ASF1182MBX AXB6  
1 Box: AB31B  
1 Front: AF31SDLNM

**NOTE:**

Please see Attachment B for preliminary drawings and notes/comments.

- A. Provide (1)-one ABB field resource to provide technical advisement during the installation of the equipment in Item 1 of this proposal. **Buyer is to provide a supervisor, craft labor, and tools necessary to perform installation.**
  - B. Field Services Report in .pdf format with work summary, discrepancies found, and recommended actions is included.
  - C. **Work is to be performed on a maximum on (25)-twenty five, (10)-ten hour ABB non-holiday weekdays in (4)-four mobilizations. If additional time is needed, a change order will be issued.**
1. Commissioning
- A. Provide (1)-one ABB field resource to perform the following commissioning procedures on equipment in item #1 **after installation is complete.**
    - Visual inspection for signs of damage or missing components.
    - Insulation resistance test (Megger) of main bus, phase-to-phase and phase-to-ground.
    - Verify protective devices and starting contactors open and close freely by operating breakers and / or fuse disconnects manually and physically depressing the motor starting contactors.
    - Setting of circuit breaker instantaneous trip level to setting provided by buyer. Note: if no settings are provided by customer, trip level will be set to mid-range.
    - Check lugs and bus splices for tightness. Check control wiring for tightness.
    - Operate magnetic device hand to verify that all moving parts operate freely.
    - Manually operate branch-circuit disconnects and verify proper operation of disconnects and door interlocks.
    - Where applicable, manually trip circuit breakers to verify that operating handles move freely to the TRIP-indicating position. With the door closed and latched, reset tripped circuit breakers, open, and close breakers to confirm proper operation.
    - Check ground bus connections for proper tightness.

- Starter module will be checked for proper insulation resistance using a megohmmeter.
  - **Provide a Field Services Report in .pdf format containing the test data sheets from the equipment check-out and verifying the equipment is ready for service.**
- B. Work is to be performed on (12)-twelve, (10)-ten hour ABB non-holiday weekdays in (1)-one mobilization. Standby time of five (5), ten (10) hour ABB non-holiday weekdays in (1)-one mobilization for startup.**
2. Red line drawings
- A. Provide (1)-one ABB field resource to red line buyer provided drawings to reflect installation and modifications made after installation of equipment in line item #1.**
- B. Work is to be performed during straight time hours on ABB non-holiday weekdays.**

#### Clarifications/Exceptions:

- See **Buyer's Responsibilities** below.
- See **Assumptions and Clarifications** below.
- **Approval drawings are required for equipment to be supplied in this proposal.**
- **Bonds are not included in this proposal. If needed, a change order will be issued for the additional costs.**
- **Civil work and/or concrete pads are not included in this proposal.**
- **Cables and conduit are not included in this proposal. It is assumed that existing cables and conduits will be re-used for new MCC termination, otherwise a change order will be issued for buyer approval for extra costs.**
- **All equipment being serviced is to be deenergized before performing work.**
- **Primary interface, coordination, compliance with regulations, permits and payment of fees are the responsibility of buyer.**
- **Buyer is to provide settings for all devices (relays, meters, trip units, etc).**
- **Buyer will provide and maintain storage and material handling facilities as required, and security for equipment, tools, and instruments stored at the job site.**
- **Buyer is to provide office space and sanitary facilities for ABB Employees as needed.**
- **Buyer is to dispose of all existing equipment and wastes generated at the work site. JEA will be responsible for environmental conditions and will keep the equipment free of contaminants that would be detrimental to the performance of the equipment.**
- **Emergency services are not included in this proposal.**
- **Working hours are defined as follows:**
  - Straight time shall consist of eight (8) hour workdays, Monday through Friday, 8 AM to 5 PM exclusive of ABB holidays.
  - Overtime shall consist of any hours on a daily basis in excess of eight (8) hours worked or Saturdays, excluding Sunday.
  - Double time shall consist of hours worked on Sunday or ABB holidays.
- **For any delays, additional mobilizations (due to cancelled or delayed outages, or delays preventing ABB from completing planned work scope), or extra work incurred while the quoted work is being performed as a result of standby time or access to customer-provided equipment, malfunction or deficiencies encountered with equipment, other than that furnished by ABB under this work scope, a change order will be submitted for the costs relating to the additional work scope. Defective parts found while work is being performed will be documented in a follow-up change order proposal to customer which will include replacement parts price and services, as applicable.**
- **Please note that an advance notice of 2-4 weeks is required for assigning Field Engineering resources.**
- **All mobilizations are to be mutually agreed upon the buyer and ABB.**
- **Control power transformers are not included in the Limitamp.**
- **All line and load cable entries are assumed into BOTTOM unless otherwise indicated.**
- **Buyer is to add 1/8" space between sections in lineup for sealer.**
- **Buyer is to include actual motor data with order including FLC, LRC and SF. If data not available, confirm OK for ABB engineering to assume standard data.**
- **Buyer is to confirm/advise actual size and number of cables per phase for sizing all cable lugs. Include sizes for all load, incoming, and ground cables for which lugs are required.**
- **STANDARDS AND CODES: MV Limitamp Motor Control Centers conform to NEMA ICS 3, Part 1 for class E2 Controllers, UL347 and all applicable NEC standards. Limitamp AR MCC's conform to**



IEEE/ANSI C37.20.7-2007 -Type 2B standards. Exception is taken to all other codes & standards.

Note not all assemblies meet UL347. For details, see BOM for UL label.

- **STANDARDS AND CODES:** ABB designs, manufactures and tests to the above national standards. Exception is taken to all other testing standards. Conformance to any local and state codes, where such codes are different than or have additional requirements to the above national standards, is not guaranteed.
- **Proper pricing for synchronous motor controllers requires actual synchronous motor nameplate data.** This information has not been provided to the factory. The actual need for expensive options such as mechanical field contactors, power factor regulation, oversized exciters and special non-ABB/SPM monitors may not be known and are not quoted. ABB reserves the right to amend our pricing once actual motor data is received.
- **FACTORY PRODUCTION TESTS:** Standard test procedures for LV MCCs are described in DET-291 and for Limitamp MV MCCs in GET-6840. ABB's standard factory production tests are always quoted. Special testing that may be required, must be reviewed, accepted and quoted by the factory.
- **DRAWING PACKAGE:** Elevation drawings, unit summaries, nameplate data and schematic drawings only are provided for drawing approval. Record drawings will also include connection drawings. All documentation is transmitted electronically in Adobe .PDF file format.
- **SPARE PARTS:** No Spare parts are included in this proposal.
- **The DC panelboard is proposed as a Main Lug Only panel. A Main Circuit Breaker is not an option for this panel.**

#### Price, Terms and Conditions

ABB will accomplish the above-described work scope for the firm fixed price of

1. Equipment	\$ 369,771
1B Technical Advisement	\$ 78,338
<b>Total for 1. Equipment, 1B. Technical Advisement, &amp; Adder</b>	<b>\$448,109</b>

***\*The above breakdown is for accounting purposes only and does not imply that ABB will accept any individual line item at that price.***

<b>Total for 2. Commissioning /Standby Time &amp; Redlines</b>	<b>\$54,694</b>
--	-----------------

***\*The above breakdown is for accounting purposes only and does not imply that ABB will accept any individual line item at that price.***

- Price is valid for purchase order submitted by June 24, 2022.
- For orders greater than \$50,000, ABB will invoice using the following schedule:
  - Upon receipt of order 20%
  - Upon release for manufacturing 15%
  - Upon receipt of equipment by Customer 50%
  - Upon completion of workscope 10%
  - Upon receipt of report 5%
- Payment Terms: Net 30 days from the date of invoice.
- Pricing does not include any applicable taxes, permits and licensing fees.

#### Consideration on 2019-nCoV (Coronavirus Outbreak)

If after submission of ABB's bid or during the term of the agreement there are any measures taken by authorities, by ABB or others in connection with the current coronavirus (2019-nCoV) outbreak which affect the performance of the agreement, the parties agree that ABB will be entitled to cost compensation, time extension, or other reasonably required contract adjustments if any consequences in any way related to the

coronavirus outbreak lead to delays in delivery of goods or provision of services or otherwise affect ABB's contractual obligations or duties.

The sale of any service and products, and the integration thereof, ordered by the Buyer is expressly conditioned upon the terms and conditions contained in this quotation and Terms and Conditions for Sale of Products and Services Form ES 104 (Rev 4) ("Terms and Conditions") as attached hereto. Any additional or different terms and conditions proposed by the Buyer at any time are expressly objected to and will not be binding upon ABB unless specifically agreed to in writing by ABB's authorized representative. Any order for, or any statement of intent to purchase hereunder, or any direction to perform work and ABB's performance of work shall constitute assent to the Terms and Conditions. Oral agreements and/or commitments to perform services are not enforceable.

### **Additional Services**

Should the Buyer desire to have ABB perform additional services beyond the scope of services described in this proposal, a change order request will be submitted for the additional associated costs. No additional services shall proceed without written authorization from the Buyer. Additional services will be performed per our published rates for Service, applicable at the time that work is performed, including work that extends through the weekend / holiday. The current rates for Service can be found in Attachment "A".

### **Buyer's Responsibilities**

The Buyer's responsibilities shall include, but are not limited to, the following:

- Issue switching orders, schedule outages, and de-energize the electrical apparatus, including Lock-Out Tag-Out (LOTO) of all systems associated with ABB's work scope involved in the project. LOTO procedures shall meet or exceed Contractor or ABB's requirements, whichever are more stringent.
- Prior to the start of the on-site work, Buyer shall familiarize ABB personnel with their safety practices, regulations in effect at jobsite, and any chemical and physical hazards, including process safety issues associated with the work environment. ABB shall be under no obligation to commence work unless safety practices are acceptable to ABB. As a safety precaution, prior to the commencement of work, access to a nearby telephone with the ability to call outside the facility will be provided by Buyer, as well as telephone numbers for local emergency services.
- Buyer shall be responsible for the removal and replacement of any obstructions that may interfere with access to or removal of the existing equipment
- Buyer will provide an experienced electrician or electrical supervisor familiar with the power distribution system and trained in electrical safety and emergency response procedures including CPR, AED, and first aid for purposes of:
  - Directing ABB personnel in identifying and isolating the proper electrical equipment.
  - Shutting down electrical equipment in an emergency and providing emergency response during high risk operations including electrical work when a single ABB representative is dispatched. This person must be visually present during all electrical work and high risk operations. If not present then ABB will stop work and notify the Buyer.
  - Complying with OSHA 1910.269(l)(1) and 1910.269(b)
- Buyer will provide all "special" maintenance tools including; closing handles, test couplers, closing jacks, lifting devices, breaker cars/lift trucks, etc., furnished or defined by the original equipment manufacturer(s).
- Buyer shall provide one (1) copy of existing system schematics, drawings and other information regarding the equipment/site that is needed, and be responsible for the accuracy of same and verbal information concerning existing conditions and wiring.
- All communication between, including meetings, all documents, notes on drawings, and submissions required under contract, shall be in the English language. Any language translation, if required, will be the responsibility of the Buyer.
- Buyer must supply minimum power supply of 120V, 1-Phase, power source, if necessary.
- Buyer will provide/operate/maintain services for drinking water, sanitary facilities, parking, trash containers, and lighting.
- **Buyer to supply, operate, and maintain all standard services to the site facility, such as electric power, lighting, water, air, etc., if required. Backup for these systems is not included in this proposal. These services are to be made available to ABB, including a suitable source of 60Hz 120/240 volts AC, unless otherwise provided herein.**

- Buyer to provide, and be responsible for, applicable codes, standard, laws, regulatory requirements, etc. required for the development of functional specification and system design and operation.
- Buyer shall be responsible for the review of the installation to assure compliance with applicable codes. It is the intention of ABB to comply with the applicable codes, standards, laws, regulatory requirements, etc.; however, by law it is the responsibility of the Buyer for compliance of the total installation. ABB would be pleased to quote any additional features or equipment that the Buyer deems necessary to meet these requirements.

#### Assumptions and Clarifications

- Any items or services not specifically outlined herein are not included.
- ABB assumes and is relying on the fact that any information furnished by Buyer is accurate and complete. To the extent that ABB obtains actual knowledge of any conditions with the equipment and/or the conditions at site are in addition to and/or different from those indicated in the Buyer's furnished documentation / information and/or there is a previously unknown physical condition that is found with the equipment and/or at the site, ABB shall notify the Buyer. If such condition(s) exist and this causes an increase in ABB's cost of and/or the time required for the performance of any part of the work under a contract, an equitable adjustment may be made, including without limitation, to the price and/or schedule.
- With the exception of delays beyond the control of ABB, no additional work scope shall proceed without the written authorization of the Buyer.
- Should any unforeseen work delays beyond the control of ABB occur, including those as a result of malfunctions or deficiencies encountered with the equipment (unless caused by ABB) or should the Buyer desire to have ABB perform work beyond the scope of work described in this proposal, that work will be billed at the published rates in effect at the time of performance of that the work scope and will apply to all ABB project management, field engineers, field engineering service technicians and/or craftsmen.
- ABB expressly objects to any requirements, methods or conditions contained in any Buyer request that are not specifically addressed in this document, and such requirements, methods and conditions, if any, are outside the scope of this proposal.
- Schedule: Unless otherwise stated in the scope, all work will be performed on a straight time basis. All work is to be performed on a mutually agreeable schedule. The foregoing work as described under work scope shall be performed during normal working hours Monday through Friday, Holidays excepted. If work is performed on an overtime basis, the premium for the time spent and other applicable cost will be billed in addition to the price quoted and will be billed at our published rates in effect at the time work is performed. Time and expense of ABB employees' travel from their headquarters to work site and return, shall be considered as time worked. ABB requires a minimum two (2) weeks advance notice to ensure availability of resources.
- The services shall be considered "Substantially Complete" when the services to be performed by ABB or the designated portion thereof, are sufficiently complete in accordance with the contract documents, so that the Buyer can occupy or use the services or portion thereof for its/their intended use. For products only order, "substantially complete" shall mean the date of shipment of the products. A "Punchlist" is to be developed upon "Substantial Completion," and ABB's standard warranty shall provide coverage (when applicable) for issues that occur after "Substantial Completion. "Final Project Completion" shall be reached when all contractual responsibilities have been met and the final bill issued.

ABB INC.

By:	<b>Alfredo Huete</b>
Title:	ABB Sales Manager
Email:	alfredo.huete@us.abb.com
Phone:	+1 (305) 282-0970

BUYER:

Company:			
By:	(Signature)		
Title:			
Email:		Date:	

This proposal and specification are submitted in confidence solely for use in consideration of the merits of the offering and for no other direct or indirect use by Buyer and its contents are proprietary to ABB. In taking

receipt of this document, Buyer agrees not to reveal its contents except to those in its own organization who must evaluate it, to use this document and the information that it contains exclusively for the above-stated purpose and to avoid disclosure of the information to competitor of ABB.



# Attachment A:

## Electrification U.S.A. Service Rates



April 1, 2022

ABB's field service engineers and consulting experts are on call to provide a wide range of service and repairs on both ABB and non-ABB equipment and engineered systems in Industrial and Balance-Of-Plant Power Plant Systems.

### 8-Hour Daily Rates

Classification	Weekday	Saturday	Sunday Holiday
Field & Service Center			
Class I - Specialized	\$2,786	\$4,056	\$5,324
Field Engineer/Specialized Field Technician			
<b>Class II - Field Engineer/ Service Center Specialist</b>	<b>\$2,290</b>	<b>\$3,310</b>	<b>\$4,332</b>
Class III - Service Technician	\$1,794	\$2,568	\$3,340
Phone Support			\$1,500/case
Emergency Standby Retainer			\$5,000/month

### Tooling Rates

IR Camera	\$83/day, \$330/week
Vibration Test Set	\$138/day, \$550/week
Online Motor Test Set	\$275/day, \$1,100/week
Offline Motor Test Set	\$275/day, \$1,100/week
Primary Current Injection Set	\$385/day, \$1,540/week
Relay Test Set	\$550/day, \$2,200/week
Power Factor Test Set	\$550/day, \$2,200/week
Vacuum Oil Processor	\$2,750/day

### Class I - Specialized Field Engineer

These services include installation, commissioning, repair, service, maintenance, and upgrade work associated with:

- Medium voltage motors, & generators
- Paralleling Switchgear
- Synchronous motors & generators, including excitation
- Legacy control systems including: Series 5 & Series 6
- Specialty power system studies, including: Harmonic, Transient Switching & Grounding
- Shipboard and offshore work, with a minimum 14-hour / day billing. Platform work requires a pay differential.
- Gas Insulated Substation (GIS)

### Class II - Field Engineer & Service Center Specialist

Service is technical advice and counsel from field personnel based on sound engineering, manufacturing, installation, and operation practices as applicable to the equipment. Such services may include analysis, adjustment, programming, and other similar services. They do not include supervision or management of purchaser's employees, agents or other contractors and design effort.

### Class III - Service Technician

Craftsmen experienced in the inspection, test, installation, service, and repair of one or more of the following equipment types:

- Transformer (Mechanical, Electrical, Fluid)
- Motors, Electrical & Controls Equipment
- Switchgear
- Mechanical
- Hydro (Electrical, Mechanical & Controls)

### Typical Installations, Services, Repairs, and Products

- Transformer (Including Mechanical, Electrical, Fluid)
- Power Delivery Equipment
- Motors, Electrical and Controls Equipment
- Distributed Control Systems and Programmable Logic Controls
- Instrumentation Related to Process Control and Automation Systems
- Marine Electrical Systems
- Power System Studies

### Rate Terms

1. Work greater than 8 hours per day is billed per hour:	Overtime	Double Time
Class I - Specialized Field Engineer	\$475.50	\$634.00
Class II - Field Engineer/Service Center Specialist	\$382.25	\$510.00
Class III - Service Technician	\$289.50	\$386.00

For less than 24-hour response, a 1.40 multiplier is used for all rates.

Overtime applies to billable weekday hours 9-12 or outside of 7:00am to 6:00pm. Double Time applies to billable weekday hours greater than 12, Saturday hours greater than 8, Sundays and holidays.

2. Preparation, travel, and report writing time will be charged at the applicable rate (i.e., daily rates, overtime and double time) on a round trip basis with point of departure based on the location of the ABB Representative's office/service center.
3. Additional travel and living expenses include:

Overnight stay	\$200 per day
Air Travel / Rental Car charges	Cost + 20%

**Notes:** Additional T&L charges may apply for high cost of living areas.
4. Travel and living expenses outside the continental U.S.A., will be billed at a cost plus 20% minimum, or consult with your local ABB representative for a local per diem rate.
5. Materials, subcontract labor and equipment if required will be provided at cost + 35%.
6. All equipment is F.O.B. shipping point, seller's dock, with freight prepaid and charged 3% of material price (a minimum per shipment charge of \$100.00 shall apply). Seller reserves the right to select the method of transportation provided for all products unless specified by the client not less than 72 hours prior to shipment. Any premium transportation or required special handling is in addition and shall be for the account of the Buyer.
7. Consult with local ABB office to determine applicable charges for other special tooling and/or test equipment or any taxes, fees or VAT that may be in addition to the above rates. Minimum daily billing of 8 hours for all services provided including standby time. A minimum order of \$500.00 shall apply for a parts/material only order.
8. All rates are for hours worked, traveled, or on standby and are based on ABB's standard terms and conditions of sale. Price and data subject to change without notice. This quotation is not valid for PCB services, off shore or confined locations.
9. Phone Support is a service provided on the phone by a Field Engineer for limited hardware and software troubleshooting services.
10. Employee screening costs as required by the customer will be provided as follows:

Custom drug screen or background check	\$100
TWIC Card	\$250
BOISSET + HUET	\$1,500

All travel time to complete the screenings will be billed at the applicable hourly rate as set forth in 1 above plus expenses. All other specialty training will be billed at cost + 20%.
11. All time to complete site specific training will be billed at the applicable hourly rate as set forth in 1 above plus expenses.
12. A Critical Power Emergency Standby Retainer provides access to a qualified ABB Field Engineer at the customer site on the same day the need is identified by the customer. All time to support the emergency service, including travel to and from the customer site, will be billed at the applicable hourly rate as set forth in 1 above, however the 1.40 multiplier applied to work with less than 24hrs notice is waived.
13. The Standard and Applicable rates shown on this sheet assume that services are being performed at a location that is not subject to a Location Premium which is an additional charge/rate that may be assessed for remote, inconvenient, confined or offshore work sites. Please contact ABB to see if a Location Premium applied to your location.

For more information contact your local ABB office or call our 24x7 customer service center at

**1-888-434-7378 or 540-387-8617** for legacy GE products

**1-800-HELP-365 (1-800-435-7365)** for legacy ABB products



# Terms and Conditions for Sale of Products and Services

## Form ES 104 (Rev. 4)

NOTICE: Sale of any Products or Services is expressly conditioned on Buyer's assent to these Terms and Conditions. Any acceptance of Seller's offer is expressly limited to acceptance of these Terms and Conditions and Seller expressly objects to any additional or different terms proposed by Buyer. No facility entry form shall modify these Terms and Conditions even if signed by Seller's representative. Any order to perform work and Seller's performance of work shall constitute Buyer's assent to these Terms and Conditions. Unless otherwise specified in the quotation, Seller's quotation shall expire 30 days from its date and may be modified or withdrawn by Seller before receipt of Buyer's conforming acceptance.

### 1. Definitions

"Buyer" means the entity to which Seller is providing Products or Services under the Contract.

"Contract" means either the contract agreement signed by both parties, or the purchase order signed by Buyer and accepted by Seller in writing, for the sale of Products or Services, together with these Terms and Conditions, Seller's final quotation, the agreed scope(s) of work, and Seller's order acknowledgement. In the event of any conflict, the Terms and Conditions shall take precedence over other documents included in the Contract.

"Contract Price" means the agreed price stated in the Contract for the sale of Products and Services, including adjustments (if any) in accordance with the Contract.

"Hazardous Materials" means any toxic or hazardous substance, hazardous material, dangerous or hazardous waste, dangerous good, radioactive material, petroleum or petroleum-derived products or by-products, or any other chemical, substance, material or emission, that is regulated, listed or controlled pursuant to any national, state, provincial, or local law, statute, ordinance, directive, regulation or other legal requirement of the United States ("U.S.") or the country of the Site.

"Insolvent/Bankrupt" means that a party is insolvent, makes an assignment for the benefit of its creditors, has a receiver or trustee appointed for it or any of its assets, or files or has filed against it a proceeding under any bankruptcy, insolvency dissolution or liquidation laws.

"Products" means the equipment, parts, materials, supplies, software, and other goods Seller has agreed to supply to Buyer under the Contract.

"Seller" means the entity providing Products or performing Services under the Contract.

"Services" means the services Seller has agreed to perform for Buyer under the Contract.

"Site" means the premises where Products are used or Services are performed, not including Seller's premises from which it performs Services.

"Terms and Conditions" means these "Terms and Conditions for Sale of Products and Services", including any relevant addenda pursuant to Article 18, together with any modifications or additional provisions specifically stated in Seller's final quotation or specifically agreed upon by Seller in writing.

### 2. Payment

2.1 Buyer shall pay Seller for the Products and Services by paying all invoiced amounts in U.S. dollars, without set-off for any payment from Seller not due under this Contract, within thirty (30) days from the invoice date. If the Contract Price is less than U.S. Two Hundred Fifty Thousand Dollars (\$250,000), Seller shall issue invoices upon shipment of Products and as Services are performed. If the Contract Price is U.S. Two Hundred Fifty Thousand Dollars (\$250,000) or more, progress payments shall be invoiced starting with twenty-five percent (25%) of the Contract Price for Products and Services upon the earlier of Contract signature or issuance of Seller's order acknowledgement and continuing such that ninety percent (90%) of the Contract Price for Products is received before the earliest scheduled Product shipment and Services are invoiced as performed ("Progress Payments"). For each calendar month, or fraction thereof, that payment is late, Buyer shall pay a late payment charge computed at the rate of 1.5% per month on the overdue balance, or the maximum rate permitted by law, whichever is less.

2.2 As and if requested by Seller, Buyer shall at its expense establish and keep in force payment security in the form of an irrevocable, unconditional, sight letter of credit or bank guarantee allowing for pro-rata payments as Products are shipped and Services are performed, plus payment of cancellation and termination charges, and all other amounts due from Buyer under the Contract ("Payment Security"). The Payment Security shall be (a) in a form, and issued or confirmed by a bank acceptable to Seller, (b) payable at the counters of such acceptable bank or negotiating bank, (c) opened at least sixty (60) days prior to both the earliest scheduled shipment of Products and commencement of Services, and (d) remain in effect until the latest of ninety (90) days after the last scheduled Product shipment, completion of all Services and Seller's receipt of the final payment required under the Contract. Buyer shall, at its expense, increase the amount(s), extend the validity period(s) and make other appropriate modifications to any Payment Security within ten (10) days of Seller's notification that such adjustment is necessary in connection with Buyer's obligations under the Contract.

2.3 Seller is not required to commence or continue its performance unless and until any required Payment Security is received, operative and in effect and all applicable Progress Payments have been received. For each day of delay in receiving Progress Payments or acceptable Payment Security, Seller shall be entitled to a matching extension of the schedule. If at any time Seller reasonably determines that Buyer's financial condition or payment history does not justify continuation of Seller's performance, Seller shall be entitled to require full or partial payment in advance or otherwise restructure payments, request additional forms of Payment Security, suspend its performance or terminate the Contract.

### Taxes and Duties

Seller shall be responsible for all corporate taxes measured by net income due to performance of or payment for work under this Contract ("Seller Taxes"). Buyer shall be responsible for all taxes, duties, fees, or other charges of any nature (including, but not limited to, consumption, gross receipts, import, property, sales, stamp, turnover, use, or value-added taxes, and all items of withholding, deficiency, penalty, addition to tax, interest, or assessment related thereto, imposed by any governmental authority on Buyer or Seller or its subcontractors) in relation to the Contract or the performance of or payment for work under the Contract other than Seller Taxes ("Buyer Taxes"). The Contract Price does not include the amount of any Buyer Taxes. If Buyer deducts or withholds Buyer Taxes, Buyer shall pay additional amounts so that Seller receives the full Contract Price without reduction for Buyer Taxes. Buyer shall provide to Seller, within one month of payment, official receipts from the applicable governmental authority for deducted or withheld taxes.

### 4. Deliveries; Title Transfer; Risk of Loss; Storage

4.1 For shipments that do not involve export, including shipments from one European Union ("EU") country to another EU country, Seller shall deliver Products to Buyer FCA Seller's facility or warehouse (Incoterms 2010). For export shipments, Seller shall deliver Products to Buyer FCA Port of Export (Incoterms 2010). Buyer shall pay all delivery costs and charges or pay Seller's standard shipping charges plus up to twenty-five (25%) percent. Partial deliveries are permitted. Seller may deliver Products in advance of the delivery schedule. Delivery times are approximate and are dependent upon prompt receipt by Seller of all information necessary to proceed with the work without interruption. If Products delivered do not correspond in quantity, type or price to those itemized in the shipping invoice or documentation, Buyer shall so notify Seller within ten (10) days after receipt.

4.2 For shipments that do not involve export, title to Products shall pass to Buyer upon delivery in accordance with Section 4.1. For export shipments from a Seller facility or warehouse outside the U.S., title shall pass to Buyer upon delivery in accordance with Section 4.1. For shipments from the U.S. to another country, title shall pass to Buyer immediately after each item

departs from the territorial land, seas and overlying airspace of the U.S. The 1982 United Nations Convention of the law of the Sea shall apply to determine the U.S. territorial seas. For all other shipments, title to Products shall pass to Buyer the earlier of (i) the port of export immediately after Products have been cleared for export or (ii) immediately after each item departs from the territorial land, seas and overlying airspace of the sending country. When Buyer arranges the export or intercommunity shipment, Buyer will provide Seller evidence of exportation or intercommunity shipment acceptable to the relevant tax and custom authorities. Notwithstanding the foregoing, Seller grants only a license, and does not pass title, for any software provided by Seller under this Contract, and title to any leased equipment remains with Seller.

4.3 Risk of loss shall pass to Buyer upon delivery pursuant to Section 4.1, except that for export shipments from the U.S., risk of loss shall transfer to Buyer upon title passage.

4.4 If any Products to be delivered under this Contract or if any Buyer equipment repaired at Seller's facilities cannot be shipped to or received by Buyer when ready due to any cause attributable to Buyer or its other contractors, Seller may ship the Products and equipment to a storage facility, including storage at the place of manufacture or repair, or to an agreed freight forwarder. If Seller places Products or equipment into storage, the following apply: (i) title and risk of loss immediately pass to Buyer, if they have not already passed, and delivery shall be deemed to have occurred; (ii) any amounts otherwise payable to Seller upon delivery or shipment shall be due; (iii) all expenses and charges incurred by Seller related to the storage shall be payable by Buyer upon submission of Seller's invoices; and (iv) when conditions permit and upon payment of all amounts due, Seller shall make Products and repaired equipment available to Buyer for delivery.

4.5 If repair Services are to be performed on Buyer's equipment at Seller's facility, Buyer shall be responsible for, and shall retain risk of loss of, such equipment at all times, except that Seller shall be responsible for damage to the equipment while at Seller's facility to the extent such damage is caused by Seller's negligence.

### 5. Warranty

5.1 Seller warrants that Products shall be delivered free from defects in material, workmanship and title and that Services shall be performed in a competent, diligent manner in accordance with any mutually agreed specifications.

5.2 The warranty for Products shall expire one (1) year from first use or eighteen (18) months from delivery, whichever occurs first, except that software is warranted for ninety (90) days from delivery. The warranty for Services shall expire one (1) year after performance of the Service, except that software-related Services are warranted for ninety (90) days.

5.3 If Products or Services do not meet the above warranties, Buyer shall promptly notify Seller in writing prior to expiration of the warranty period. Seller shall (i) at its option, repair or replace defective Products and (ii) re-perform defective Services. If despite Seller's reasonable efforts, a non-conforming Product cannot be repaired or replaced, or non-conforming Services cannot be re-performed, Seller shall refund or credit monies paid by Buyer for such non-conforming Products and Services. Warranty repair, replacement or re-performance by Seller shall not extend or renew the applicable warranty period. Buyer shall obtain Seller's agreement on the specifications of any tests it plans to conduct to determine whether a non-conformance exists.

5.4 Buyer shall bear the costs of access for Seller's remedial warranty efforts (including removal and replacement of systems, structures or other parts of Buyer's facility), de-installation, decontamination, re-installation and transportation of defective Products to Seller and back to Buyer.

5.5 The warranties and remedies are conditioned upon (a) proper storage, installation, use, operation, and maintenance of Products, (b) Buyer keeping accurate and complete records of operation and maintenance during the warranty period and providing Seller access to those records, and (c) modification or repair of Products or Services only as authorized by Seller in writing. Failure to meet any such conditions renders the warranty null and void. Seller is not responsible for normal wear and tear.

5.6 This Article 5 provides the exclusive remedies for all claims based on failure of or defect in Products or Services, regardless of when the failure or defect arises, and whether a claim, however described, is based on contract, warranty, indemnity, tort/extra-contractual liability (including negligence), strict liability or otherwise. The warranties provided in this Article 5 are exclusive and are in lieu of all other warranties, conditions and guarantees whether written, oral, implied or statutory. **NO IMPLIED OR STATUTORY WARRANTY, OR WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLIES.**

## 6. Confidentiality

6.1 Seller and Buyer (as to information disclosed, the "Disclosing Party") may each provide the other party (as to information received, the "Receiving Party") with Confidential Information in connection with this Contract. "Confidential Information" means (a) information that is designated in writing as "confidential" or "proprietary" by Disclosing Party at the time of written disclosure, and (b) information that is orally designated as "confidential" or "proprietary" by Disclosing Party at the time of oral or visual disclosure and is confirmed to be "confidential" or "proprietary" in writing within twenty (20) days after the oral or visual disclosure. In addition, prices for Products and Services shall be considered Seller's Confidential Information.

6.2 Receiving Party agrees: (i) to use the Confidential Information only in connection with the Contract and use of Products and Services, (ii) to take reasonable measures to prevent disclosure of the Confidential Information to third parties, and (iii) not to disclose the Confidential Information to a competitor of Disclosing Party. Notwithstanding these restrictions, (a) Seller may disclose Confidential Information to its affiliates and subcontractors in connection with performance of the Contract, (b) a Receiving Party may disclose Confidential Information to its auditors, (c) Buyer may disclose Confidential Information to lenders as necessary for Buyer to secure or retain financing needed to perform its obligations under the Contract, and (d) a Receiving Party may disclose Confidential Information to any other third party with the prior written permission of Disclosing Party, and in each case, only so long as the Receiving Party obtains a non-disclosure commitment from any such subcontractors, auditors, lenders or other permitted third party that prohibits disclosure of the Confidential Information and provided further that the Receiving Party remains responsible for any unauthorized use or disclosure of the Confidential Information. Receiving Party shall upon request return to Disclosing Party or destroy all copies of Confidential Information except to the extent that a specific provision of the Contract entitles Receiving Party to retain an item of Confidential Information. Seller may also retain one archive copy of Buyer's Confidential Information.

6.3 The obligations under this Article 6 shall not apply to any portion of the Confidential Information that: (i) is or becomes generally available to the public other than as a result of disclosure by Receiving Party, its representatives or its affiliates; (ii) is or becomes available to Receiving Party on a non-confidential basis from a source other than Disclosing Party when the source is not, to the best of Receiving Party's knowledge, subject to a confidentiality obligation to Disclosing Party; (iii) is independently developed by Receiving Party, its representatives or

affiliates, without reference to the Confidential Information; (iv) is required to be disclosed by law or valid legal process provided that the Receiving Party intending to make disclosure in response to such requirements or process shall promptly notify the Disclosing Party in advance of such disclosure and reasonably cooperate in attempts to maintain the confidentiality of the Confidential Information.

6.4 Each Disclosing Party warrants that it has the right to disclose the information that it discloses. Neither Buyer nor Seller shall make any public announcement about the Contract without prior written approval of the other party. As to any individual item of Confidential Information, the restrictions under this Article 6 shall expire five (5) years after the date of disclosure. Article 6 does not supersede any separate confidentiality or nondisclosure agreement signed by the parties.

## 7. Intellectual Property

7.1 Seller shall defend and indemnify Buyer against any claim by a non-affiliated third party (a "Claim") alleging that Products or Services furnished under this Contract infringe a patent in effect in the U.S., an EU member state or the country of the Site (provided there is a corresponding patent issued by the U.S. or an EU member state), or any copyright or trademark registered in the country of the Site, provided that Buyer (a) promptly notifies Seller in writing of the Claim, (b) makes no admission of liability and does not take any position adverse to Seller, (c) gives Seller sole authority to control defense and settlement of the Claim, and (d) provides Seller with full disclosure and reasonable assistance as required to defend the Claim.

7.2 Section 7.1 shall not apply and Seller shall have no obligation or liability with respect to any Claim based upon (a) Products or Services that have been modified, or revised, (b) the combination of any Products or Services with other products or services when such combination is a basis of the alleged infringement, (c) failure of Buyer to implement any update provided by Seller that would have prevented the Claim, (d) unauthorized use of Products or Services, or (e) Products or Services made or performed to Buyer's specifications.

7.3 Should any Product or Service, or any portion thereof, become the subject of a Claim, Seller may at its option (a) procure for Buyer the right to continue using the Product or Service, or applicable portion thereof, (b) modify or replace it in whole or in part to make it non-infringing, or (c) failing (a) or (b), take back infringing Products or Services and refund the price received by Seller attributable to the infringing Products or Services.

7.4 Article 7 states Seller's exclusive liability for intellectual property infringement by Products and Services.

7.5 Each party shall retain ownership of all Confidential Information and intellectual property it had prior to the Contract. All new intellectual property conceived or created by Seller in the performance of this Contract, whether alone or with any contribution from Buyer, shall be owned exclusively by Seller. Buyer agrees to deliver assignment documentation as necessary to achieve that result.

## 8. Indemnity

Each of Buyer and Seller (as an "Indemnifying Party") shall indemnify the other party (as an "Indemnified Party") from and against claims brought by a third party, on account of personal injury or damage to the third party's tangible property, to the extent caused by the negligence of the Indemnifying Party in connection with this Contract. In the event the injury or damage is caused by joint or concurrent negligence of Buyer and Seller, the loss or expense shall be borne by each party in proportion to its degree of negligence. For purposes of Seller's indemnity obligation, no part of the Products or Site is considered third party property.

## 9. Insurance

During the term of the Contract, Seller shall maintain for its protection the following insurance coverage: (i) Worker's Compensation, Employer's Liability and other statutory insurance required by law with respect to work related injuries or disease of employees of Seller in such form(s) and amount(s) as required by applicable laws; (ii) Automobile Liability insurance with a combined single limit of \$2,500,000.00; and (iii) Commercial General Liability or Public Liability insurance for bodily injury and property damage with a combined single limit of \$2,500,000.00. If required in the Contract, Seller shall provide a certificate of insurance reflecting such coverage.

## 10. Excusable Events

Seller shall not be liable or considered in breach of its obligations under this Contract to the extent that Seller's performance is delayed or prevented, directly or indirectly, by any cause

beyond its reasonable control, or by armed conflict, acts or threats of terrorism, epidemics, strikes or other labor disturbances, or acts or omissions of any governmental authority or of the Buyer or Buyer's contractors or suppliers. If an excusable event occurs, the schedule for Seller's performance shall be extended by the amount of time lost by reason of the event plus such additional time as may be needed to overcome the effect of the event. If acts or omissions of the Buyer or its contractors or suppliers cause the delay, Seller shall also be entitled to an equitable price adjustment.

## 11. Termination and Suspension

11.1 Buyer may terminate the Contract (or the portion affected) for cause if Seller (i) becomes Insolvent/Bankrupt, or (ii) commits a material breach of the Contract which does not otherwise have a specified contractual remedy, provided that: (a) Buyer shall first provide Seller with detailed written notice of the breach and of Buyer's intention to terminate the Contract, and (b) Seller shall have failed, within 30 days after receipt of the notice, to commence and diligently pursue cure of the breach.

11.2 If Buyer terminates the Contract pursuant to Section 11.1, (i) Seller shall reimburse Buyer the difference between that portion of the Contract Price allocable to the terminated scope and the actual amounts reasonably incurred by Buyer to complete that scope, and (ii) Buyer shall pay to Seller (a) the portion of the Contract Price allocable to Products completed, (b) lease fees incurred, and (c) amounts for Services performed before the effective date of termination. The amount due for Services shall be determined in accordance with the milestone schedule (for completed milestones) and rates set forth in the Contract (for work toward milestones not yet achieved and where there is no milestone schedule), as applicable or, where there are no milestones and/or rates in the Contract, at Seller's then-current standard time and material rates.

11.3 Seller may suspend or terminate the Contract (or any affected portion thereof) immediately for cause if Buyer (i) becomes Insolvent/Bankrupt, or (ii) materially breaches the Contract, including, but not limited to, failure or delay in Buyer providing Payment Security, making any payment when due, or fulfilling any payment conditions.

11.4 If the Contract (or any portion thereof) is terminated for any reason other than Seller's default under Section 11.1, Buyer shall pay Seller for all Products completed, lease fees incurred and Services performed before the effective date of termination, plus expenses reasonably incurred by Seller in connection with the termination. The amount due for Services shall be determined in accordance with the milestone schedule (for completed milestones) and rates set forth in the Contract (for work toward milestones not yet achieved and where there is no milestone schedule), as applicable or, where there are no milestones and/or rates in the Contract, at Seller's then-current standard time and material rates. In addition, Buyer shall pay Seller a cancellation charge equal to 80% of the Contract Price applicable to uncompleted made-to-order Products and 15% of the Contract Price applicable to all other uncompleted Products.

11.5 Either Buyer or Seller may terminate the Contract (or the portion affected) upon twenty (20) days advance notice if there is an excusable event (as described in Article 10) lasting longer than one hundred and twenty (120) days. In such case, Buyer shall pay to Seller amounts payable under Section 11.4, excluding the cancellation charge for uncompleted Products.

11.6 Buyer shall pay all reasonable expenses incurred by Seller in connection with a suspension, including, but not limited to, expenses for repossession, fee collection, demobilization/remobilization, and costs of storage during suspension. The schedule for Seller's obligations shall be extended for a period of time reasonably necessary to overcome the effects of any suspension.

## 12. Compliance with Laws, Codes and Standards

12.1 Seller shall comply with laws applicable to the manufacture of Products and its performance of Services. Buyer shall comply with laws applicable to the application, operation, use and disposal of the Products and Services.

12.2 Seller's obligations are conditioned upon Buyer's compliance with all U.S. and other applicable trade control laws and regulations. Buyer shall not trans-ship, re-export, divert or direct Products other than in and to the ultimate country of destination declared by Buyer and specified as the country of ultimate destination on Seller's invoice.

12.3 Notwithstanding any other provision, Buyer shall timely obtain, effectuate and maintain in force any required permit, license, exemption, filing, registration and other authorization, including, but not limited to, building and environmental permits, import licenses, environmental impact assessments, and foreign exchange authorizations, required for the lawful performance of Services at the Site or fulfillment of Buyer's obligations, except that Seller shall obtain any license or registration necessary for Seller to generally conduct business and visas or work permits, if any, necessary for Seller's personnel. Buyer shall provide reasonable assistance to Seller in obtaining such visas and work permits.

## 13. Environmental, Health and Safety Matters

13.1 Buyer shall maintain safe working conditions at the Site, including, without limitation, implementing appropriate procedures regarding Hazardous Materials, confined space entry, and energization and de-energization of power systems (electrical, mechanical and hydraulic) using safe and effective lock-out/tag-out ("LOTO") procedures including physical LOTO or a mutually agreed upon alternative method.

13.2 Buyer shall timely advise Seller in writing of all applicable Site-specific health, safety, security and environmental requirements and procedures. Without limiting Buyer's responsibilities under Article 13, Seller has the right but not the obligation to, from time to time, review and inspect applicable health, safety, security and environmental documentation, procedures and conditions at the Site.

13.3 If, in Seller's reasonable opinion, the health, safety, or security of personnel or the Site is, or is apt to be, imperiled by security risks, terrorist acts or threats, the presence of or threat of exposure to Hazardous Materials, or unsafe working conditions, Seller may, in addition to other rights or remedies available to it, evacuate some or all of its personnel from Site, suspend performance of all or any part of the Contract, and/or remotely perform or supervise work. Any such occurrence shall be considered an excusable event. Buyer shall reasonably assist in any such evacuation.

13.4 Operation of Buyer's equipment is the responsibility of Buyer. Buyer shall not require or permit Seller's personnel to operate Buyer's equipment at Site.

13.5 Buyer will make its Site medical facilities and resources available to Seller personnel who need medical attention.

13.6 Seller has no responsibility or liability for the pre-existing condition of Buyer's equipment or the Site. Prior to Seller starting any work at Site, Buyer will provide documentation that identifies the presence and condition of any Hazardous Materials existing in or about Buyer's equipment or the Site that Seller may encounter while performing under this Contract. Buyer shall disclose to Seller industrial hygiene and environmental monitoring data regarding conditions that may affect Seller's work or personnel at the Site. Buyer shall keep Seller informed of changes in any such conditions.

13.7 Seller shall notify Buyer if Seller becomes aware of: (i) conditions at the Site differing materially from those disclosed by Buyer, or (ii) previously unknown physical conditions at Site differing materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract. If any such conditions cause an increase in Seller's cost of, or the time required for, performance of any part of the work under the Contract, an equitable adjustment in price and schedule shall be made.

13.8 If Seller encounters Hazardous Materials in Buyer's equipment or at the Site that require special handling or disposal, Seller is not obligated to continue work affected by the hazardous conditions. In such an event, Buyer shall eliminate the hazardous conditions in accordance with applicable laws and regulations so that Seller's work under the Contract may safely proceed, and Seller shall be entitled to an equitable adjustment of the price and schedule to compensate for any increase in Seller's cost of, or time required for, performance of any part of the work. Buyer shall properly store, transport and dispose of all Hazardous Materials introduced, produced or generated in the course of Seller's work at the Site.

13.9 Buyer shall indemnify Seller for any and all claims, damages, losses, and expenses arising out of or relating to any Hazardous Materials which are or were (i) present in or about Buyer's equipment or the Site prior to the commencement of Seller's work, (ii) improperly handled or disposed of by Buyer or Buyer's employees, agents, contractors or subcontractors, or (iii) brought, generated, produced or released on Site by parties other than Seller.

#### 14. Changes

14.1 Each party may at any time propose changes in the schedule or scope of Products or Services. Seller is not obligated to proceed with any change until both parties agree upon such change in writing. The written change documentation will describe the changes in scope and schedule, and the resulting changes in price and other provisions, as agreed.

14.2 The scope, Contract Price, schedule, and other provisions will be equitably adjusted to reflect additional costs or obligations incurred by Seller resulting from a change, after Seller's proposal date, in Buyer's Site-specific requirements or procedures, or in industry specifications, codes, standards, applicable laws or regulations. However, no adjustment will be made on account of a general change in Seller's manufacturing or repair facilities resulting from a change in laws or regulations applicable to such facilities. Unless otherwise agreed by the parties, pricing for additional work arising from such changes shall be at Seller's time and material rates.

14.3 It shall be acceptable and not considered a change if Seller delivers a Product that bears a different, superseding or new part or version number compared to the part or version number listed in the Contract.

#### 15. Limitations of Liability

15.1 The total liability of Seller for all claims of any kind arising from or related to the formation, performance or breach of this Contract, or any Products or Services, shall not exceed the (i) Contract Price, or (ii) if Buyer places multiple order(s) under the Contract, the price of each particular order for all claims arising from or related to that order and ten thousand US dollars (US \$10,000) for all claims not part of any particular order.

15.2 Seller shall not be liable for loss of profit or revenues, loss of use of equipment or systems, interruption of business, cost of replacement power, cost of capital, downtime costs, increased operating costs, any special, consequential, incidental, indirect, or punitive damages, or claims of Buyer's customers for any of the foregoing types of damages.

15.3 All Seller liability shall end upon expiration of the applicable warranty period, provided that Buyer may continue to enforce a claim for which it has given notice prior to that date by commencing an action or arbitration, as applicable under this Contract, before expiration of any statute of limitations or other legal time limitation but in no event later than one year after expiration of such warranty period.

15.4 Seller shall not be liable for advice or assistance that is not required for the work scope under this Contract.

15.5 If Buyer is supplying Products or Services to a third party, or using Products or Services at a facility owned by a third party, Buyer shall either (i) indemnify and defend Seller from and against any and all claims by, and liability to, any such third party in excess of the limitations set forth in this Article 15, or (ii) require that the third party agree, for the benefit of and enforceable by Seller, to be bound by all the limitations included in this Article 15.

15.6 For purposes of this Article 15, the term "Seller" means Seller, its affiliates, subcontractors and suppliers of any tier, and their respective employees. The limitations in this Article 15 shall apply regardless of whether a claim is based in contract, warranty, indemnity, tort/extra-contractual liability (including negligence), strict liability or otherwise, and shall prevail over any conflicting terms, except to the extent that such terms further restrict Seller's liability.

#### 16. Governing Law and Dispute Resolution

16.1 This Contract shall be governed by and construed in accordance with the laws of (i) the State of New York if Buyer's place of business is in the U.S. or (ii) England if the Buyer's place of business is outside the U.S., in either case without giving effect to any choice of law rules that would cause the application of laws of any other jurisdiction (the "Governing Law"). If the Contract includes the sale of Products and the Buyer is outside the Seller's country, the United Nations Convention on Contracts for the International Sale of Goods shall apply.

16.2 All disputes arising in connection with this Contract, including any question regarding its existence or validity, shall be resolved in accordance with this Article 16. If a dispute is not resolved by negotiations, either party may, by giving written notice, refer the dispute to a meeting of appropriate higher management, to be held within twenty (20) business days after the giving of notice. If the dispute is not resolved within thirty (30) business days after the giving of notice, or such later date as may be mutually agreed, either party may commence arbitration or court proceedings, depending upon the location of the Buyer, in accordance with the following:

(a) if the Buyer's pertinent place of business is in the U.S., legal action shall be commenced in federal court with jurisdiction applicable to, or state court located in, either Cobb County, Georgia or the location of Buyer's principal place of business; or (b) if the Buyer's pertinent place of business is outside the U.S., the dispute shall be submitted to and finally resolved by arbitration under the Rules of Arbitration of the International Chamber of Commerce ("ICC"). The number of arbitrators shall be one, selected in accordance with the ICC rules, unless the amount in dispute exceeds the equivalent of U.S. \$5,000,000, in which event it shall be three. When three arbitrators are involved, each party shall appoint one arbitrator, and those two shall appoint the third within thirty (30) days, who shall be the Chairman. The seat, or legal place, of arbitration, shall be London, England. The arbitration shall be conducted in English. In reaching their decision, the arbitrators shall give full force and effect to the intent of the parties as expressed in the Contract, and if a solution is not found in the Contract, shall apply the governing

law of the Contract. The decision of the arbitrator(s) shall be final and binding upon both parties, and neither party shall seek recourse to a law court or other authority to appeal for revisions of the decision.

16.3 Notwithstanding the foregoing, each party shall have the right at any time, at its option and where legally available, to immediately commence an action or proceeding in a court of competent jurisdiction, subject to the terms of this Contract, to seek a restraining order, injunction, or similar order to enforce the confidentiality provisions set forth in Article 6 and/or the nuclear use restrictions set forth in Section 19.1, or to seek interim or conservatory measures. Monetary damages shall only be available in accordance with Section 16.2.

#### 17. Inspection and Factory Tests

Seller will apply its normal quality control procedures in manufacturing Products. Seller shall attempt to accommodate requests by Buyer to witness Seller's factory tests of Products, subject to appropriate access restrictions, if such witnessing can be arranged without delaying the work.

#### 18. Software, Leased Equipment, Remote Diagnostic Services, PCB Services

If Seller provides any software to Buyer, the Software License Addendum shall apply. If Seller leases any of Seller's equipment or provides related Services to Buyer, including placing Seller's equipment at Buyer's site to provide remote Services, the Lease Addendum shall apply. If Seller provides remote diagnostic services to Buyer, the Remote Diagnostic Services Addendum shall apply. If Seller provides PCB Services to Buyer, the PCB Services Addendum shall apply. If there is any conflict between these "Terms and Conditions for the Sale of Products and Services, Form ES 104" and the terms of any addendum incorporated pursuant to this Article 18, the terms of the addendum shall take precedence with respect to the applicable scope.

#### 19. General Clauses

19.1 Products and Services sold by Seller are not intended for use in connection with any nuclear facility or activity, and Buyer warrants that it shall not use or permit others to use Products or Services for such purposes, without the advance written consent of Seller. If, in breach of this, any such use occurs, Seller (and its parent, affiliates, suppliers and subcontractors) disclaims all liability for any nuclear or other damage, injury or contamination, and, in addition to any other rights of Seller, Buyer shall indemnify and hold Seller (and its parent, affiliates, suppliers and subcontractors) harmless against all such liability. Consent of Seller to any such use, if any, will be conditioned upon additional terms and conditions that Seller determines to be acceptable for protection against nuclear liability.

19.2 Seller may assign or novate its rights and obligations under the Contract, in whole or in part, to any of its affiliates or may assign any of its accounts receivable under this Contract to any party without Buyer's consent. Buyer agrees to execute any documents that may be necessary to complete Seller's assignment or novation. Seller may subcontract portions of the work, so long as Seller remains responsible for it. The delegation or assignment by Buyer of any or all of its rights or obligations under the Contract without Seller's prior written consent (which consent shall not be unreasonably withheld) shall be void.

19.3 Buyer shall notify Seller immediately upon any change in ownership of more than fifty percent (50%) of Buyer's voting rights or of any controlling interest in Buyer. If Buyer fails to do so or Seller objects to the change, Seller may (a) terminate the Contract, (b) require Buyer to provide adequate assurance of performance (including but not limited to payment), and/or (c) put in place special controls regarding Seller's Confidential Information.

19.4 If any Contract provision is found to be void or unenforceable, the remainder of the Contract shall not be affected. The parties will endeavor to replace any such void or unenforceable provision with a new provision that achieves substantially the same practical and economic effect and is valid and enforceable.

19.5 The following Articles shall survive termination or cancellation of the Contract: 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15, 16, 18, 19 and 20.

19.6 The Contract represents the entire agreement between the parties. No oral or written representation or warranty not contained in this Contract shall be binding on either party. Buyer's and Seller's rights, remedies and obligations arising from or related to Products and Services sold under this Contract are limited to the rights, remedies and obligations stated in this Contract. No modification, amendment, rescission or waiver shall be binding on either party unless agreed in writing.

19.7 Except as provided in Article 15 (Limitations of Liability) and in Section 19.1 (no nuclear use), this Contract is only for the benefit of the parties, and no third party shall have a right to enforce any provision of this Contract, whether under the English Contracts (Rights of Third Parties) Act of 1999 or otherwise.

19.8 This Contract may be signed in multiple counterparts that together shall constitute one agreement.

#### 20. US Government Contracts

20.1 This Article 20 applies only if the Contract is for the direct or indirect sale to any agency of the U.S. government and/or is funded in whole or in part by any agency of the U.S. government.

20.2 Buyer agrees that all Products and Services provided by Seller meet the definition of "commercial-off-the-shelf" ("COTS") or "commercial item" as those terms are defined in Federal Acquisition Regulation ("FAR") 2.101. To the extent the Buy American Act, Trade Agreements Act, or other domestic preference requirements are applicable to this Contract, the country of origin of Products is unknown unless otherwise specifically stated by Seller in this Contract. Buyer agrees any Services offered by Seller are exempt from the Service Contract Act of 1965 (FAR 52.212-41). Buyer represents and agrees that this Contract is not funded in whole or in part by American Recovery Reinvestment Act funds unless otherwise specifically stated in the Contract. The version of any applicable FAR clause listed in this Article 20 shall be the one in effect on the effective date of this Contract.

20.3 If Buyer is an agency of the U.S. Government, then as permitted by FAR 12.302, Buyer agrees that all paragraphs of FAR 52.212-4 (except those listed in 12.302(b)) are replaced with these Terms and Conditions. Buyer further agrees the subparagraphs of FAR 52.212-5 apply only to the extent applicable for sale of COTS and/or commercial items and as appropriate for the Contract Price.

20.4 If Buyer is procuring the Products or Services as a contractor, or subcontractor at any tier, on behalf of any agency of the U.S. Government, then Buyer agrees that FAR 52.212-5(e) or 52.244-6 (whichever is applicable) applies only to the extent applicable for sale of COTS and/or commercial items and as appropriate for the Contract Price.





## Formal Bid and Award System

Award #8 June 30, 2022

**Type of Award Request:** INVITATION FOR BID (IFB)  
**Request #:** 520  
**Requestor Name:** Rager, Greg D. - Manager Technology Project Mgmt.  
**Requestor Phone:** (904) 665-8136  
**Project Title:** Purchase and Installation of Bartram Substation Communication Tower Foundation  
**Project Number:** 8007310  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$500,000.00

**Scope of Work:**

The purpose of this Solicitation is to evaluate and select a vendor that can provide material, labor, equipment and supervision to install three (3) 120" Ø x 57'-0" deep drilled concrete foundation (shaft) as designed by Sabre Towers. The site is located at 4503 Race Track Rd, Jacksonville, FL 32259. No permits for this work shall be required as this is in Duval County. The Foundation is needed to support communications in Duval and St. Johns County. This will ensure better communications to the satellite W/WW lift stations in the area. The new Tower will also position JEA to provide tower lease options to third party telecom providers.

**JEA IFB/RFP/State/City/GSA#:** #1410753646  
**Purchasing Agent:** Dambrose, Nick  
**Is this a ratification?:** NO

**RECOMMENDED AWARDEE(S):**

Name	Contact Name	Email	Address	Phone	Amount
M GAY CONSTRUCTORS, INC.	Danielle Wylde	<a href="mailto:mgcdanielle@gmail.com">mgcdanielle@gmail.com</a>	PO Box 26249 Jacksonville, FL 32226	904.714.4001	\$469,300.00

**Amount for entire term of Contract/PO:** \$469,300.00  
**Award Amount for remainder of this FY:** \$469,300.00  
**Length of Contract/PO Term:** Project Completion  
**Begin Date (mm/dd/yyyy):** 07/01/2022  
**End Date (mm/dd/yyyy):** Project Completion (Install complete by 9/30/2022)  
**JSEB Requirement:** N/A – Optional

**Bidders:**

Bidder	Amount	Rank	Disqualified?
M GAY CONSTRUCTORS, INC.	\$469,300.00	1	No
RELIABLE CONSTRUCTORS, INC.	\$553,450.00	2	No
R. W. HARRIS, INC.	\$485,000.00	N/A	Yes

**Background/Recommendations:**

Advertised on 06/03/2022. Two (2) vendors attended the optional Pre-Bid Meeting on 06/10/2022. At Bid Due Date on 06/23/2022, JEA received three (3) Bids. The Bid submitted by R.W. Harris, Inc. was rejected as unresponsive because it did not contain minimum qualification references as required. After review, M Gay Constructors, Inc. is deemed to be the lowest responsive and responsible Bidder. A copy of the Bid Workbook is attached as backup.

This award is for \$469,300.00 for material, labor, equipment and supervision to install. This tower foundation shall be installed in strict accordance with the manufacturers' design without previously approved deviation. The concrete mix design shall be submitted for approval one week prior to the start of any work. Concrete break tests shall be performed at 3 days, 7 days, and 28 days and contractor shall work closely with the preferred concrete supplier to guarantee there is a batch plant within reasonable distance from the site. In addition, the contractor is also required to install, in strict accordance with the latest version of the FDOT specifications for Cross-Hole Sonic Logging (CSL) Tubes. A third-party inspector shall be provided by JEA for specification compliance.

Liquidated damages were contained in this solicitation for failure to achieve final completion on or before 22 days after Notice to Proceed and the JEA and M Gay agreed upon start date. The award amount also contains a 10% supplemental work authorization to incorporate cost or schedule changes into the contract to be used only if needed. Finally, JEA has included in the award amount \$15,000.00 for the provision of a pre-determined third-party inspector for specification compliance.

1410753646 – Request approval to award a contract to M Gay Constructors, Inc. for Purchase and Installation of Bartram Substation Tower Foundation at 4503 Race Track Rd, Jacksonville, FL 32259 in the amount of \$469,300.00, subject to the availability of lawfully appropriated funds.

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

**APPROVALS:**

*Hai X. Vu* 06/30/2022

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

*Laure A Whitmer* 6/30/22

**Budget Representative** **Date**





## Formal Bid and Award System

Award #9 June 30, 2022

**Type of Award Request:** CONTRACT AMENDMENT  
**Request #:** 6877  
**Requestor Name:** Hightower, Justin – Manager Fleet Services  
**Requestor Phone:** (904) 665-8357  
**Project Title:** JEA Heavy Duty Vehicle Procurement Acquisition  
**FY22 Project Numbers:** NA  
**FY23 Project Numbers:** TBD  
**Project Location:** JEA  
**Funds:** CAPITAL  
**Budget Estimate:** \$2,054,000.00

### Scope of Work:

The purpose of this contract amendment is to modify the original Award amounts from the February 3, 2022 Award Committee, and subsequent contract amendment from March 3, 2022 Awards Committee. The original purpose of the original Invitation to Negotiate (the "ITN") was to solicit pricing for the purchase of eleven (11) heavy duty vehicles for JEA's FY22 and FY23 requirements.

This amendment is for planned and budgeted replacement of JEA's Electric (Electric Replacement – 3 units) assets for FY23 associated with the Fleet Capital Procurement Plan that are being added to this contract to get in front of lead-times to meet delivery requirements and to buy at FY22 pricing.

**JEA IFB/RFP/State/City/GSA#:** 1410462846-22  
**Purchasing Agent:** Eddie Bayouth  
**Is this a ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Vendor Contact	Email	Address	Change Amount	Total Contract Amount
CUMBERLAND INTERNATIONAL TRUCKS OF FLORIDA, LLC	Michael O'Brien	mobrien@cltte.com	2110 S Division Avenue, Orlando, FL 32805	\$0.00	\$810,096.17
KENWORTH OF JACKSONVILLE	Ed Costello	edcostello@kwjax.com	1121 Suemac Road, Jacksonville, FL 32254	\$0.00	\$460,888.00
ORLANDO FREIGHTLINER	Eamon Kealy	EKealy@orlandofreightliner.com	2455 S Orange Blossom Trail, Apopka, FL 32703	\$419,697.00	\$2,130,236.00

**Amount of Original Award:** \$2,626,775.17  
**Date of Original Award:** 02/03/2022  
**Contract Increase Amount:** \$419,697.00  
**New Not-To-Exceed Amount:** \$3,401,220.17



Name	Original Award	Contract Amendment	Administrative	Contract Increase	New Not to Exceed
Date	02/03/2022	03/03/2022	05/31/2022	06/30/2022	05/12/2022
CUMBERLAND INTERNATIONAL TRUCKS OF FLORIDA, LLC	\$810,096.17	\$0.00	\$0.00	\$0.00	\$810,096.17
KENWORTH OF JACKSONVILLE	\$460,888.00	\$0.00	\$0.00	\$0.00	\$460,888.00
ORLANDO FREIGHTLINER	\$1,001,043.00	\$320,548.00	\$34,200.00	\$419,697.00	\$2,130,236.00
Total	\$2,272,027.17	\$320,548.00	\$34,200.00	\$419,697.00	\$3,046,472.17

**List of Previous Change Orders/ Renewals:**

**Length of Contract/PO Term:** Project Completion (March 2023 Estimate)

**Begin Date (mm/dd/yyyy):** 02/04/2022

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

**JSEB Requirement:** N/A – No JSEBs available

**Background/Recommendations:**

Originally bid and approved by the Awards Committee on February 03, 2022 for \$2,272,027.17. Previous award is attached as backup. Award was amended and increased by \$320,548.00 on March 3, 2022 to double the amount of Group Four (4) assets, 5 Ton - 19 Cubic Yard Dump Trucks. Contract amendment is attached as backup. A manufacturer surcharge of \$3,800.00 per vehicle for the original nine (9) vehicles, (Total of \$34,200.00) was added on May 31, 2022 at the request of Orlando Freightliner in lieu of utilizing the PPI adjustment as defined in the solicitation.

JEA is requesting this contract amendment based on JEA Electric scheduled replacement of three (3) 3-Ton Cargo Reel Trucks for FY23. The basis of award for the original solicitation was to award contract to the highest ranked Respondent for each vehicle groupings included in this solicitation, and companies were encouraged to bid multiple groupings for efficiency purposes. Orlando Freightliner was deemed the lowest cost responsible and responsive respondents for the 3-Ton Cargo Reel Truck grouping that is being requested to increase as part of this award. Orlando Freightliner has agreed to honor their original pricing of \$139,899.00 for these three (3) additional 3 Ton Cargo Reel Trucks replacements for FY23.

Request approval to award an amendment for increase to the contract with Orlando Freightliner for the purchase of vehicles for JEA's FY23 heavy duty fleet capital requirements in the amount of \$419,697.00, for a total not-to-exceed amount for all contracts of \$3,046,472.17, subject to the availability of lawfully appropriated funds.

**Manager:** Justin Hightower – Manager, Fleet Services

**Director:** Brunell, Baley – Director, Facilities and Fleet Services

**VP:** McElroy, Alan. – VP Supply Chain & Operations Support

**APPROVALS:**

*Hai X. Vu*

06/30/2022

**Vice Chairman, Awards Committee**

**Date**

*Laure A Whitmer*

6/30/22

---

**Budget Representative**

**Date**



## Formal Bid and Award System

Award #3 February 3, 2022

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

### Scope of Work:

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

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

**Purchasing Agent:** Pearson, Kenny

**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

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

**Amount for entire term of Contract/PO:** \$2,272,027.17

**Award Amount for remainder of this FY:** \$918,016.86

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

**Begin Date (mm/dd/yyyy):** 02/04/2022

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

**JSEB Requirement:** N/A – No JSEBs available



**BIDDERS:**

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

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

**Background/Recommendations:**

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

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

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

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

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



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

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

**Manager:** Hightower, Justin – Manager, Fleet Services

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

**APPROVALS:**

Stephen Dety 2/3/22

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

Laure A Whitmer 2/3/22

**Budget Representative** **Date**

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

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

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

Budget Estimate EXT	Previous Pricing	Previous Pricing EXT	Round 1 Unit Price	Round 1 Price Ext
			\$134,920.00	\$134,920.00
\$125,000.00			\$120,818.34	\$120,818.34
			<i>\$161,017.00</i>	<i>\$161,017.00</i>
			\$125,504.00	\$125,504.00
			\$135,562.00	\$135,562.00
Budget Estimate EXT	Previous Pricing	Previous Pricing EXT	Round 1 Unit Price	Round 1 Price Ext
			\$135,411.23	\$677,056.15
\$635,000.00	\$120,469.00	\$602,345.00	\$136,099.00	<i>\$680,495.00</i>
Budget Estimate EXT	Previous Pricing	Previous Pricing EXT	Round 1 Unit Price	Round 1 Price Ext
\$360,000.00	\$259,164.00	\$518,328.00	<i>\$230,444.00</i>	\$460,888.00
			<i>\$257,460.00</i>	<i>\$514,920.00</i>
Budget Estimate EXT	Previous Pricing	Previous Pricing EXT	Round 1 Unit Price	Round 1 Price Ext
			<i>\$198,434.00</i>	\$396,868.00
			\$171,966.00	<i>\$343,932.00</i>
\$334,000.00	\$158,761.00	\$317,522.00	\$160,274.00	\$320,548.00



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

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

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

Bafo Unit Price	BAFO Ext	Total Score	Price Score	Evaluated Score	BAFO Reduction in \$
\$ 689,277.83	\$ 689,277.83	92.53%	60.00%	32.53%	\$0.00
\$ 786,880.00	\$ 786,880.00	85.05%	51.50%	33.55%	\$0.00
\$ 734,215.00	\$ 734,215.00	92.15%	56.09%	36.07%	\$0.00

[illegible]

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

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

-\$78,150.00	13%
Total Savings in \$	Total Savings in % (increase is +)
\$57,440.00	-11%

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

-\$3,026.00	1%
-------------	----



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

--	--



## Formal Bid and Award System

Award #14 March 3, 2022

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

### Scope of Work:

The purpose of this contract amendment is to modify the original Award amounts from the February 3, 2022 Award Committee. The purpose of the original Invitation to Negotiate (the "ITN") was to solicit pricing for the purchase of eleven (11) heavy duty vehicles for JEA's FY22 and FY23 requirements. This purchase is for planned and budgeted replacement of JEA's Fleet Water (Water Replacement – 1 units) and Electric (Electric Replacement – 8 units) assets along with expansion units for JEA's Fleet Water (Water Expansion - 2 Units) associated with the Fleet Capital Procurement Plan.

**JEA IFB/RFP/State/City/GSA#:** 1410462846-22

**Purchasing Agent:** Pearson, Kenny

**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Original Award Amount	Change Amount	Total Contract Amount
CUMBERLAND INTERNATIONAL TRUCKS OF FLORIDA, LLC	Michael O'Brien	<a href="mailto:mobrien@cltte.com">mobrien@cltte.com</a>	2110 S Division Avenue, Orlando, FL 32805	\$810,096.17	\$0.00	\$810,096.17
KENWORTH OF JACKSONVILLE	Ed Costello	<a href="mailto:edcostello@kwjax.com">edcostello@kwjax.com</a>	1121 Suemac Road, Jacksonville, FL 32254	\$460,888.00	\$0.00	\$460,888.00
ORLANDO FREIGHTLINER	Eamon Kealy	<a href="mailto:EKealy@orlandofreightliner.com">EKealy@orlandofreightliner.com</a>	2455 S Orange Blossom Trail, Apopka, FL 32703	\$1,001,043.00	\$320,548.00	\$1,321,591.00

**Amount of Original Award:** \$2,272,027.17  
**Date of Original Award:** 02/03/2022  
**Change Order Amount:** \$320,548.00  
**Award Amount for remainder of this FY:** \$0.00  
**Length of Contract/PO Term:** Project Completion  
**Begin Date (mm/dd/yyyy):** 02/04/2022  
**End Date (mm/dd/yyyy):** Project Completion  
**JSEB Requirement:** N/A – No JSEBs available

**Background/Recommendations:**

Originally bid and approved by the Awards Committee on 02/03/2022 for \$2,272,027.17. Previous award are attached as backup.

JEA is requesting this contract amendment based on an emergent need to fulfill JEA Water Department FY23 Expansion needs. JEA Water Department is adding additional crews at the Pearl Street Service Center and these, along with other items not included in this award, are essential equipment used to complete daily tasks. This would double the amount of Group Four (4) assets, 5 Ton - 19 Cubic Yard Dump Trucks, with the new amount being purchased at a total quantity of four (4) units.

The basis of award for the original solicitation is to the contract to the highest ranked Respondent for each heavy duty vehicle groupings included in this solicitation, and companies were encouraged to bid multiple groupings for efficiency purposes. After the Best and Final Offers (BAFO) were submitted, Orlando Freightliner, was deemed the lowest cost responsible and responsive Respondents for the heavy duty vehicle groupings that is being requested to increase as part of this award.

Vehicle Grouping	Vehicles	Previous Pricing	Proposed Awardee	Original Award Price	New Award
Group 4	Truck 5 Ton Dump 19 Cubic Yard	\$317,522.00	Orlando Freightliner	\$320,548.00	\$641,096.00

Request approval to award an amendment for increase to the contract with Orlando Freightliner in the amount of \$320,548.00 for the purchase vehicles for JEA's FY22 and FY23 heavy duty fleet capital requirements, for a total not-to-exceed amount of \$2,592,575.17, subject to the availability of lawfully appropriated funds.

**Manager:** Hightower, Justin – Manager, Fleet Services

**Director:** Brunell, Baley – Director Facilities and Fleet Services

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

**APPROVALS:**




Chairman, Awards Committee

Date




Budget Representative

Date





## Formal Bid and Award System

Award #3 February 3, 2022

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

### Scope of Work:

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

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

**Purchasing Agent:** Pearson, Kenny

**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

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

**Amount for entire term of Contract/PO:** \$2,272,027.17

**Award Amount for remainder of this FY:** \$918,016.86

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

**Begin Date (mm/dd/yyyy):** 02/04/2022

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

**JSEB Requirement:** N/A – No JSEBs available



**BIDDERS:**

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

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

**Background/Recommendations:**

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

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

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

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

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

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

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

**Manager:** Hightower, Justin – Manager, Fleet Services

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

**APPROVALS:**

---

<b>Chairman, Awards Committee</b>	<b>Date</b>
-----------------------------------	-------------

---

<b>Budget Representative</b>	<b>Date</b>
------------------------------	-------------



## Formal Bid and Award System

Award #10 June 30, 2022

**Type of Award Request:** CONTRACT RENEWAL  
**Request #:** 1410284248  
**Requestor Name:** Keeler, Jessica  
**Requestor Phone:** (904) 665-6403  
**Project Title:** Pole Line Hardware Material for JEA Inventory  
**Project Number:** Various  
**Project Location:** JEA  
**Funds:** Inventory Blanket Account  
**Budget Estimate:** \$18,905,492.38

### Scope of Work:

The purpose of this contract renewal is to secure sourcing for Pole Line Hardware for JEA Inventory Stock which collectively consist of five hundred and sixty-four (564) items. Pole line hardware consists of equipment to materials to maintain, repair and replace distribution infrastructure. The scope includes but is not limited to; cables, guy wires, arrestors, insulators, brackets, mounts, bolts, clamps, clevises, connectors, fuses, guards, cutouts, grips, nuts, bolts, washers, sleeves, splices, staples, sealants, lubricants, anchors, extensions, clamps, ties, covers, deadends, enclosures, grips, hooks, corona rings, reclosers, grounds and padmount switchgears.

**JEA IFB/RFP/State/City/GSA#:** 1410284248

**Purchasing Agent:** Pearson, Kenny

**Is this a Ratification?:** No

### RECOMMENDED AWARDEES:

Name	Vendor Contact	Email	Address	Original Award Amount	Contract Increase Amount	Total Contract Amount
STUART C IRBY CO	Erich Ewoldt	<a href="mailto:ewoldt@irby.com">ewoldt@irby.com</a>	38 Skyline Drive, Lake Mary, FL 32746	\$2,068,749.50	\$3,800,070.07	\$6,075,538.47
ANIXTER	Renee Lackey	<a href="mailto:renee.lackey@anixter.com">renee.lackey@anixter.com</a>	3881 Old Winter Garden Road, Orlando, FL 32805	\$3,974,520.35	\$7,065,025.34	\$11,039,545.69
GRESKO SUPPLY INC.	Chris Therien	<a href="mailto:Christopher.Therien@gresko.com">Christopher.Therien@gresko.com</a>	6421 County Road 219, Wildwood, FL 34785	\$483,680.49	\$946,951.00	\$1,478,999.53
TRI-STATE UTILITY PRODUCT S INC.	Dave Dampier	<a href="mailto:ddampier@tup.com">ddampier@tup.com</a>	160 Garrett Dr. Havana, FL 32333	\$206,464.52	\$104,944.17	\$311,408.69

**Amount of Original Award:** \$6,733,414.86  
**Date of Original Award:** 07/15/2021  
**Contract Increase Amount:** \$11,916,990.58  
**New Not-To-Exceed Amount:** \$18,905,492.38  
**Length of Contract/PO Term:** One (1) Year w/ Two (2) – One (1) Yr. Renewals  
**Begin Date (mm/dd/yyyy):** 08/01/2021  
**End Date (mm/dd/yyyy):** 12/31/2022  
**Renewal Options:** 7 Months and One (1) – 1 Yr. Renewal  
**JSEB Requirement:** N/A – Optional  
**List of Previous Change Orders/ Renewals:**

Name	Original Award	Administrative	Current PO Encumbrance	Contract Increase Amount	New Not-to-Exceed
Date	07/15/2021	05/27/2022	06/23/2022	06/30/2022	06/30/2022
STUART C IRBY CO	\$2,068,749.50	\$206,718.90	\$2,156,436.34	\$3,800,070.07	\$6,075,538.47
ANIXTER	\$3,974,520.35	\$0.00	\$3,690,094.85	\$7,065,025.34	\$11,039,545.69
GRESKO SUPPLY INC.	\$483,680.49	\$48,368.04	\$523,360.59	\$946,951.00	\$1,478,999.53
TRI-STATE UTILITY PRODUCTS INC.	\$206,464.52	\$0.00	\$95,344.65	\$104,944.17	\$311,408.69
Total	\$6,733,414.86	\$255,086.94	\$6,465,236.43	\$11,916,990.58	\$18,905,492.38

#### **Background/Recommendation:**

Originally competitively bid and awarded July 15, 2021 to Stuart C Irby CO in the amount of \$2,068,749.50, Gresco Supply, Inc. in the amount of \$483,680.49, Anixter in the amount of \$3,974,520.35, and Tristate in the amount of \$206,464.52 for the performance of a one (1) year term, with Two (2) – 1 Yr. Renewal options. The original award has been attached as back-up.

In order to maintain continued support of critical Pole Line Hardware Material for JEA Inventory Stock throughout storm season, allow the purchase of FY23 storm materials, and an award and transition of supply outside of storm season, JEA is proposing a partial renewal and contract increase of all four (4) Pole Line Hardware Material agreements. This represents the five hundred and sixty-four (564) JEA specific items originally awarded that were deemed to be a good fit to be included in the solicitation, not including the nineteen (19) of five hundred and Eighty-Three (583) items which were not bid by any suppliers.

During the performance of the first year of the agreement, each supplier has experienced significant upwards pressure for lead-times and pricing. Per the original solicitation, JEA allowed for unit price adjustments to be made annually with adjustments corresponding to fluctuations for All Urban Consumers (CPIAUCNS), Not Seasonally Adjusted. In addition, JEA entertained cost adjustments on more frequent CPI adjustment or manufacturer direct pass through price



increase if properly documented and verified to be justifiable in nature. This provided mechanisms for both JEA and suppliers to adequately maneuver in the current market while still maintaining the overall intent of the solicitation.

To date two hundred and eighty-two (282) items of the five hundred and sixty-four (564), have had a supplier proposed manufacturer direct pass through price increase, in which some items have had numerous increases for a total of five hundred and one (501) requested adjustments. Through verification in the market of the requested adjustments, JEA has migrated sourcing to alternative suppliers where justification existed to do so. Below is a summary of the original distribution of items and the present. As manufacturers adjust pricing, the evolution of sourcing is adjusting. An itemization of the currently awarded items and amounts is attached as back up.

Name	Originally Awarded Items	Currently Contracted Quantity
STUART C IRBY CO	183	222
ANIXTER	337	376
GRESKO SUPPLY INC.	125	89
TRI-STATE UTILITY PRODUCTS INC.	61	19

Currently JEA is experiencing an extremely volatile market. When modeling the costs of the expected volumes needed as part of this renewal, JEA expects to pay approximately 11.84% or \$1,316,992.20 more than when utilizing the same volumes and the original bid pricing. Unfavorable market conditions for Aluminum, Copper, Steel, Labor, and Transportation are the areas in which JEA is most impacted.

Despite the cost increases and the task of having to regularly review proposed price increases, JEA views of the risk of the current scenario very favorable when compared to that of spot buying and no contracts for the following reasons:

- Higher costs (spot buying typically yields high pricing)
- Longer lead-times (JEA would be at the end of the line)
- Operational efficiencies in procurement (having items with fixed pricing to start and possibly remaining fixed price quotes throughout the original term)
- Limited source of supply during storm restoration events (utilities with long term contracts typically are prioritized before non-contracted utilities when it comes to access to materials in storm recovery)

Lastly, JEA has notably increased consumption projections for the remaining term and the proposed partial renewal term. In addition to our commonly used methodology for forecasting usage, the usage projections accounted for in this award takes into consideration an increased safety stock to 20%, factored order requirements due to increased lead-times, as well as the quantity needed to get our inventory positions back to the desired max inventory on hand. In addition, if an item is Class A, Class B, or a vital list item, additional safety stock was added as a result of an ongoing initiative to increase on hand materials for materials deemed a necessity.

Request approval the contract renewal and increase to award contracts for the supply of Pole Line Hardware Material for JEA Inventory Stock in the amounts of \$3,800,070.07 to Stuart C Irby CO, \$946,951.00 to Gresco Supply, Inc., \$7,065,025.34 to Anixter and \$104,944.17 to Tri-state, for a total not-to-exceed amount of \$18,905,492.38, subject to the availability of lawfully appropriated funds.

**Manager:** Keeler, Jessica – Inventory Planning Manager

**Director:** McCollum, Jenny – Director, Procurement Services

**VP:** McElroy, Alan – VP Supply Chain & Operations Support

**APPROVALS:**

APPROVALS: *Hai X. Vu* 06/30/2022

Vice Chairman, Awards Committee Date

Laure A Whitmer 6/30/22

Budget Representative	Date
-----------------------	------



## Formal Bid and Award System

Award #4

July 15, 2021

**Type of Award Request:** INVITATION TO NEGOTIATE (ITN)

**Request #:** 1410284248  
**Requestor Name:** Keeler, Jessica  
**Requestor Phone:** (904) 665-6403  
**Project Title:** Pole Line Hardware Material for JEA Inventory  
**Project Number:** Various  
**Project Location:** JEA  
**Funds:** Inventory Blanket Account  
**Projected Estimate:** \$5,393,356.37

**Scope of Work:**

The purpose of this Invitation to Negotiate is to solicit pricing for Pole Line Hardware for JEA Inventory Stock which collectively consist of five hundred and Eighty-Three (583) items. Pole line hardware consists of equipment to materials to maintain, repair and replace distribution infrastructure. The scope includes but is not limited to; cables, guy wires, arrestors, insulators, brackets, mounts, bolts, clamps, clevises, connectors, fuses, guards, cutouts, grips, nuts, bolts, washers, sleeves, splices, staples, sealants, lubricants, anchors, extensions, clamps, ties, covers, deadends, enclosures, grips, hooks, corona rings, reclosers, grounds and padmount switchgears.

**JEA IFB/RFP/State/City/GSA#:** 1410284248

**Purchasing Agent:** Pearson, Kenny

**Is this a Ratification?:** No

**RECOMMENDED AWARDEES:**

Name	Vendor Contact	Email	Address	Phone	Amount
STUART C IRBY CO	Erich Ewoldt	<a href="mailto:ewoldt@irby.com">ewoldt@irby.com</a>	38 Skyline Drive, Lake Mary, FL 32746	407-415- 6268	\$2,068,749.50
ANIXTER	Renee Lackey	<a href="mailto:renee.lackey@anixter.com">renee.lackey@anixter.com</a>	3881 Old Winter Garden Road, Orlando, FL 32805	352-408- 3898	\$3,974,520.35
GRESKO SUPPLY INC.	Chris Therien	<a href="mailto:Christopher.Therien@gresco.com">Christopher.Therien@gresco.com</a>	6421 County Road 219, Wildwood, FL 34785	352-446- 7536	\$483,680.49
TRI-STATE UTILITY PRODUCTS INC.	Dave Dampier	<a href="mailto:ddampier@tsup.com">ddampier@tsup.com</a>	160 Garrett Dr. Havana, FL 32333	850-539- 8088	\$206,464.52

**Amount for entire term of Contract/PO:** \$6,733,414.86

**Award Amount for remainder of this FY:** \$1,122,235.81

**Length of Contract/PO Term:** One (1) Year w/ Two – 1 Yr. Renewals

**Begin Date (mm/dd/yyyy):** 08/01/2021

**End Date (mm/dd/yyyy):** 07/31/2022  
**Renewal Options:** Two – 1 Yr. Renewals  
**JSEB Requirement:** N/A – Optional  
**BIDDERS:** Bid amounts adjusted to 1 year forecast vs. 5 year originally solicited.

Name	Vital & Storm	Vital & Storm 2	Low Price / Item
GRESKO SUPPLY INC.	\$2,268,465.43 BAFO \$2,394,971.47 1 <sup>st</sup> Rd	No Bid	\$1,006,094.62 BAFO \$1,105,389.27 1 <sup>st</sup> Rd
STUART C IRBY CO	\$2,363,208.02	\$1,747,597.77	\$2,815,033.73
ANIXTER	\$2,105,388.65	DQ	\$2,653,907.61
TRISTATE UTILITY PRODUCTS INC.	DQ	DQ	\$756,878.46

**Background/Recommendation:**

Advertised 03/13/2021, four (4) vendors attended the optional pre-response meeting on 03/18/2021. At Response opening on 04/06/2021, JEA received four responses (4) Responses. Each company was requested to provide a BAFO, received on 05/21/2021. JEA evaluated the companies on 100% price. All four (4) companies were deemed to be responsive and responsible Respondents for a portion of the scope of supply.

In order to leverage JEA's spend for Pole Line Hardware Material for JEA Inventory Stock, the internal team identified five hundreds and Eighty-Three (583) JEA specific items deemed to be a good fit to be included in this solicitation.

The basis for award is the Respondent that meets the Minimum Qualifications (which required the Bidder to Bid all items for the Vital & Storm and Vital & Storm 2 scopes to be considered for each of these scopes of supply and use approved manufacturers) and is the lowest priced Respondent for each of the following bid groupings based on a 100% price for the entire tab for Vital & Storm and Vital & Storm 2. JEA grouped items together that were similar and looked to find continuity in supply given many of the items are for projects and storm restoration. Where this was not as critical, JEA elected to award a third tab on individual items or low price the items on a per unit basis.

After the evaluations were complete, Stuart C Irby CO, Anixter, Tristate Supply, and Gresco Supply Inc. were determined to be the vendors that were the lowest cost Respondents to JEA for the work scopes. An itemization of the awarded items and amounts is attached as back up and listed below

- Anixter is aggregate lowest priced Respondent for the 163 items for the Vital & Storm category. Items in this category are items on or associated with poles and distribution system, which includes but is not limited to; bolts, washers, nuts, brackets, insulators arrestors, clamps and guy wires.
- Stuart Irby is aggregate lowest priced Respondent for the 68 items for the Vital & Storm 2 category. Items in this category are less volume use items on or associated with poles and distribution system, which includes but is not limited to; animal guards, cutouts, jumpers, connectors, grips, links, ties and terminators
- The lowest unit price tab also called the "Cherry Pick" tab had 352 items (19 of which were not bid by any supplier and will purchased on a spot buy basis) and was award in part to all suppliers on a low price item basis. The following is an outline of quantities to be awarded for each Company
  - Anixter - 78
  - Gresco - 117
  - Tristate Supply - 61
  - Stuart Irby - 77



Currently JEA is experiencing an extremely volatile market and has a current estimated price increase of \$1,340,058.50 or twenty (20%) on the forecast one (1) year supply of materials due to unfavorable market conditions for Aluminum, Copper, Steel and Fiberglass. JEA through negotiations with the supplier, JEA adjusted the term of the agreement to one (1) year with two (2) – 1 year optional renewals and a revised price adjustment agreement outlined below.

Unit pricing for the contract(s) will be adjusted annually with adjustments corresponding to fluctuations for All Urban Consumers (CPIAUCNS), Not Seasonally Adjusted. In addition, JEA and the Respondents are willing to entertain any cost adjustments on more frequent CPI adjustment or manufacturer direct pass through price increase if properly documented and verified to be justifiable in nature. This should provide mechanisms for both JEA and suppliers to adequately maneuver if the current market while still maintaining the overall intent of the solicitation.

JEA views of the risk of not awarding contracts for supply during this market vs. spot buying as:

- Higher costs (spot buying typically yields high pricing)
- Longer lead times (JEA would be at the end of the line)
- Operational efficiencies in procurement (having items with fixed pricing to start and possibly remaining fixed price quotes throughout the original term)
- Limited source of supply during storm restoration events (utilities with long term contracts typically are prioritized before non-contracted utilities when it comes to access to materials in storm recovery)

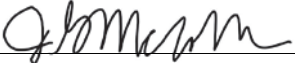
Procurement tracks two different types of savings. The total cost difference is comparing the current pricing with the proposed pricing (+/-). The total sourcing savings is determined by negotiations, BAFO savings and value added savings. Below is the breakdown:

- **Total cost increase:** \$1,340,058.50
- **BAFO Reduction:** \$64,743.06 (Gresco was only company that lowered pricing during BAFO. This amount reflects “low priced / unit” tab only)

1410284248 - Request approval to award contracts to Stuart C Irby CO in the amount of \$2,068,749.50, Gresco Supply, Inc. in the amount of \$483,680.49, Anixter in the amount of \$3,974,520.35 and Tristate in the amount of \$206,464.52 for the supply of Pole Line Hardware Material for JEA Inventory Stock, for a total not-to-exceed amount of \$6,733,414.86, subject to the availability of lawfully appropriated funds.

**Manager:** Keeler, Jessica – Inventory Planning Manager  
**Director:** McCollum, Jenny – Director, Procurement Services  
**VP:** McElroy, Alan – VP Supply Chain & Operations Support

**APPROVALS:**

 7/15/2021

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

 7/16/21

**Budget Representative** **Date**

Bid Group	Anixter BAFO	Anixter Round 1 Totals	Gresco BAFO	Gresco Round 1 Totals	Tri-State BAFO	Tri-State Round 1 Totals	Stuart Irby BAFO	Stuart Irby Round 1 Totals	Historical Comparison	Increase Amount
Email	<a href="mailto:renee.lackey@anixter.com">renee.lackey@anixter.com</a>		<a href="mailto:christopher.theiren@gresco.com">christopher.theiren@gresco.com</a>		<a href="mailto:ddampier@tsup.com">ddampier@tsup.com</a>		<a href="mailto:ewolt@irby.com">ewolt@irby.com</a>		Unit Price to	
Phone	352-408-3898				850-539-8088		407-415-6268		current forecast	
Vital & Storm (163)	\$ 2,105,388.65	\$ 2,105,388.65	\$ 2,268,465.43	\$ 2,394,971.47	Eliminated due to not bidding all items	\$ 2,594,051.46	\$ 2,363,208.02	\$ 2,363,208.02	\$ 1,754,582.01	\$ 350,806.65
Vital & Storm 2 (68)	Eliminated due to not bidding all items	\$ 1,141,716.94	Did not Bid in Round 1	Did not Bid in Round 1	Eliminated due to not bidding all items	\$ 272,242.55	\$ 1,747,597.77	\$ 1,747,597.77	\$ 1,218,630.11	\$ 528,967.66
Low UP (352)	\$ 2,653,907.61	\$ 2,653,907.61	\$ 1,006,094.62	\$ 1,105,389.27	\$ 756,878.46	\$ 756,878.46	\$ 2,815,033.73	\$ 2,815,033.73	\$ 2,420,144.25	
Low UP Awarded	\$ 1,869,131.70		\$ 483,680.49	\$ 548,423.55	\$ 206,464.52		\$ 321,151.73		\$ 2,420,144.25	\$ 460,284.19
Award Total by Company (Green)	\$ 3,974,520.35		\$ 483,680.49		\$ 206,464.52		\$ 2,068,749.50			
* 19 low unit price items no bid by all			Budget Estimate	\$ 5,393,356.37	Total Award Amount	\$ 6,733,414.86	Percentage Increase	19.9%	Net Increase	\$ 1,340,058.50
			BAFO Reduction	\$ 64,743.06	Monthly spend	\$ 561,117.91	FY 21 Spend	\$ 1,122,235.81		

**APPENDIX B**  
**RESPONSE FORM – ADDENDUM TWO FOR SOLICITATION 1410284248-21**

**JEA ITN Poleline Hardware for JEA Inventory Stock**

Upload an original Response Form and other required forms to Zycus.com

Company Name: GRESKO

Company's Address: 6421 CR 219 WILDWOOD FL 34785

License Number (if applicable): \_\_\_\_\_

Phone Number: 352.748.9550 FAX No: \_\_\_\_\_ EMAIL Address: CHRISTOPHER.THERIEN@GRESKO.COM

**BID SECURITY REQUIREMENT**

☒ **None required**

☐ Certified Check or Bond

% \$

**TERM OF CONTRACT**

☐ One Time Purchase

☒ **Term – Five (5) Years**

☐ Other, Specify: \_\_\_\_\_

**SAMPLE REQUIREMENTS**

☒ **None required**

☐ Samples required prior to Bid Opening

☐ Samples may be required subsequent to Bid Opening

**SECTION 255.05, FLORIDA STATUTES CONTRACT BOND**

☒ **None required**

☐ Bond required \$ \_\_\_\_\_ % of Bid Award

**QUANTITY REQUIREMENTS**

☐ Quantities indicated are exacting

☒ **Quantities indicated reflect the approximate quantities to be purchased throughout Contract period and are subject to fluctuation. JEA does not commit to any volume.**

**INSURANCE REQUIREMENT**

☐ None required

☒ **Insurance required**

**PAYMENT DISCOUNTS**

☐ 1% 20, net 30

☐ 2% 10, net 30

☐ Other \_\_\_\_\_

☒ **None Offered**

Quote the following materials **F.O.B. Destination: Jacksonville, FL (Either North Side Generating Station, Commonwealth Storeroom or Southside Service Center locations)**

Item No.	ENTER HEREON YOUR RESPONSE FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES	TOTAL RESPONSE PRICE
	<b>JEA ITN Poleline Hardware for JEA Inventory Stock</b>	
1.	Total Proposed Bid Price Vital and Storm Tab (Transfer from Summary Tab - Cell B3)	\$11,974,857.36
2.	Total Proposed Bid Price Vital and Storm 2 Tab (Transfer from Summary Tab - Cell B4)	\$0.00
3.	Total Proposed Bid Price Cherry Pick Tab (Transfer from Summary Tab - Cell B5)	\$5,562,841.43
4.	Total Proposed Bid Price (Transfer from Summary Tab - Cell B6)	\$17,537,698.79

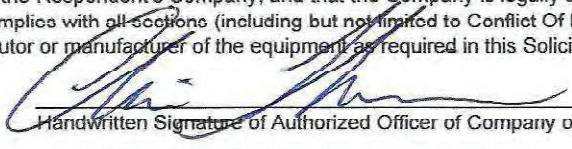
☒ **I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".**

**Respondent's Certification**

By submitting this Response, the Respondent certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Respondent's Company, and that the Company is legally authorized to do business in the State of Florida. The Respondent also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation, and that the Respondent is an authorized distributor or manufacturer of the equipment as required in this Solicitation.

We have received addenda

1 through 4

  
Handwritten Signature of Authorized Officer of Company or Agent

4/12/2021  
Date

CHRISTOPHER THERIEN / ACCOUNT MANAGER

Printed Name and Title



**APPENDIX B**  
**RESPONSE FORM – ADDENDUM TWO FOR SOLICITATION 1410284248-21**

**JEA ITN Poleline Hardware for JEA Inventory Stock**

Upload an original Response Form and other required forms to Zycus.com

Company Name: IRBY UTILITIES

Company's Address 38 SKYLINE DRIVE, SUITE 1000, LAKE MARY, FL 32746

License Number (if applicable) N/A

Phone Number 407-415-6268 FAX No: 407-771-0396 EMAIL Address: ewoldt@irby.com

**BID SECURITY REQUIREMENT**

☒ **None required**

☐ Certified Check or Bond  
% \$

**TERM OF CONTRACT**

☐ One Time Purchase

☒ **Term – Five (5) Years**

☐ Other, Specify:

**SAMPLE REQUIREMENTS**

☒ **None required**

☐ Samples required prior to Bid Opening

☐ Samples may be required subsequent to Bid Opening

**SECTION 255.05, FLORIDA STATUTES CONTRACT BOND**

☒ **None required**

☐ Bond required \$ \_\_\_\_\_ % of Bid Award

**QUANTITY REQUIREMENTS**

☐ Quantities indicated are exacting

☒ **Quantities indicated reflect the approximate quantities to be purchased throughout Contract period and are subject to fluctuation. JEA does not commit to any volume.**

**INSURANCE REQUIREMENT**

☐ None required

☒ **Insurance required**

**PAYMENT DISCOUNTS**

☐ 1% 20, net 30

☐ 2% 10, net 30

☐ Other \_\_\_\_\_

☒ **None Offered**

Quote the following materials **F.O.B. Destination: Jacksonville, FL (Either North Side Generating Station, Commonwealth Storeroom or Southside Service Center locations)**

Item No.	ENTER HEREON YOUR RESPONSE FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES	TOTAL RESPONSE PRICE
	<b>JEA ITN Poleline Hardware for JEA Inventory Stock</b>	
1.	Total Proposed Bid Price Vital and Storm Tab (Transfer from Summary Tab - Cell B3)	\$11,816,040.12
2.	Total Proposed Bid Price Vital and Storm 2 Tab (Transfer from Summary Tab - Cell B4)	\$8,799,801.10
3.	Total Propsoed Bid Price Cherry Pick Tab (Transfer from Summary Tab – Cell B5)	\$14,609,032.18
4.	Total Propsoed Bid Price (Transfer from Summary Tab - Cell B6)	\$35,224,873.40

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

**Respondent's Certification**

By submitting this Response, the Respondent certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Respondent's Company, and that the Company is legally authorized to do business in the State of Florida. The Respondent also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation, and that the Respondent is an authorized distributor or manufacturer of the equipment as required in this Solicitation.

We have received addenda

1 through 4

  
Handwritten Signature of Authorized Officer of Company or Agent

4/13/21

Date

ERICH EWOLDT, ACCOUNT MANAGER

Printed Name and Title



Date \_\_\_\_\_

**APPENDIX B**  
**RESPONSE FORM – ADDENDUM TWO FOR SOLICITATION 1410284248-21**

**JEA ITN Poleline Hardware for JEA Inventory Stock**

Upload an original Response Form and other required forms to Zycus.com

Company Name: Anixter

Company's Address 3881 old winter garden road orlando fl 32805

License Number (if applicable) \_\_\_\_\_

Phone Number 352-408-3898 FAX No: \_\_\_\_\_ EMAIL Address: renee.lackey@anixter.com

**BID SECURITY REQUIREMENT**

☒ **None required**

☐ Certified Check or Bond

\_\_\_\_\_ % \$ \_\_\_\_\_

**TERM OF CONTRACT**

☐ One Time Purchase

☒ **Term – Five (5) Years**

☐ Other, Specify: \_\_\_\_\_

**SAMPLE REQUIREMENTS**

☒ **None required**

☐ Samples required prior to Bid Opening

☐ Samples may be required subsequent to Bid Opening

**SECTION 255.05, FLORIDA STATUTES CONTRACT BOND**

☒ **None required**

☐ Bond required \$ \_\_\_\_\_ % of Bid Award

**QUANTITY REQUIREMENTS**

☐ Quantities indicated are exacting

☒ **Quantities indicated reflect the approximate quantities to be purchased throughout Contract period and are subject to fluctuation. JEA does not commit to any volume.**

**INSURANCE REQUIREMENT**

☐ None required

☒ **Insurance required**

**PAYMENT DISCOUNTS**

☐ 1% 20, net 30

☐ 2% 10, net 30

☒ Other \_\_\_\_\_

☐ None Offered

Quote the following materials **F.O.B. Destination: Jacksonville, FL (Either North Side Generating Station, Commonwealth Storeroom or Southside Service Center locations)**

Item No.	ENTER HEREON YOUR RESPONSE FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES	TOTAL RESPONSE PRICE
	<b>JEA ITN Poleline Hardware for JEA Inventory Stock</b>	
1.	<b>Total Proposed Bid Price Vital and Storm Tab (Transfer from Summary Tab - Cell B3)</b>	\$10,526,943.27 <del>\$0.00</del>
2.	<b>Total Proposed Bid Price Vital and Storm 2 Tab (Transfer from Summary Tab - Cell B4)</b>	\$5,760,751.13 <del>\$0.00</del>
3.	<b>Total Propsoed Bid Price Cherry Pick Tab (Transfer from Summary Tab – Cell B5)</b>	\$13,724,353.43 <del>\$0.00</del>
4.	<b>Total Propsoed Bid Price (Transfer from Summary Tab - Cell B6)</b>	\$30,012,047.70 <del>\$0.00</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”.**

**Respondent's Certification**

By submitting this Response, the Respondent certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Respondent's Company, and that the Company is legally authorized to do business in the State of Florida. The Respondent also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation, and that the Respondent is an authorized distributor or manufacturer of the equipment as required in this Solicitation.

We have received addenda

1 through 4

Renee Lackey

Handwritten Signature of Authorized Officer of Company or Agent

4/13/21

Date

Renee Lackey Account Manager

Printed Name and Title

1410284248-21 Appendix B - Response Workbook for Poleline Hardware for JEA Inventory Stock - Vital and Storm					Anixter			
JEA Item ID	Item Description	Mfg. Name & Mfg. Part Number	UOM	Estimated One (1) Year Usage	Quoted Unit Price	One (1) Year Proposed Bid Price	Historice Price	Extended Amount
ADCMI007	COMPOUND, INHIBITOR, 4-OZ SQUEEZE BOTTLE	BURNDY CORP. PENA 13-4 CMC/BARFIELD MANUFACTURING COMF CO-OX 4	Each	840	\$ 2.66	\$ 2,234.40	2.04	\$ 1,713.60
ADPCG003	ADAPTER, CABLE GUARD, UP TO 6" CONDUIT TO 5" RISER	ELECTRICAL MATERIALS CO. PEAD5-6P	Each	24	\$ 22.35	\$ 536.40	16.07	\$ 385.68
ADPCG006	ADAPTER, CABLE GUARD, VENTILATOR FITTING SIZE 6" X 6"	ELECTRICAL MATERIALS CO. PEAD6-6V	Each	1	\$ 57.50	\$ 80.50	36.2	\$ 50.68
ADPCG007	ADAPTER, CABLE GUARD, VENTILATOR FITTING SIZE 6" X 8"	ELECTRICAL MATERIALS CO. PEAD6-8PV	Each	2	\$ 63.53	\$ 152.47	39.59	\$ 95.02
ADPCN001	ADAPTER, TRANSFORMER CONNECTOR, BOLTED, USED WITH ITEM "CNNTS002", 5/8"-1"	CONNECTOR MANUFACTURING CO. CMC-AD158 ELECTRICAL SPECIALTY PRODUCTS RA158	Each	180	\$ 3.69	\$ 664.20	2.69	\$ 484.20
ANCSS002	ANCHOR, SCREW, SINGLE-HELIX, GALVANIZED 10" X 8' X 1-1/4", SHIP ON OPEN FLATBED ONLY!	ACTION MANUFACTURING AMI-6550 ALLIED 1169 CHANCE 10148	Each	588	\$ 49.78	\$ 29,270.64	32.19	\$ 18,927.72
ARREL001	ARRESTER, ELBOW, 21 KV, METAL OXIDE VARRISTER	COOPER POWER 3238019C21M ELASTIMOLD 273ESA-21 ELASTIMOLD 273ESA211BX	Each	420	\$ 83.09	\$ 34,897.80	72.04	\$ 30,256.80
ARRLI001	ARRESTER, LIGHTNING, 3 KV, DISTRIBUTION CLASS (MOV) WITHOUT MOUNTING BRACKET, 2.4/4.16 NOMINAL VOLTAGE	COOPER POWER SYSTEMS UHS03030B1A1A1A GENERAL ELECTRIC CO. 9L23AXX403XHS MACLEAN POWER SYSTEMS ZHP003-00000000-	Each	48	\$ 25.27	\$ 1,212.96	19.33	\$ 927.84
ARRLI002	ARRESTER, LIGHTNING, 10 KV, DISTRIBUTION CLASS (MOV) WITHOUT MOUNTING BRACKET, 7.62/13.2Y NOMINAL VOLTAGE	COOPER POWER SYSTEMS UHS10050B1A1A1A GENERAL ELECTRIC CO. 9L23AXX410XHS MACLEAN POWER SYSTEMS ZHP010-00000000-	Each	36	\$ 29.36	\$ 1,056.96	22.75	\$ 819.00
ARRLI008	ARRESTER, LIGHTNING, 3 KV, RISER POLE (MOV) 2.4 / 4.16 NOMINAL VOLTAGE, WITHOUT MOUNTING BRACKET, WITH ANIMAL GUARD	GENERAL ELECTRIC CO. 9L27HXX403XHS MACLEAN POWER SYSTEMS ZRP003-00000000 OHIO BRASS 221603-7214	Each	48	\$ 30.04	\$ 1,441.92	23.14	\$ 1,110.72
ARRLI011	ARRESTER, LIGHTNING, 10 KV, RISER POLE (MOV) 7.62 / 13.2Y NOMINAL VOLTAGE, WITHOUT MOUNTING BRACKET, (JEA	COOPER POWER SYSTEMS URT10050B1A1A1A GENERAL ELECTRIC CO. 9L27HXX010XHS MACLEAN POWER SYSTEMS ZRP010-00000000	Each	60	\$ 33.68	\$ 2,020.80	26	\$ 1,560.00
ARRST017	**TESTING REQUIRED** ARRESTER, SURGE, STATION CLASS, RATED 21 KV, RATED 17 KV MCOV, POLYMER CONSTRUCTION, FOR	ABB POWER T & D Q021SA017A COOPER POWER SYSTEMS UHAA021017A1845A11	Each	12	\$ 344.19	\$ 4,130.28	303.44	\$ 3,641.28
BKTAC009	BRACKET, ARRESTER AND CUTOUT, FIBERGLASS WITH RAYCHEM MATERIAL OVER ROD TYPE: SINGLE PHASE	HUBBELL 1SBHA19AMTBSC MACLEAN POWER SYSTEMS G1HAA619ADBC MACLEAN POWER SYSTEMS G1HDA219ADBC	Each	1840	\$ 63.74	\$ 117,281.60	51.74	\$ 95,201.60
BKTAC010	BRACKET, ARRESTER AND CUTOUT, FIBERGLASS WITH RAYCHEM MATERIAL OVER ROD TYPE: THREE PHASE	HUBBELL 3SBH5419AMTBSC HUBBELL PSC6532022 MACLEAN POWER SYSTEMS G3HAA25419ADBC	Each	440	\$ 151.63	\$ 66,717.20	139.76	\$ 61,494.40

BKTEM001	BRACKET, EQUIPMENT MOUNT, SINGLE,	ALUMA FORM TB-EMB-1-P13 BARFIELD MANUFACTURING CO. BTB-1PA-13/16	Each	228	\$ 21.62	\$ 4,929.36	17.13	\$ 3,905.64
BKTEM002	BRACKET, EQUIPMENT MOUNT, ADAPTER PLATE,	ALUMA FORM 1PA CMC/BARFIELD MANUFACTURING BA1PA MACLEAN POWER SYSTEMS M1PA	Each	132	\$ 4.96	\$ 654.72	3.86	\$ 509.52
BKTEM003	BRACKET, EQUIPMENT MOUNT, THREE CABLE TERMINATORS	ALUMA FORM 3PA CMC/BARFIELD MANUFACTURING BA3PA MACLEAN POWER SYSTEMS M3PA	Each	144	\$ 31.11	\$ 4,479.84	24.54	\$ 3,533.76
BKTEM004	BRACKET, ALUMA-FORM, TO BE USED WITH TRMCA017	ALUMA-FORM CS820 CMC/BARFIELD MANUFACTURING BACS820 MACLEAN POWER SYSTEMS MCS-820	Each	24	\$ 14.87	\$ 356.88	11.08	\$ 265.92
BKTF5001	BRACKET, FIBERGLASS STANDOFF, 2" FIBERGLASS ROD, 18" STANDOFF TO INS BASE ROD COVERED WITH RAYCHEM HEAT-SHRINK	ATLAS POWER PRODUCTS APF-9218-EX-JEA HUBBELL 15BHA18PFSC HYDROCOM INTERNATIONAL AD20-S1-18-C-S9	Each	4000	\$ 50.46	\$ 201,840.00	44.98	\$ 179,920.00
BKTTM001	BRACKET, TRANSFORMER MOUNTING, SINGLE MOUNT	ACTION MANUFACTURING UUP-237 ATLAS POWER PRODUCTS APP-18 CONTINENTAL ELECTRIC SF-TH-19.5-7	Each	264	\$ 61.83	\$ 16,323.12	43.59	\$ 11,507.76
BOLDA002	BOLT, 5/8" X 14", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED HOT DIPPED GALV. STEEL, ROLLED THREADS AND CONE	ALLIED BOLT, INC. 5954 ALUMA FORM AF8864 CHANCE 8864	Each	900	\$ 1.74	\$ 1,566.00	1.51	\$ 1,359.00
BOLDA003	BOLT, 5/8" X 16", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED HOT DIPPED GALV. STEEL, ROLLED THREADS AND CONE	ALLIED BOLT, INC. 5956 ALUMA FORM AF8866 CHANCE 8866	Each	900	\$ 1.84	\$ 1,656.00	1.52	\$ 1,368.00
BOLDA004	BOLT, 5/8" X 18", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25 EACH)	ALLIED BOLT, INC. 5958 ALUMA FORM AF8868 CHANCE 8868	Each	900	\$ 2.15	\$ 1,935.00	1.74	\$ 1,566.00
BOLDA005	BOLT, 5/8" X 20", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25 EACH)	ALLIED BOLT, INC. 5960 ALUMA FORM AF8870 CHANCE 8870	Each	996	\$ 1.47	\$ 1,464.12	1.22	\$ 1,215.12
BOLDA007	BOLT, 5/8" X 24", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25 EACH)	ALLIED BOLT, INC. 5964 ALUMA FORM AF8874 CHANCE 8874	Each	84	\$ 2.21	\$ 185.64	1.9	\$ 159.60
BOLDA013	BOLT, 5/8" X 36", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 15 EACH)	ALLIED BOLT, INC. 5976 HUBBELL POWER SYSTEMS, INC. T2060419 HUGHES TR-636-F	Each	13	\$ 4.32	\$ 56.16	3.54	\$ 46.02
BOLDA015	BOLT, 3/4" X 14", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25 EACH)	ALLIED BOLT, INC. 5980 ALUMA FORM AF8884 CHANCE 8884	Each	3900	\$ 2.47	\$ 9,633.00	2.05	\$ 7,995.00
BOLDA016	BOLT, 3/4" X 16", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25 EACH)	ALLIED BOLT, INC. 5982 ALUMA FORM AF8886 CHANCE 8886	Each	3100	\$ 2.55	\$ 7,905.00	2.11	\$ 6,541.00
BOLDA017	BOLT, 3/4" X 18", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25 EACH)	ALLIED BOLT, INC. 5984 ALUMA FORM AF8888 CHANCE 8888	Each	900	\$ 2.99	\$ 2,691.00	2.39	\$ 2,151.00
BOLDA018	BOLT, 3/4" X 20", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 20 EACH)	ALLIED BOLT, INC. 5986 ALUMA FORM AF8890 CHANCE 8890	Each	228	\$ 2.68	\$ 611.04	2.6	\$ 592.80



BOLDA020	BOLT, 3/4" X 24", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED,(MUST BE SHIPPED IN STD. BOX QUANTITIES OF 15 EACH)	ALLIED BOLT, INC. 5990 ALUMA FORM AF8894 CHANCE 8894	Each	60	\$ 3.76	\$ 225.60	3.8	\$ 228.00
BOLEY003	BOLT, EYE, 5/8" X 12", GALVANIZED, WITH SQUARE NUT ATTACHED	ALLIED BOLT, INC. 4104 ALUMA-FORM AF9412 CHANCE 29962	Each	1356	\$ 2.28	\$ 3,091.68	1.81	\$ 2,454.36
BOLEY004	BOLT, EYE, 5/8" X 14", GALVANIZED, WITH SQUARE NUT ATTACHED	ALLIED BOLT, INC. 4105 ALUMA-FORM AF9414 CHANCE 29964	Each	2900	\$ 2.52	\$ 7,308.00	2.06	\$ 5,974.00
BOLEY005	BOLT, EYE, 5/8" X 16", GALVANIZED, WITH SQUARE NUT ATTACHED	ALLIED BOLT, INC. 4106 ALUMA-FORM AF9416 CHANCE 29966	Each	410	\$ 2.82	\$ 1,156.20	2.63	\$ 1,078.30
BOLMS006	BOLT, MACHINE, 1/2" X 16", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX	ALLIED BOLT, INC. 8294-50 DIXIE ELECTRIC D8716 FLORIDA WIRE AND CABLE FW8716	Each	13	\$ 1.41	\$ 18.33	1	\$ 13.00
BOLMS015	BOLT, MACHINE, 5/8" X 2", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX	ALLIED BOLT, INC. 8122-150 ALUMA-FORM AF8802 CHANCE 8802	Each	4812	\$ 0.75	\$ 3,609.00	0.34	\$ 1,636.08
BOLMS020	BOLT, MACHINE, 5/8" X 14", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX	ALLIED BOLT, INC. 8226 ALUMA-FORM AF8814 ALUMA-FORM AF8906	Each	4700	\$ 1.24	\$ 5,828.00	0.87	\$ 4,089.00
BOLMS021	BOLT, MACHINE, 5/8" X 16", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX	ALLIED BOLT, INC. 8228 ALUMA-FORM AF8816 CHANCE 8816	Each	800	\$ 1.41	\$ 1,128.00	1.14	\$ 912.00
BOLMS029	BOLT, MACHINE, 3/4" X 2", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX	ALLIED BOLT, INC. 8150 CHANCE 8902 DIXIE ELECTRIC D8902	Each	804	\$ 1.40	\$ 1,125.60	0.31	\$ 249.24
BOLMS035	BOLT, MACHINE, 3/4" X 12", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX	ALLIED BOLT, INC. 8242 ALUMA-FORM AF8912 CHANCE 8912	Each	3348	\$ 1.78	\$ 5,959.44	1.34	\$ 4,486.32
BOLMS036	BOLT, MACHINE, 3/4" X 14", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX	ALLIED BOLT, INC. 8244 ALUMA FORM AF8914 CHANCE 8914	Each	8160	\$ 1.87	\$ 15,259.20	1.48	\$ 12,076.80
BOLMS037	BOLT, MACHINE, 3/4" X 16", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX	ALLIED BOLT, INC. 8246 ALUMA-FORM AF8916 CHANCE 8916	Each	2000	\$ 2.02	\$ 4,040.00	1.67	\$ 3,340.00
BOLMS052	BOLT, MACHINE, 7/8" X 22" SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX	ALLIED BOLT, INC. 8973-10 ALUMA-FORM AF9072 FLORIDA WIRE AND CABLE FW9072	Each	132	\$ 6.28	\$ 828.96	3.62	\$ 477.84
BOLMS053	BOLT, MACHINE, 7/8" X 24" SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX	ALLIED BOLT, INC. 8606-10 ALUMA-FORM AF9074 FLORIDA WIRE AND CABLE FW9074	Each	72	\$ 6.28	\$ 452.16	3.89	\$ 280.08
BOLMS073	BOLT, MACHINE, 7/8" X 30", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN BOX	ALLIED BOLT, INC. 8609-5 HUBBELL POWER SYSTEMS, INC. PSSB783000 HUGHES BROTHERS B830-8	Each	36	\$ 15.35	\$ 552.60	4.77	\$ 171.72
BOLMS074	BOLT, MACHINE, 7/8" X 32", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX	ALLIED BOLT, INC. 8610-5 HUBBELL POWER SYSTEMS, INC. PSSB783200 HUGHES BROTHERS B832-8	Each	48	\$ 15.76	\$ 756.48	5.04	\$ 241.92

BOLMS075	BOLT, MACHINE, 7/8" X 36", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX	ALLIED BOLT, INC. 8612-5 HUBBELL POWER SYSTEMS, INC. PSSB783600 HUGHES BROTHERS B836-8	Each	72	\$ 17.41	\$ 1,253.52	5.68	\$ 408.96
BOLTE001	BOLT, TERMINAL KIT, ( KIT INCLUDES ) 1-EACH 1/2" DIA. X 2" S/S BOLT FULL THREAD, 2-EACH S/S FLAT WASHERS, 1-EACH S/S BELLEVILLE 1-	CMC/BARFIELD MANUFACTURING SHA200 ERITECH SPECIALTY PRODUCTS SHA-200 HD SUPPLY HDSBOLTE001	Each	13900	\$ 2.50	\$ 34,750.00	2.48	\$ 34,472.00
BOLTE002	BOLT, TERMINAL KIT, ( KIT INCLUDES ) 1-EACH 1/2" DIA. X 2 1/2" S/S BOLT FULL THREAD, 2-EACH S/S FLAT WASHERS, 1-EACH S/S	BURNDY CORP. TMH3010 THREADED FASTENERS INC. ORDER BY DESCRIPTION	Each	2244	\$ 3.19	\$ 7,158.36	2.74	\$ 6,148.56
CLAHL001	CLAMP, HOT LINE, 6-1/0-MAIN, 6-1/0-TAP	ANDERSON BC-2/0 BLACKBURN HLC2108 CHANCE S1520CC	Each	5448	\$ 6.01	\$ 32,742.48	5.08	\$ 27,675.84
CLASR001	CLAMP, STRAIN RELIEF WEDGE, ALUMINUM, 6-2 TRI	ALLIED BOLT, INC. 10076 HUBBELL POWER SYSTEMS, INC. SW7195 ITT BLACKBURN W62-1	Each	1428	\$ 1.16	\$ 1,656.48	0.95	\$ 1,356.60
CLASR002	CLAMP, STRAIN RELIEF WEDGE, ALUMINUM, 1/0 TRI - 4/0 PAP	ALLIED BOLT, INC. 10078 HUBBELL POWER SYSTEMS, INC. SW7197 ITT BLACKBURN W40-1	Each	2028	\$ 2.01	\$ 4,076.28	1.71	\$ 3,467.88
CLASS002	CLAMP, STRAIGHT STRAIN, MALLEABLE IRON, GALVANIZED, 2/0-250 8000# COPPER OR COPPERWELD	ANDERSON MDE-60-N BARRON BETHEA SDF-10N CONTINENTAL ELECTRIC SDE-73F	Each	120	\$ 16.41	\$ 1,969.20	12.76	\$ 1,531.20
CLASS003	CLAMP, STRAIGHT STRAIN, MALLEABLE IRON, GALVANIZED, 250-500 10000#, COPPER OR COPPERWELD	ANDERSON 87672-2000 BARRON BETHEA SDF-20N CONTINENTAL ELECTRIC SDE-88F	Each	36	\$ 37.86	\$ 1,362.96	21	\$ 756.00
CLASS004	CLAMP, STRAIGHT STRAIN, ALUMINUM, 5000#, 4-3/0 ALUM	ANDERSON ADEZ-47-N CPI SBDE440 HYDROCOM INTERNATIONAL HCD60-SO	Each	6360	\$ 7.50	\$ 47,700.00	5.86	\$ 37,269.60
CLASS006	CLAMP, STRAIGHT STRAIN, ALUMINUM, 10000# 3/0 - 556 ALUM	ANDERSON ADEZ-88-N HYDROCOM INTERNATIONAL HCD88-SO MACLEAN POWER SYSTEMS HDSO-88	Each	780	\$ 11.44	\$ 8,923.20	9.96	\$ 7,768.80
CLASS007	CLAMP, STRAIGHT STRAIN, ALUMINUM, 12000# 397 - 1000 ALUM.	ANDERSON ADEZ-116-N HYDROCOM INTERNATIONAL HCD116-SO MACLEAN POWER SYSTEMS HDSO-116	Each	1032	\$ 15.48	\$ 15,975.36	12.54	\$ 12,941.28
CLASW001	CLAMP, SHIELD WIRE, 3#6AW / 3#7CU, GALV.	CHANCE 5455 JOSLYN HI-VOLTAGE CORP. J5455 MACLEAN POWER SYSTEMS U5268	Each	744	\$ 6.12	\$ 4,553.28	4.91	\$ 3,653.04
CLATG001	CLAMP, TRANSFORMER TANK GROUND, "BRONZE" 6 SOL - 1 STR.	CMC/BARFIELD MANUFACTURING BGC-0 ELECTRIC MOTION COMPANY, INC. EM 207 ERICO PRODUCTS CC207	Each	4308	\$ 2.14	\$ 9,219.12	1.93	\$ 8,314.44
CLEHL001	CLEVIS, HOT LINE HARDWARE, BALL-Y-CLEVIS 30,000#, 3/4" PIN SIZE, CLASS 52-3 FOR TRANSMISSION USE, HOT DIPPED GALV.	ANDERSON HYBC-30 FLAGG (MIF) 13501 JOSLYN HI-VOLTAGE CORP. BT3091	Each	288	\$ 17.81	\$ 5,129.28	12.95	\$ 3,729.60
CLETE004	CLEVIS, TOWER EYE, 90 DEGREE, 30,000# 5/8" EYE THICKNESS, 11/16" HOLE DIAMETER HOT-DIP GALVANIZED, HEAT TREATED	ANDERSON 85451-2000 JOSLYN MANUFACTURING CO. 33440-5/8 LINDSEY 3154	Each	108	\$ 15.11	\$ 1,631.88	14.2	\$ 1,533.60
CNNCP001	CONNECTOR, #1, 6-4 MAIN, 6-4 TAP, COMPRESSION, PARALLEL TAP, ALUMINUM,	ANDERSON AC 506-82 BURNDY CORP. YHO1 HOMAC OB44	Each	2724	\$ 0.39	\$ 1,062.36	0.31	\$ 844.44

CNNCP002	CONNECTOR, #2, 6-2 MAIN, 2-1/0 TAP, ALUMINUM COMPRESSION, PARALLEL TAP,	ANDERSON AC-508-82 BURNDY CORP. YHO2 HOMAC OB101	Each	27132	\$ 0.42	\$ 11,395.44	0.32	\$ 8,682.24
CNNCP003	CONNECTOR, 2-2/0 MAIN, 2-2/0 TAP, COMPRESSION, PARALLEL TAP, ALUMINUM,	HOMAC OB1010 KEARNEY 504-82 PENN-UNION KO-R10	Each	1860	\$ 0.81	\$ 1,506.60	0.39	\$ 725.40
CNNCP004	CONNECTOR, #4, 1/0-2/0 MAIN, 1/0-3/0 TAP COMPRESSION, PARALLEL TAP, ALUMINUM,	ANDERSON AC-504-82 BURNDY CORP. YHD4 HOMAC DB2020	Each	23256	\$ 0.68	\$ 15,814.08	0.46	\$ 10,697.76
CNNCP005	CONNECTOR, #3, 6-2 MAIN, 2/0-3/0 TAP, COMPRESSION, PARALLEL TAP, ALUMINUM,	ANDERSON AC-502-82 BURNDY CORP. YHD3 HOMAC DB202	Each	7260	\$ 0.79	\$ 5,735.40	0.56	\$ 4,065.60
CNNCP006	CONNECTOR, #6, 1/0-2/0 MAIN, 3/0-4/0 TAP COMPRESSION, PARALLEL TAP, ALUMINUM,	ANDERSON AC-505-82 BURNDY CORP. YHD6 HOMAC DB4020	Each	8088	\$ 0.81	\$ 6,551.28	0.58	\$ 4,691.04
CNNCP007	CONNECTOR, #7, 3/0-4/0 MAIN, 3/0-4/0 TAP COMPRESSION, PARALLEL TAP, ALUMINUM,	BURNDY CORP. YHD7 HOMAC DB4040 ITT BLACKBURN WR419	Each	4044	\$ 0.86	\$ 3,477.84	0.61	\$ 2,466.84
CNNCP008	CONNECTOR, #5, 6-2 MAIN, 4/0 TAP, COMPRESSION, PARALLEL TAP, ALUMINUM,	ANDERSON AC-503-82 BURNDY CORP. YHD5 HOMAC DB404	Each	5988	\$ 0.76	\$ 4,550.88	0.51	\$ 3,053.88
CNNGR002	COUPLING, GROUND ROD, "THREADLESS" REMARKS: FOR THREADLESS GROUND RODS	DEMARK GRC-58B ERICO PRODUCTS CC58 GALVAN INDUSTRIES 58DC	Each	4644	\$ 3.99	\$ 18,529.56	3.14	\$ 14,582.16
CNNLB001	CONNECTOR, 1/0 ALUM., LOADBREAK ELBOW, SUBMERSIBLE, 25 KV, B.I.L. 125 KV, 200A ED	COOPER POWER SYSTEMS LE225CCO6T ELASTIMOLD 262LR-C5240 ITT BLACKBURN JT2CJ10BAT	Each	3432	\$ 28.53	\$ 97,914.96	25.8	\$ 88,545.60
CNNSP001	CONNECTOR, SECONDARY PEDESTAL, 4-OUTLET #10- 500-KCM	CONNECTOR MANUFACTURING CO. SSBC-500-4SI HOMAC RAB45C	Each	3384	\$ 17.62	\$ 59,626.08	12.41	\$ 41,995.44
CNNSP002	CONNECTOR, SECONDARY PEDESTAL, 6-OUTLET #2 - 750-KCM	CONNECTOR MANUFACTURING CO. SSBC750-6I HOMAC RXM6C UTILCO PED6-750-SSP	Each	264	\$ 60.17	\$ 15,884.88	42.48	\$ 11,214.72
CNNTB003	CONNECTOR, 400-500 MAIN, 8-500 TAP TWO-BOLT PARALLEL	ANDERSON K5 BURNDY CORP. KVS34 DOSSERT DSU50-JEA	Each	396	\$ 10.66	\$ 4,221.36	9.51	\$ 3,765.96
CNNTL620	CONNECTOR, TAP LUG TERMINAL, BRONZE ONE OR TWO CABLES TO FLAT, TYPE TLS, 1/0 SOL-500 MCM ANDERSON P/N TLS-62-L	ANDERSON TLS-62-L DOSSERT QL-50E PENN-UNION LSN-050NE	Each	888	\$ 7.08	\$ 6,287.04	6.77	\$ 6,011.76
CNNTR001	CONNECTOR, 1/0 SOL-4 SOL, TERMINATOR	ANDERSON ACS-2-6 BURNDY CORP. YSU2R4W HOMAC UIB-26	Each	324	\$ 0.34	\$ 110.16	0.28	\$ 90.72
CNNTS004	CONNECTOR KIT, TRANSFORMER SECONDARY, 3-PHASE, CABLE SIZE 750KCM, 8-OUTLETS	ALCON SEE SPEC (CNNTS004KIT) CARR INDUSTRIES UTH750-123 ELECTRICAL SPECIALTY PRODUCTS SEE SPEC	Each	216	\$ 54.52	\$ 11,776.32	240.94	\$ 52,043.04
CNNTS006	CONNECTOR, TRANSFORMER SECONDARY SET SCREW TYPE W/INHIBITOR, 4-HOLE NEMA RANGE: 10-500, 3-PORTS.	ALCON T4G3-500G-RB CONNECTOR MANUFACTURING CO. L3D4-500I HOMAC ABT3500DSC	Each	504	\$ 12.49	\$ 6,294.96	8.37	\$ 4,218.48

CNNTS007	CONNECTOR, TRANSFORMER SECONDARY SET SCREW TYPE WITH INHIBITOR, 3/4" STUD RANGE: 10-500, 6-PORTS	ALCON BTC6-500G-RB CONNECTOR MANUFACTURING CO. NP6-500I HOMAC ABP6500C	Each	5052	\$ 15.25	\$ 77,043.00	11.24	\$ 56,784.48
CNNVG002	CONNECTOR, 8 SOL-4/12 SOL-4, VISE GRIP PARALLEL, BRONZE	CMC/BARFIELD MANUFACTURING VC-4NP HUBBELL GC-5004 MACLEAN POWER SYSTEMS BVC-4	Each	1392	\$ 1.36	\$ 1,893.12	1.16	\$ 1,614.72
CNNVG003	CONNECTOR, 6-2 SOL/10-2 SOL, VISE GRIP PARALLEL, BRONZE	HUBBELL GC-5002 MACLEAN POWER SYSTEMS BVC-2 RICHARDS MFG. CO. VC7	Each	19824	\$ 2.04	\$ 40,440.96	1.85	\$ 36,674.40
CNNVG004	CONNECTOR, 2 SOL-2/0 / TAP 2SOL-2/0 VISE GRIP PARALLEL, BRONZE	CMC/BARFIELD MANUFACTURING VC-20S HUBBELL GC-5020S MACLEAN POWER SYSTEMS BVC-20S	Each	3216	\$ 3.88	\$ 12,478.08	2.85	\$ 9,165.60
CNNVG006	CONNECTOR, 1/0-4/0 / 10 SOL-4/0, VISE- GRIP PARALLEL, BRONZE	CMC/BARFIELD MANUFACTURING VC-40 HOMAC VGC4040 HUBBELL GC-5040	Each	1608	\$ 21.61	\$ 34,748.88	3.65	\$ 5,869.20
COVIC002	COVER, "D" DIE, INSULATING, 2-1/2"	ANDERSON PTC-2 FCI USA INCORPORATED CCD KEARNEY 601-D	Each	39048	\$ 0.52	\$ 20,304.96	0.33	\$ 12,885.84
CUTOT004	CUTOUT, 100-AMP, OPEN FUSED, 15/26 KV, (48 EA PER PALLET)	ABB POWER T & D X5JENNM12 ALUMA FORM CSG27-100A-150-EN-12kA HUBBELL CP710313EZM	Each	3600	\$ 63.15	\$ 227,340.00	54.68	\$ 196,848.00
CXAFG001	CROSSARM, FIBERGLASS, 3 5/8" X 4 5/8" X 10', 10" BOLT SPACING, ULTIMATE LOAD PER SIDE 13,000 LBS.	PUPI DA3000120X3JE12	Each	238	\$ 268.21	\$ 63,744.58	226.52	\$ 53,836.25
CXAFG002	CROSSARM, FIBERGLASS, 4 5/8" X 3 5/8" X 10', 10" BOLT SPACING, 39 LBS, USED FOR TANGENT CONSTRUCTION ONLY	PUPI TB2200120JE12	Each	310	\$ 148.37	\$ 45,994.70	133.12	\$ 41,267.20
FUSOH020	FUSE, OVERHEAD DISTRIBUTION, 0.7 AMP, TRANSFORMER.	CHANCE MOD7SFA23 KEARNEY 41100	Each	192	\$ 5.49	\$ 1,054.08	4.88	\$ 936.96
FUSOH021	FUSE, OVERHEAD DISTRIBUTION, 1.0 AMP, TRANSFORMER.	CHANCE M1D0SFA23 KEARNEY 41150	Each	804	\$ 5.59	\$ 4,494.36	4.61	\$ 3,706.44
FUSOH022	FUSE, OVERHEAD DISTRIBUTION, 1.6 AMP, TRANSFORMER	CHANCE M1D6SFA23 INDEL EF2.5IXPCIR KEARNEY 41250	Each	3936	\$ 2.84	\$ 11,178.24	2.54	\$ 9,997.44
FUSOH023	FUSE, OVERHEAD DISTRIBUTION, 2.1 AMP, TRANSFORMER.	CHANCE M2D1SFA23 INDEL EF3.5IXPCIR KEARNEY 41350	Each	96	\$ 2.94	\$ 282.24	2.57	\$ 246.72
FUSOH024	FUSE, OVERHEAD DISTRIBUTION, 3.1 AMP, TRANSFORMER.	CHANCE M3D1SFA23 INDEL EF4IXPCIR KEARNEY 41400	Each	1812	\$ 2.94	\$ 5,327.28	2.55	\$ 4,620.60
FUSOH025	FUSE, OVERHEAD DISTRIBUTION, 4.2 AMP, TRANSFORMER.	CHANCE M4D2SFA23 INDEL EF5.5IXPCIR KEARNEY 41550	Each	24	\$ 2.94	\$ 70.56	2.58	\$ 61.92
FUSOH026	FUSE, OVERHEAD DISTRIBUTION, 5.2 AMP, TRANSFORMER.	CHANCE M5D2SFA23 INDEL EF7IXPCIR KEARNEY 41007	Each	420	\$ 2.94	\$ 1,234.80	2.57	\$ 1,079.40



FUSOH027	FUSE, OVERHEAD DISTRIBUTION, 7.0 AMP, TRANSFORMER.	CHANCE M7DOSFA23 INDEL EF10IXPCIR KEARNEY 41010	Each	228	\$ 2.94	\$ 670.32	2.58	\$ 588.24
FUSOH028	FUSE, OVERHEAD DISTRIBUTION, 10.4 AMP, TRANSFORMER.	CHANCE M10D4SFA23 INDEL EF15IXPCIR KEARNEY 41015	Each	108	\$ 2.94	\$ 317.52	2.58	\$ 278.64
GRIPR001	GRIP, PREFORMED, 3#6AW, 22", DEADEND	CHANCE 12D5M-AWSBG DULMISON AWGG0870 PREFORMED LINE PRODUCTS CO. AWDE4119	Each	288	\$ 3.39	\$ 976.32	3.21	\$ 924.48
GUACA001	GUARD, CABLE, 2" X 10', SCH-40 PVC (100-EACH PER BUNDLE FOR DELIVERIES) (300 EACH PER SKID), SHIP ON OPEN FLATBED ONLY!	CARLON (SEE SPEC)59011N CUSTOM PLASTICS, INC. CPUS4210 HOLM INDUSTRIES INC (SEE SPEC)PM2-40	Each	2070	\$ 13.07	\$ 27,054.90	8.39	\$ 17,367.30
GUACA002	GUARD, CABLE, 5" X 10', SCH-40 PVC, ( 40 EACH PER BUNDLE FOR DELIVERIES) ( 80 EACH PER SKID ), PACKAGED SUITABLE FOR FORKLIFT	CARLON (SEE SPEC)59016N HOLM INDUSTRIES INC (SEE SPEC) PM5-40 PRIME CONDUIT (SEE SPEC)59016N	Each	387	\$ 99.31	\$ 38,399.87	42.18	\$ 16,309.60
GUACA003	GUARD, CABLE, 6" X 10', SCH-40 PVC, ( 15 EACH PER BUNDLE FOR DELIVERIES ), SHIP ON OPEN FLATBED ONLY!	CARLON (SEE SPEC)59017N HOLM INDUSTRIES INC (SEE SPEC)PM6-40 PRIME CONDUIT (SEE SPEC)59017N	Each	66	\$ 126.19	\$ 8,286.48	53.7	\$ 3,526.30
GUACA004	GUARD, CABLE, 3" X 10', SCH-40 PVC, (50 EACH PER BUNDLE FOR DELIVERIES) ( 150 EACH PER SKID), MUST BE PALLETIZED FOR OUTDOOR	CARLON (SEE SPEC)59013N CUSTOM PLASTICS, INC. CPUS4310 HOLM INDUSTRIES INC (SEE SPEC)PM3-40	Each	1092	\$ 28.28	\$ 30,891.19	17.54	\$ 19,159.53
GUAGW001	GUARD, GROUND WIRE, 1/2" X 1/2" X 96", GRAY PLASTIC	CHANCE 96-KG-1/2G ELECTRICAL MATERIALS CO., INC. PEGM1/2 JOSLYN HI-VOLTAGE CORP. S484-4049	Each	3252	\$ 1.06	\$ 3,447.12	1.04	\$ 3,382.08
GUAGW002	GUARD, "YELLOW", GUY WIRE, 1/4" TO 1/2" 8', POLYETHYLENE, USED ON ALL 3/8" AND 7/16" GUY STRANDS (DISTRIBUTION)	CHANCE 96-PBG-2Y ELECTRICAL MATERIALS CO., INC. 70-7Y-2P IPEX (SEE SPEC)025504	Each	1344	\$ 2.40	\$ 3,225.60	2.3	\$ 3,091.20
GUYAT008	GUY HOOK, COMBINATION, MALLEABLE OR DUCTILE IRON, HOT DIP GALV. 13/16" MOUNTING HOLE, 20,000 LB MIN. ULT.	ALLIED BOLT, INC. 22002 HUBBELL GEP5A34N MACLEAN POWER SYSTEMS MGA345-AN	Each	1272	\$ 7.34	\$ 9,336.48	2.9	\$ 3,688.80
GUYST005	STRAND, GUY, 3/8" DIA, 7 PER STRAND, GALVANIZED STEEL, CLASS "B" GALV. OR BEZINOL IS ACCEPTABLE (500' COIL)	BEKAERT CORPORATION 118574 CLASS B BEKAERT CORPORATION AST3087EX58C00500 FLORIDA WIRE AND CABLE CLASS B ONLY	Feet	47472	\$ 0.35	\$ 16,615.20	0.31	\$ 14,716.32
GUYST006	STRAND, GUY, 7/16" DIA, 7 PER STRAND, GALVANIZED STEEL, CLASS "B" GALVNIZED OR BEZINAL, (500' COIL)	BEKAERT CORPORATION AST7167EX58C00500 FLORIDA WIRE AND CABLE NONE GUARDIAN CABLE SYSTEMS	Feet	11136	\$ 0.54	\$ 6,013.44	0.46	\$ 5,122.56
INSCO001	INSULATOR, COMPOSITE,SILICON-RUBBER,LEAKAGE DISTANCE MIN. 36", MIN. 25KV, 15000# STRENGTH, DEADEND	ADVANCED RUBBER PRODUCTS ARP-35SKCE-S ALUMA FORM DEI-35 GAMMA PS035	Each	4080	\$ 10.05	\$ 41,004.00	10.1	\$ 41,208.00
INSFE001	INSULATOR, FIBERGLASS EXTENSION REMARKS: FIBERGLASS W/PROTECTIVE COATING CLEVIS-EYE, 24 INCH FIBERGLASS LENGTH, 15,000 LB	ALUMA FORM FGS16-24CT-SC CONTINENTAL ELECTRIC GCTE1524SC HUBBELL / CHANCE POWER SYSTEMS	Each	1104	\$ 13.01	\$ 14,363.04	10.75	\$ 11,868.00
INSFE002	INSULATOR, FIBERGLASS EXTENSION REMARKS: FIBERGLASS W/PROTECTIVE COATING CLEVIS-EYE, 12 INCH FIBERGLASS LENGTH, 15,000 LB	ALUMA FORM FGS16-12CT-SC HUBBELL / CHANCE POWER SYSTEMS GS16012CPSC	Each	2988	\$ 11.12	\$ 33,226.56	8.17	\$ 24,411.96
INSGB002	INSULATOR, STRAIN, GUY BREAKER, 21,000# RATED, 60" ROD LENGTH, FIBERGLASS FOR USE ON JEA'S DISTRIBUTION SYSTEM ONLY	ALUMA-FORM FGS21-60CR BARRON BETHEA BB-21-CC-60-1R CHANCE GS21060CC1	Each	648	\$ 20.69	\$ 13,407.12	16.75	\$ 10,854.00

INSGB008	INSULATOR, STRAIN, 144" ROD LENGTH 21,000# RATED STRENGTH, SHIP ON OPEN FLATBED ONLY! FOR USE ON JEA'S	ALUMA-FORM FGS21-144CR CHANCE GS21144CC1 CONTINENTAL ELECTRIC GCC21-144R	Each	924	\$ 24.79	\$ 22,905.96	19.92	\$ 18,406.08
INSLP011	INSULATOR, BRACED LINE POST, SILICONE, 138 KV, FLAT BASE, MINIMUM LEAKAGE DISTANCE IS 145 INCHES, MINIMUM DRY ARC DISTANCE IS	HUBBELL POWER SYSTEMS, INC. BLP053F12005 LAPP INSULATOR CBP2-062-145-01 MACLEAN POWER SYSTEMS B211061AL44A	Each	36	\$ 389.11	\$ 14,007.96	322.26	\$ 11,601.36
INSST001	INSULATOR, SPOOL TYPE, BROWN, RATED STRENGTH OF 3000#	CHANCE C909-0032 DULHUNTY POWER DP53-2B DULMISON DSL-5320-B	Each	72	\$ 0.68	\$ 48.96	0.54	\$ 38.88
INSST002	INSULATOR, SPOOL TYPE, WHITE OR GREY, RATED STRENGTH OF 3000#	CHANCE C909-2032 WHITE DIXIE ELECTRIC D310W DULHUNTY POWER DP53-2W	Each	1548	\$ 0.68	\$ 1,052.64	0.48	\$ 743.04
INSSU002	INSULATOR, SUSPENSION, 4", CLASS 52-9 NEMA STRENGTH 10000#, GALV. FITTINGS	GAMMA PT8232G JOSLYN HI-VOLTAGE CORP. L1814 LAPP 6815-70	Each	72	\$ 7.71	\$ 555.12	5.36	\$ 385.92
INSVP001	INSULATOR, VERTICAL POST, TIE TOP 35-KV, 3/4" STUD TAP STANDARD PACKAGING IS NOT TO EXCEED THREE UNITS OR 72 POUNDS.	DULHUNTY POWER DP57-2 FHP FHP7572G GAMMA 9335X-70	Each	4416	\$ 13.32	\$ 58,821.12	10.78	\$ 47,604.48
LIKEX001	LINK, EXTENSION, STRAIGHT - 18,000# LBS. 6" HOLE SPACING, 1/2" THICKNESS,	HUGHES AS-942-A JOSLYN HI-VOLTAGE CORP. J2520 MACLEAN POWER SYSTEMS SF-ES-6-66-30	Each	120	\$ 7.22	\$ 866.40	7.97	\$ 956.40
NUTBC500	NUT, 1/2"-13, HEX, SILICON BRONZE HS, NC ASTM-B99 ***PACKAGE OF 50 OR 100 EACH*** NO SUBSTITUTE	ALLIED BOLT, INC. 24582 ANDERSON HNB-500 BURNDY CORP. 50HEN-ET	Each	1812	\$ 0.71	\$ 1,286.52	0.49	\$ 887.88
NUTEY002	NUT, EYE, 5/8", HOT DIPPED GALVANIZED	ALLIED BOLT, INC. 5876 ALUMA-FORM AF1092 BARRON BETHEA OEN-2A	Each	7200	\$ 1.24	\$ 8,928.00	1	\$ 7,200.00
NUTEY003	NUT, EYE, 3/4", HOT DIPPED GALVANIZED	ALLIED BOLT, INC. 5877 ALUMA-FORM AF1093 BARRON BETHEA OEN-2B	Each	4400	\$ 1.35	\$ 5,940.00	1.06	\$ 4,664.00
NUTSL003	NUT, LOCK, SQUARE, 5/8" HOLE SIZE, HOT DIPPED GALVANIZED	ALLIED BOLT, INC. 22010 ALUMA-FORM AF8583 CHANCE 3512	Each	900	\$ 0.13	\$ 117.00	0.1	\$ 90.00
NUTSL005	NUT, LOCK, SQUARE, 7/8" BOLT SIZE, HOT DIPPED GALVANIZED	ALLIED BOLT, INC. 22014 CHANCE 3514 COOPER POWER SYSTEMS DF3N8	Each	1380	\$ 0.46	\$ 634.80	0.31	\$ 427.80
NUTTE003	NUT, TWIN THIMBLE EYE 3/4" HOT DIPPED GALVANIZED	ALLIED BOLT, INC. 5046 BARRON BETHEA EN-5B CHANCE 6561	Each	240	\$ 4.09	\$ 981.60	3.52	\$ 844.80
PLGSO001	PLUG, STANDOFF 25KV 125 BIL	COOPER POWER ISB225 ELASTIMOLD 272SOP HUBBELL 9U07BCF100	Each	276	\$ 46.79	\$ 12,914.04	42.96	\$ 11,856.96
SAFGL055	GLOVE, RUBBER, CURVED HAND, FOR HIGH VOLTAGE (30000 V), BLACK, C/3, TYPE 1, 16" OVERALL LENGTH, SIZE 10, *** 1 EACH = 1 PAIR	NOVAX 155-3-16 SIZE 10 PROTECTIVE INDUSTRIAL PRODUCTS 155-3- 16/10	Each	48	\$ 257.95	\$ 12,381.60	220.02	\$ 10,560.96
SAFGL056	GLOVE, RUBBER, CURVED HAND, FOR HIGH VOLTAGE (30000 V), BLACK, C/3, TYPE 1, 16" OVERALL LENGTH, SIZE 10 1/2, *** 1 EACH = 1	HUBBELL POWER SYSTEMS, INC. PSC316YB10H SALISBURY NG316YB-10H	Each	48	\$ 204.98	\$ 9,839.04	220.02	\$ 10,560.96

SCWLA002	SCREW, LAG, 1/2" X 4", PILOT-POINT W/FETTER OR TWIST DRIVE, GALVANIZED, INS. ITEM, (500 EA P/BOX)	ALLIED BOLT, INC. 529-500 ALUMA-FORM AF8754TP CHANCE 508754	Each	1500	\$ 0.53	\$ 795.00	0.31	\$ 465.00
SCWLA005	SCREW, LAG, 1/4" X 2", MECHANICALLY GALVANIZED, MODIFIED GIMLET POINT W/HOT-DIPPED STEEL WASHER W/ATTACHED UV	ALLIED BOLT, INC. 7190DW-50 ELECTRICAL MATERIALS CO. 106M MACLEAN POWER SYSTEMS J26486.1	Each	27600	\$ 0.14	\$ 3,864.00	0.09	\$ 2,484.00
SHAAN003	SHACKLE, ANCHOR, 3/4", 50,000#, GALV.	ANDERSON AS50 BETHEA NATIONAL ASH-66A JOSLYN HI-VOLTAGE CORP. BT3025	Each	48	\$ 10.58	\$ 507.84	8.09	\$ 388.32
SLEAL002	SLEEVE, ORANGE TO ORANGE NEUTRAL 4-4 ALUMINUM TRIPLEX NEUTRAL SPLICING	ANDERSON VANS4-4 BURNDY CORP. YSS4R HOMAC SNG44	Each	96	\$ 1.13	\$ 108.48	0.87	\$ 83.52
SLEAL003	SLEEVE, RED TO RED NEUTRAL 2-2 ALUMINUM TRIPLEX NEUTRAL SPLICING	ANDERSON VANS1-1 BURNDY CORP. YSS2R HOMAC SNG22	Each	120	\$ 1.13	\$ 135.60	0.85	\$ 102.00
SLERE004	SLEEVE, 954 ACSR 54/7-STR., REPAIR	ALCOA 5234.3 BURNDY CORP. YNU49R HOMAC 28818	Each	2	\$ 39.33	\$ 86.53	40.15	\$ 88.33
SLESE003	SLEEVE, RED TO BLUE SERVICE 2-6, SERVICE ENTRANCE, COMPRESSION TYPE A =.268"-.328", B =.179"-.204"	ANDERSON ACS-2-6 ANDERSON VAUS1-6 BURNDY CORP. YSU2R4W	Each	108	\$ 0.34	\$ 36.72	0.28	\$ 30.24
SLESE005	SLEEVE, RED TO RED SERVICE 2-2, SERVICE ENTRANCE, COMPRESSION TYPE A =.268"-.328", B =.268"-.328"	ANDERSON VAUS1-1 BURNDY CORP. YSU2R2R HOMAC UIB-22	Each	828	\$ 0.34	\$ 281.52	0.28	\$ 231.84
SPLAC001	SPLICE, AUTOMATIC COPPER, #6 SOL, 8 STR	FARGO GL111 RELIABLE ELECTRIC CO. 61	Each	180	\$ 2.95	\$ 531.00	2.53	\$ 455.40
SPLAC002	SPLICE, AUTOMATIC COPPER, #4 SOL, 6 STR, CW- 8A	COPPERWELD 8A FARGO GL112 RELIABLE ELECTRIC CO. 41	Each	120	\$ 2.82	\$ 338.40	2.48	\$ 297.60
SPLAC004	SPLICE, AUTOMATIC COPPER, #2 SOL, 3 STR, CW- 5A,	COPPERWELD 5A FARGO GL114 RELIABLE ELECTRIC CO. 21	Each	12	\$ 5.54	\$ 66.48	4.94	\$ 59.28
SPLAC006	SPLICE, AUTOMATIC COPPER, 1/0SOL, 1 STR, CW- 3A,	COPPERWELD 3A FARGO GL116 RELIABLE ELECTRIC CO. 101	Each	24	\$ 5.58	\$ 133.92	5.82	\$ 139.68
SPLAC010	SPLICE, AUTOMATIC COPPER, 4/0 STR,	FARGO GL120 RELIABLE ELECTRIC CO. 407	Each	36	\$ 17.51	\$ 630.36	18.81	\$ 677.16
SPLAU001	SPLICE, AUTOMATIC, 3/8" 7STR GALVANIZED GUY STRAND, FULL-TENSION	HUBBELL POWER SYSTEMS, INC. GLS50002 RELIABLE ELECTRIC CO. 5002	Each	264	\$ 12.92	\$ 3,410.88	10.5	\$ 2,772.00
SPLAU002	SPLICE, AUTOMATIC, 3#6 AW & 3/8" GUY STRAND FULL-TENSION	HUBBELL POWER SYSTEMS, INC. GLS5042 RELIABLE ELECTRIC CO. 5042	Each	432	\$ 15.59	\$ 6,734.88	13.28	\$ 5,736.96
SPLAU007	SPLICE, AUTOMATIC, AAAC, 3/0 - 4/0, FULL-TENSION	BLACKBURN ATS3040 HUBBELL POWER SYSTEMS, INC. GL4098 MACLEAN POWER SYSTEMS 7656AP	Each	204	\$ 13.53	\$ 2,760.12	11.09	\$ 2,262.36

SPLAU009	SPLICE, AUTOMATIC, 336 AAC, FULL-TENSION	FARGO GL-410 MACLEAN POWER SYSTEMS 7658AP	Each	156	\$ 15.45	\$ 2,410.20	12.72	\$ 1,984.32
SPLAU016	SPLICE, AUTOMATIC REDUCER, #4 SOLID COPPER TO #6 SOLID COPPER	FARGO GL-150 RELIABLE ELECTRIC CO. 4161	Each	12	\$ 3.99	\$ 47.88	3.41	\$ 40.92
STAPL002	STAPLE, BARBED, COPPERWELD, 3/8" X 1-1/2", SHIPPED IN NO GREATER THAN 50 LB BOX. THIS ITEM MUST BE QUOTED BY THE POUND	ALLIED 22096 CHANCE C2050464 L&J INDUSTRIAL STAPLES INC C1538162-C	Pound	1640	\$ 0.58	\$ 951.20	9.23	\$ 15,137.20
STAPL003	STAPLE, COPPERWELD, 1/2" X 2" TO ATTACH GROUND WIRE MOLDING TO POLE, 20 POUND BOX THIS ITEM MUST BE QUOTED BY THE	ALLIED BOLT, INC. 25010 BLACKBURN CUS10 CHANCE 9154	Pound	1044	\$ 0.30	\$ 313.20	10.82	\$ 11,296.08
STICO001	STIRRUP, COMPRESSION, 2-1/0, ALUMINUM BODIES, COPPER BAIL, BAIL SIZE- 2-SOL	ITT BLACKBURN SC021 PENN-UNION KKB0-1/0-2	Each	2628	\$ 5.96	\$ 15,662.88	5.48	\$ 14,401.44
STULI001	STUD, LINE POST, DIA. SHANK- 3/4", SHANK LENGTH- 1-3/4", GALVANIZED STEEL W/NUTS AND WASHERS; 3/4" HEAD SIZE	CHANCE C903-9508 COOPER POWER SYSTEMS DF19M3 JOSLYN HI-VOLTAGE CORP. J25249.1	Each	4400	\$ 1.24	\$ 5,456.00	0.93	\$ 4,092.00
STULI002	STUD, LINE POST, DIA. SHANK- 5/8", SHANK LENGTH- 7", GALVANIZED STEEL WITH NUTS AND WASHERS; 3/4" HEAD SIZE,	CHANCE C903-9514 COOPER POWER SYSTEMS DF19M2 HUGHES 2752.2	Each	432	\$ 3.72	\$ 1,607.04	2.39	\$ 1,032.48
STULI003	STUD, LINE POST, DIA. SHANK- 3/4", SHANK LENGTH- 7", GALVANIZED STEEL WITH NUTS AND WASHERS; 3/4" HEAD SIZE,	CHANCE C903-9517 COOPER POWER SYSTEMS DF19M4 HUGHES 2753.1A	Each	1400	\$ 3.66	\$ 5,124.00	2.9	\$ 4,060.00
SWEUN002	SWITCH, UNDERHUNG, HOOK DISCONNECT, 35KV 600-AMP - SWITCH AND HARDWARE MUST BE PACKAGED IN A SINGLE CARDBOARD	CHANCE M3H-64A COOPER POWER SYSTEMS 127725LR-JEA ROYAL 19995CJEA100.B	Each	132	\$ 211.84	\$ 27,962.88	169.62	\$ 22,389.84
TOLGC001	GRIP, CABLE, PORKCHOP, FOR BARE CONDUCTOR, CABLE SIZE RANGE 8-3/0	EAGLE LINE TOOLS PG-1302 KLEIN TOOL 1604-20 YALE LMG 4500 RANGE 8-3/0	Each	24	\$ 104.99	\$ 2,519.76	81.45	\$ 1,954.80
WASBA500	WASHER, BELLEVILLE SPRING, 1/2", 301 SS ***100 EACH PER BOX***NO SUBSTITUTE*** KEY BELLEVILLE P/N K1063-E-109-S	ALLIED BOLT, INC. 5595 ANDERSON BW-500 BURNDY CORP. 50X106BWSS	Each	1104	\$ 1.25	\$ 1,380.00	0.76	\$ 839.04
WASRD003	WASHER, ROUND, 1/2" BOLT SIZE X 1 3/8" DIAMETER, GALVANIZED. (100 EACH PER BAG/BOX).	ALLIED BOLT, INC. 104-100 ALUMA FORM AF1086 CHANCE 6803	Each	400	\$ 0.07	\$ 28.00	0.05	\$ 20.00
WASRD004	WASHER, ROUND, 5/8" BOLT SIZE X 1 3/4" DIAMETER, GALVANIZED, ( 650 EA P/BOX)	ALLIED BOLT, INC. 11003-50 ALUMA-FORM AF1088 CHANCE 6805	Each	2400	\$ 0.15	\$ 360.00	0.1	\$ 240.00
WASRD005	WASHER, ROUND, 3/4" BOLT SIZE X 2" DIAMETER, GALVANIZED, *** 500 EACH PER BOX ***	ALLIED BOLT, INC. 7017 ALUMA-FORM AF1089 CHANCE 6806	Each	69100	\$ 0.19	\$ 13,129.00	0.12	\$ 8,292.00
WASRD006	WASHER, ROUND, 7/8" BOLT SIZE X 2 1/2" DIAMETER, GALVANIZED, ( 325 EA P/BOX)	ALLIED BOLT, INC. 7015-50 HUGHES RW2-80 MC GRAW EDISON DF1W5	Each	2436	\$ 0.41	\$ 998.76	0.23	\$ 560.28
WASSF002	WASHER, SQUARE FLAT, 2 1/4" SQ X 3/16", 5/8" BOLT SIZE, GALVANIZED	ALLIED BOLT, INC. 11500 ALUMA-FORM AF1075 CHANCE 6813	Each	400	\$ 0.28	\$ 112.00	0.18	\$ 72.00



WASSF003	WASHER, SQUARE FLAT, 3" SQ X 1/4", 5/8" X 3/4" BOLT SIZE, GALVANIZED	ALLIED BOLT, INC. 11551 ALUMA-FORM AF1079 CHANCE 6817	Each	44000	\$ 0.68	\$ 29,920.00	0.43	\$ 18,920.00
WASSF004	WASHER, SQUARE FLAT, 4" SQ X 1/4", 3/4" X 7/8" BOLT SIZE, GALVANIZED	ALUMA-FORM AF1080 CHANCE 6819 DIXIE ELECTRIC D-6819	Each	648	\$ 1.48	\$ 959.04	1.11	\$ 719.28
WASSP001	WASHER, SPRING, 5/8" BOLT SIZE, DOUBLE COIL HELICAL TYPE, GALVANIZED	ALLIED BOLT, INC. 1192 CHANCE C205-0186 ELECTRICAL MATERIALS CO. MW58	Each	36	\$ 0.18	\$ 6.48	0.17	\$ 6.12
WASSP002	WASHER, SPRING, 3/4" BOLT SIZE, DOUBLE COIL HELICAL TYPE, GALVANIZED (EXTRA HEAVY DUTY)	ALLIED BOLT, INC. 1193 CHANCE C205-0187 ELECTRICAL MATERIALS CO. MW34	Each	36100	\$ 0.32	\$ 11,552.00	0.21	\$ 7,581.00
WASSP003	WASHER, SPRING, 1/2" BOLT SIZE, LEAF TYPE, GALVANIZED	ALLIED BOLT, INC. 7012 CHANCE 3539 DIXIE ELECTRIC D-3539	Each	200	\$ 0.78	\$ 156.00	0.06	\$ 12.00
						\$ 2,105,388.65		\$ 1,754,582.01

**1410284248-21 Appendix B - Response  
Workbook for Poleline Hardware for JEA  
Inventory Stock - Vital and Storm 2**

**Stuart Irby**

JEA Item ID	UOM	Estimated One (1) Year Usage	Quoted Unit Price	One (1) Year Proposed Bid Price	Historic Price	Extended
ADCVF001	Each	144	\$5.42	\$780.48	\$ 4.40	\$ 633.60
ANCST001	Each	6800	\$2.73	\$18,564.00	\$ 0.72	\$ 4,896.00
ANCST003	Each	1236	\$0.56	\$692.16	\$ 12.00	\$ 14,832.00
BAYSW003	Each	204	\$87.50	\$17,850.00	\$ 41.19	\$ 8,402.76
BAYSW004	Each	560	\$28.75	\$16,100.00	\$ 17.89	\$ 10,018.40
BKTAC003	Each	420	\$13.19	\$5,539.80	\$ 8.17	\$ 3,431.40
BKTAC008	Each	940	\$55.45	\$52,123.00	\$ 46.47	\$ 43,681.80
CLAAR003	Each	840	\$34.64	\$29,097.60	\$ 21.84	\$ 18,345.60
CLASR003	Each	10788	\$1.89	\$20,389.32	\$ 1.36	\$ 14,671.68
CLASS001	Each	732	\$11.99	\$8,776.68	\$ 9.74	\$ 7,129.68
CNNCP025	Each	72	\$10.78	\$776.16	\$ 4.96	\$ 357.12
CNNJU001	Each	612	\$123.32	\$75,471.84	\$ 32.57	\$ 19,932.84
CNNTA001	Each	144	\$34.10	\$4,910.40	\$ 27.11	\$ 3,903.84
CNNTA002	Each	264	\$34.10	\$9,002.40	\$ 27.11	\$ 7,157.04
CNNTA003	Each	60	\$34.10	\$2,046.00	\$ 27.11	\$ 1,626.60
CNNTA004	Each	2088	\$34.10	\$71,200.80	\$ 27.11	\$ 56,605.68
CUTOT006	Each	132	\$164.75	\$21,747.00	\$ 114.47	\$ 15,110.04
ENCOD008	Each	2	\$17,606.25	\$35,212.50	\$ 13,043.82	\$ 26,087.64
FUSUG046	Each	7668	\$1.15	\$8,818.20	\$ 0.59	\$ 4,524.12
GRISA005	Each	144	\$160.05	\$23,047.20	\$ 125.98	\$ 18,141.12
GUAAN002	Each	7007	\$4.89	\$34,264.23	\$ 3.22	\$ 22,562.54
GUAAN006	Each	4163	\$26.80	\$111,568.40	\$ 14.31	\$ 59,572.53
GUAGW003	Each	216	\$8.23	\$1,777.68	\$ 6.87	\$ 1,483.92
GUYGR001	Each	2832	\$2.63	\$7,448.16	\$ 2.16	\$ 6,117.12
GUYGR005	Each	84	\$64.03	\$5,378.52	\$ 50.88	\$ 4,273.92
INSHPO01	Each	1092	\$56.59	\$61,796.28	\$ 48.25	\$ 52,689.00
INSHPO24	Each	36	\$574.13	\$20,668.68	\$ 458.48	\$ 16,505.28
INSLP014	Each	180	\$854.38	\$153,788.40	\$ 678.22	\$ 122,079.60
LIKEX002	Each	260	\$6.06	\$1,575.60	\$ 4.39	\$ 1,141.40

LUGGR001	Each	144	\$18.58	\$2,675.52	\$ 14.73	\$ 2,121.12
LUGGR002	Each	696	\$16.84	\$11,720.64	\$ 13.06	\$ 9,089.76
MOLAS002	Each	48	\$166.25	\$7,980.00	\$ 72.98	\$ 3,503.04
MOLCO007	Each	72	\$16.65	\$1,198.80	\$ 13.73	\$ 988.56
MOLPL001	Each	24	\$5.16	\$123.84	\$ 3.67	\$ 88.08
SAFRE002	Each	404	\$1.84	\$743.36	\$ 4.31	\$ 1,741.24
SLEFT012	Each	12	\$57.33	\$687.96	\$ 28.82	\$ 345.84
SLESW004	Each	24	\$20.35	\$488.40	\$ 17.44	\$ 418.56
SOCEY003	Each	312	\$12.74	\$3,974.88	\$ 10.13	\$ 3,160.56
SOCNA001	Each	132	\$65.18	\$8,603.76	\$ 42.96	\$ 5,670.72
SPLAU004	Each	2136	\$7.25	\$15,486.00	\$ 5.45	\$ 11,641.20
SPLAU005	Each	408	\$21.31	\$8,694.48	\$ 14.40	\$ 5,875.20
SPLAU010	Each	252	\$50.53	\$12,733.56	\$ 38.28	\$ 9,646.56
SPLIN001	Each	108	\$332.14	\$35,871.12	\$ 269.06	\$ 29,058.48
SPLKT006	Each	1308	\$9.31	\$12,177.48	\$ 5.67	\$ 7,416.36
SPLSH004	Each	240	\$374.33	\$89,839.20	\$ 247.92	\$ 59,500.80
SPLST007	Each	1776	\$53.35	\$94,749.60	\$ 33.07	\$ 58,732.32
SPLTR003	Each	12	\$1,599.64	\$19,195.68	\$ 1,320.90	\$ 15,850.80
SPLTR005	Each	12	\$2,948.72	\$35,384.64	\$ 2,830.69	\$ 33,968.28
SPLWY003	Each	12	\$1,085.44	\$13,025.28	\$ 714.42	\$ 8,573.04
SPLWY008	Each	12	\$1,148.01	\$13,776.12	\$ 714.42	\$ 8,573.04
SPLWY009	Each	4	\$1,156.25	\$4,625.00	\$ 714.42	\$ 2,857.68
STIWE002	Each	864	\$51.43	\$44,435.52	\$ 31.62	\$ 27,319.68
SWEGR001	Each	12	\$5,087.50	\$61,050.00	\$ 4,119.77	\$ 49,437.24
SWEGR002	Each	36	\$5,137.50	\$184,950.00	\$ 4,163.14	\$ 149,873.04
SWEHO019	Each	4	\$932.50	\$3,730.00	\$ 621.18	\$ 2,484.72
TAPEL009	Each	10012	\$4.82	\$48,257.84	\$ 3.61	\$ 36,143.32
TEEDE003	Each	96	\$48.94	\$4,698.24	\$ 40.12	\$ 3,851.52
THEHS002	Each	1104	\$4.06	\$4,482.24	\$ 1.58	\$ 1,744.32
THEHS008	Each	2952	\$4.33	\$12,782.16	\$ 3.94	\$ 11,630.88
TIECA001	Each	5028	\$1.37	\$6,888.36	\$ 0.56	\$ 2,815.68
TIEPR001	Each	1284	\$3.13	\$4,018.92	\$ 2.48	\$ 3,184.32
TIEPR002	Each	144	\$3.29	\$473.76	\$ 2.61	\$ 375.84
TIEPR005	Each	1236	\$4.76	\$5,883.36	\$ 3.79	\$ 4,684.44

TRMCA015	Each	480	\$87.76	\$42,124.80	\$ 73.41	\$ 35,236.80
TRMCA017	Each	48	\$325.73	\$15,635.04	\$ 210.08	\$ 10,083.84
TRMCA018	Each	192	\$209.80	\$40,281.60	\$ 57.66	\$ 11,070.72
TRMCA020	Each	168	\$295.80	\$49,694.40	\$ 118.57	\$ 19,919.76
TRMCA021	Each	24	\$168.53	\$4,044.72	\$ 168.27	\$ 4,038.48
				\$1,747,597.77		\$ 1,218,630.11



Appendix B - Response Workbook for Poleline Hardware for JEA Inventory			352 19-nobidall	Anixter 78 Items		Gresco 117 Items		Tri-State 61 Items		Stuart Irby 77 Items		352	23 Ties 19 No Bid All		
JEA Item ID	Item Description	UOM	Estimated One (1) Year Usage	Quoted Unit Price	One (1) Year Proposed Bid Price	Quoted Unit Price	One (1) Year Proposed Bid Price	Quoted Unit Price	One (1) Year Proposed Bid Price	Quoted Unit Price	One (1) Year Proposed Bid Price		Comment	Historic Pricing	Extended
ADCMI004	LUBRICANT, CABLE PULLING, PACKED IN (10) ONE-HALF (1/2) GL POLY BAGS AND ASSEMBLED IN A 5 GL PAIL,( 1 EACH = 10 - 1/2 GL BAGS IN A 5 GL PAIL)	Each	24	\$12.83	\$307.92	no bid		no bid		no bid		\$12.83		67.35	1616.4
ADCMI005	SEALANT, DUCT SEAL, 5-POUND BAG, ** PRICED BY THE POUND **, ** ISSUE BY THE POUND IN 5 POUND INCREMENTS. **	Pound	132	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	1.51	0
ADPCA002	ADAPTER, 350 MCM 28 KV AND 750 MCM 15KV CABLE SLEEVE FOR 600 AMP RATED TERMINTIONS	Each	12	\$14.98		\$14.60	\$175.20	\$14.89		\$16.25		\$14.60		\$12.27	147.24
ADPCG002	ADAPTER, CABLE GUARD, 4" X 3"	Each	6	\$14.67		\$13.41		\$11.88	\$71.28	\$13.75		\$11.88		\$13.30	79.8
ADPCG004	ADAPTER, CABLE GUARD, VENTILATOR FITTING SIZE 2" / 3" X 4"	Each	120	\$42.35		\$43.90		\$38.88	\$4,665.60	\$45.00		\$38.88		\$32.29	3874.8
ADPCT001	ADAPTER, CLAMP-TOP, CONVERT 2-HOLE BLADE TO CLAMP-TOP POST TO BE USED WITH 69KV, AND 138KV SYNTHETIC POST INSULATORS. (STD PKG IS 25	Each	12	\$53.95		\$52.63	\$631.56	\$166.97		\$184.05		\$52.63		\$44.44	533.28
ADPPI001	HORIZONTAL LINE POST ADAPTOR PLATE TO PREVENT CONDUCTOR FROM CONTACTING INSULATOR SHEDS.	Each	12	\$127.14		\$124.03	\$1,488.36	no bid		\$124.64		\$124.03		103.06	1236.72
ADPTU001	ADAPTER, TRUNNION, ALUMINUM, 2800# RATED STRENGTH	Each	24	\$14.14		\$13.79		no bid		\$13.73	\$329.52	\$13.73		7.69	184.56
ANCEX002	EXTENSION, ANCHOR, GALVANIZED, 1-1/2" SQ SHAFT SIZE X 3-1/2' LENGTH, MULTI-HELIX TYPE, SHIP ON OPEN FLATBED ONLY!	Each	120	\$40.40		\$40.24		\$37.09	\$4,450.46	\$40.88		\$37.09		\$28.35	3402
ANCEX003	EXTENSION, ANCHOR, GALVANIZED, 1-1/2" SQ SHAFT SIZE X 5' LENGTH, MULTI-HELIX TYPE, SHIP ON OPEN FLATBED ONLY!	Each	408	\$47.16		\$49.55		\$46.86	\$19,119.37	\$51.65		\$46.86		\$29.64	12093.12
ANCMS002	ANCHOR, SCREW, MULTI-HELIX, 10"/11.3" X 5' X 1-1/2" SQUARE SHAFT, WITH TRIPLEYE AND COUPLING ASSEMBLY "ATTACHED" HOT DIPPED GALVANIZED,	Each	96	\$107.03		\$104.70	\$10,051.20	\$152.60		\$117.56		\$104.70		\$77.90	7478.4
ANCMS003	ANCHOR, SCREW, MULTI-HELIX, 10"/11.3"/ 13.5" HELIX DIA X 7-1/2' LENGTH X 1-1/2" SQUARE SHAFT WITH TRIPLEYE AND COUPLING "ATTACHED" HOT	Each	36	\$219.93		\$180.48	\$6,497.28	\$213.78		\$185.00		\$180.48		\$115.64	4163.04
ANCSA001	ANCHOR, SLEEVE, ACORN HEAD, SLEEVE ANCHOR SYSTEM, ANCHOR PROGRAM ACORN HEAD BIT DIA. = 1/4", ANC. LG. = 2-1/4"	Each	120	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	0.66	0
ANCS001	ANCHOR, CONCRETE, STAINLESS STEEL TRUBOLT TYPE 304, 1/2" DIA - 13 THREADS/INCH, 2-1/4 INCH THREAD LENGTH, OVERALL LENGTH 3-3/4"	Each	1752	\$1.75	\$3,066.00	no bid		no bid		no bid		\$1.75		1.82	3188.64
ANCS002	ANCHOR, STUD, 1/2" STUD SIZE	Each	36	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	1.87	0
ARMST012	ARM, STEEL SHIELD, GAIN BASE 14" HOLE SPACING "SUPPLIED WITH 9/16" HOLE IN LINE END BRACKET FOR MOUNTING OF GROUNDING PROVISIONS", SHIP	Each	48	no bid		no bid		\$444.96	\$21,358.08	\$506.25		\$444.96		\$338.26	16236.48
ARREL002	ARRESTER, ELBOW, 9 KV, 13.2KV CLASS, MOV LOADBREAK	Each	12	\$99.55		\$97.12		\$88.84	\$1,066.09	\$97.93		\$88.84		\$78.14	937.68
ARREL003	ARRESTER, ELBOW, 3KV, MCOV FOR 2.4/4.16Y NORMAL, 25KV ANSI/IEEE INTERFACE	Each	12	\$93.06		\$90.79	\$1,089.48	\$91.67		\$101.05		\$90.79		\$80.81	969.72
ARRLI003	ARRESTER, LIGHTNING, 18 KV, DISTRIBUTION CLASS AND RISER POLE (MOV) WITHOUT MOUNTING BRACKET, 15.2/26.4Y NOMINAL VOLTAGE	Each	4032	\$48.32		\$46.75	\$188,496.00	no bid		no bid		\$46.75		31.7	127814.4
ARRLI013	ARRESTER, LIGHTNING, 21 KV, FOR INSTALLATION IN SWITCHGEAR 15.2/26.4Y NOMINAL VOLTAGE	Each	48	\$48.81		\$51.25		\$42.17	\$2,024.35	\$46.49		\$42.17		\$37.23	1787.04

ARRST089	**TESTING REQUIRED** ARRESTER, SURGE, STATION CLASS, RATED 108 KV, RATED 84 KV BIL MCOV, POLYMER CONSTRUCTION FOR SUBSTATION 138 KV	Each	4	\$1,079.72		\$1,337.79		\$991.18	\$3,964.72	\$1,092.58		\$991.18		\$875.80	3503.2
ARRST145	**TESTING REQUIRED** ARRESTER, SURGE, STATION CLASS, RATED 180 KV, RATED 144 KV MCOV, POLYMER CONSTRUCTION FOR SUBSTATION 230 KV	Each	12	\$2,024.96		\$1,982.00		\$1,837.51	\$22,050.14	\$2,025.48		\$1,837.51		\$1,616.93	19403.16
BALFI007	BALL FITTING, TYPE Y-CLEVIS, 30000# UTM STRENGTH, NEMA HDWH 52-3, STANDARD GALVANIZED	Each	264	\$9.25		\$8.46		\$8.04	\$2,121.29	\$8.44		\$8.04		\$5.70	1504.8
BKTAC007	BRACKET, ARRESTER OR CUTOUT, MODIFIED WISHBONE TYPE	Each	72	\$41.18		no bid		\$26.03	\$1,874.02	\$28.75		\$26.03		\$15.17	1092.24
BKTIN005	BRACKET, POLE-TOP, DUCTILKE IRON, HOT DIPPED GALVANIZED	Each	3	\$35.55		\$37.84		\$23.04	\$69.11	\$25.39		\$23.04		\$12.97	38.91
BKTRE001	BRACKET, RECLOSURE, JUMPER PIN	Each	96	no bid		no bid		\$183.60	\$17,625.60	\$212.50		\$183.60		\$185.27	17785.92
BKTRP001	BRACKET, RISER POLE ARRESTER	Each	372	no bid		no bid		\$24.73	\$9,200.30	\$27.50		\$24.73		\$17.98	6688.56
BKTRP002	BRACKET, SECONDARY CABLE RISER PER DMD-89	Each	12	\$195.44		\$190.67		no bid		\$189.75	\$2,277.00	\$189.75		152.05	1824.6
BKTSM004	BRACKET, SWITCH MOUNTING, FOR INSTALLING HOOK DISCONNECT SWITCHES ON VERTICAL CONSTRUCTION	Each	96	no bid		no bid		\$54.32	\$5,215.10	\$60.00		\$54.32		\$38.14	3661.44
BKTTM003	BRACKET, TRANSFORMER MOUNTING, CLUSTER MOUNT, ADAPTER PLATE-TWO (2) REQUIRED	Each	12	\$31.11		no bid		\$26.88	\$322.57	\$29.63		\$26.88		\$18.72	224.64
BOLAN003	BOLT, ANCHOR, TAPERED, BOLT ALLOY STEEL MASONRY ANCHOR W/CORROSION PROTECTIVE COATING, 3/4" X 5-1/2" FOR INSTALLING SWITCH	Each	204	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	5.97	0
BOLCA002	BOLT, CARRIAGE, 3/8" X 5", GALVANIZED, W/SQUARE NUT ATTACHED	Each	108	\$0.28		\$0.26		\$0.55		\$0.25	\$27.00	\$0.25		\$0.20	21.6
BOLCA004	BOLT, CARRIAGE, 1/2" X 7", GALVANIZED, W/SQUARE NUT ATTACHED	Each	72	\$0.52		\$0.47	\$33.84	\$1.05		\$0.68		\$0.47		\$0.54	38.88
BOLDA001	BOLT, 5/8" X 12", DOUBLE ARMING, GALV. W/4 SQUARE NUTS ATTACHED HOT DIPPED GALV. STEEL, ROLLED THREADS AND CONE POINT PER LATEST	Each	228	\$1.74		\$1.58	\$360.24	\$3.10		\$1.63		\$1.58		\$1.31	298.68
BOLDA006	BOLT, 5/8" X 22", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN BOX QUANTITIES OF 25 EACH.)	Each	228	\$2.29		\$2.23	\$508.44	\$3.56		\$2.63		\$2.23		\$1.75	399
BOLDA008	BOLT, 5/8" X 26", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25 EACH)	Each	36	\$2.75		\$3.10		\$4.56		\$2.68	\$96.48	\$2.68		\$2.16	77.76
BOLDA009	BOLT, 5/8" X 28", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25 EACH)	Each	12	\$3.53		\$3.23		\$5.42		\$3.23	\$38.76	\$3.23	Tie	\$2.65	31.8
BOLDA010	BOLT, 5/8" X 30", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 20 EACH)	Each	3	\$3.63		\$3.23	\$9.69	\$6.15		\$3.30		\$3.23		\$2.73	8.19
BOLDA011	BOLT, 5/8" X 32", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 20 EACH)	Each	8	\$3.68		\$3.36		\$6.44		\$3.35	\$26.80	\$3.35		\$2.78	22.24
BOLDA012	BOLT, 5/8" X 34", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 15 EACH)	Each	21	\$5.32		\$3.69	\$77.49	no bid		\$3.79		\$3.69		5.99	125.79
BOLDA014	BOLT, 3/4" X 12", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25 EACH)	Each	204	\$3.01		\$2.37	\$483.48	\$3.86		\$2.44		\$2.37		\$2.13	434.52

BOLDA019	BOLT, 3/4" X 22", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 20 EACH)	Each	36	\$4.01		\$3.23	\$116.28	\$6.99		\$3.31		\$3.23		\$2.82	101.52
BOLDA021	BOLT, 3/4" X 26", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN BOX QUANTITIES OF 15 EACH.)	Each	300	\$4.31		\$4.14	\$1,242.00	\$6.76		\$4.19		\$4.14		\$3.25	975
BOLDA022	BOLT, 3/4" X 28", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 15 EACH)	Each	36	\$7.33		\$4.45	\$160.20	\$9.23		\$4.56		\$4.45		\$4.38	157.68
BOLDA023	BOLT, 3/4" X 30", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 15 EACH)	Each	24	\$5.35		\$5.21		\$9.82		\$5.20	\$124.80	\$5.20		\$4.16	99.84
BOLDA024	BOLT, 3/4" X 32", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 10 EACH)	Each	12	\$7.16		\$5.67	\$68.04	\$11.96		\$5.81		\$5.67		\$5.20	62.4
BOLDA025	BOLT, 3/4" X 34", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 10 EACH)	Each	12	\$7.35		\$5.91	\$70.92	\$13.82		\$6.70		\$5.91		\$5.31	63.72
BOLDA026	BOLT, 3/4" X 36", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 10 EACH)	Each	24	\$7.04		\$6.09	\$146.16	\$14.02		\$6.25		\$6.09		\$5.41	129.84
BOLDA027	BOLT, 3/4" X 38", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 10 EACH)	Each	24	\$19.24		\$7.01	\$168.24	\$16.62		\$7.19		\$7.01		\$5.73	137.52
BOLDA028	BOLT, 3/4" X 40", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 10 EACH)	Each	24	\$19.01		\$9.75	\$234.00	\$16.43		\$10.00		\$9.75		\$7.41	177.84
BOLDA029	BOLT, 3/4" X 42", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 10 EACH)	Each	48	\$19.79		\$10.24	\$491.52	\$17.10		\$10.50		\$10.24		\$6.99	335.52
BOLDA033	BOLT, 7/8" X 20", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 10 EACH)	Each	12	\$7.61		\$5.00	\$60.00	\$12.88		\$5.13		\$5.00		\$5.04	60.48
BOLDA041	BOLT, 7/8" X 28", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 5 EACH)	Each	48	\$15.54		\$6.95	\$333.60	no bid		\$7.13		\$6.95		7.95	381.6
BOLDA042	BOLT, 7/8" X 26", DOUBLE ARMING, GALV. WITH 4 SQUARE NUTS ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 5 EACH)	Each	48	\$14.78		\$6.70	\$321.60	no bid		\$6.88		\$6.70		7.58	363.84
BOLMH008	BOLT, MACHINE, 1/2" X 2" HEX HEAD TIN PLATED BRONZE FOR MECHANICAL CONNECTIONS ONLY(GRADE 8) 100 EACH PER BOX/BAG	Each	288	\$2.46		\$2.31	\$665.28	no bid		\$2.46		\$2.31		1.99	573.12
BOLMH009	BOLT, MACHINE, 1/2" X 2-1/2" HEX HEAD TIN PLATED BRONZE FOR MECHANICAL CONNECTIONS ONLY(GRADE 8) 100 EACH PER BOX/BAG	Each	156	\$2.64		\$2.45	\$382.20	no bid		\$2.99		\$2.45		2.41	375.96
BOLMS001	BOLT, MACHINE, 1/2" X 2", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN BOX QUANTITIES OF 250	Each	132	\$0.74		\$0.28	\$36.96	no bid		\$0.29		\$0.28		0.55	72.6
BOLMS002	BOLT, MACHINE, 1/2" X 7", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 100	Each	372	\$0.71		no bid		\$0.89		\$0.56	\$208.32	\$0.56		\$0.43	159.96
BOLMS016	BOLT, MACHINE, 5/8" X 3", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 100	Each	24	\$0.79		\$0.54	\$12.96	\$1.65		\$0.56		\$0.54		\$0.50	12
BOLMS017	BOLT, MACHINE, 5/8" X 8", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 50	Each	132	\$1.01		\$0.92	\$121.44	\$1.32		\$0.95		\$0.92		\$0.71	93.72
BOLMS018	BOLT, MACHINE, 5/8" X 10", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 50	Each	144	\$1.05		\$0.96	\$138.24	\$1.34		\$1.03		\$0.96		\$0.73	105.12
BOLMS019	BOLT, MACHINE, 5/8" X 12", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 50	Each	816	\$1.15		\$1.00	\$816.00	\$1.49		\$1.16		\$1.00		\$0.82	669.12

BOLMS022	BOLT, MACHINE, 5/8" X 18", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 50	Each	288	\$1.75		\$1.53	\$440.64	\$2.18		\$1.70		\$1.53	\$1.30	374.4
BOLMS023	BOLT, MACHINE, 5/8" X 20", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25	Each	108	\$2.29		\$1.78	\$192.24	\$3.16		\$1.86		\$1.78	\$1.50	162
BOLMS025	BOLT, MACHINE, 5/8" X 24", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25	Each	12	\$2.99		\$1.93	\$23.16	\$3.68		\$1.99		\$1.93	\$6.08	72.96
BOLMS030	BOLT, MACHINE, 3/4" X 3", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 50	Each	312	\$3.59		\$0.74	\$230.88	no bid		\$0.76		\$0.74	0.51	159.12
BOLMS031	BOLT, MACHINE, 3/4" X 4", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 50	Each	36	no bid		\$4.84	\$174.24	no bid		\$4.96		\$4.84	3.34	120.24
BOLMS032	BOLT, MACHINE, 3/4" X 6", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 50	Each	324	\$1.65		\$0.79	\$255.96	\$3.38		\$0.81		\$0.79	\$0.90	291.6
BOLMS038	BOLT, MACHINE, 3/4" X 18", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25	Each	492	\$2.63		\$2.56		\$3.76		\$2.55	\$1,254.60	\$2.55	\$1.89	929.88
BOLMS039	BOLT, MACHINE, 3/4" X 20", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25	Each	216	\$3.50		\$3.10	\$669.60	\$4.13		\$3.19		\$3.10	\$2.28	492.48
BOLMS040	BOLT, MACHINE, 3/4" X 22", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25	Each	36	\$3.75		\$3.29	\$118.44	\$4.65		\$3.38		\$3.29	\$4.20	151.2
BOLMS041	BOLT, MACHINE, 3/4" X 24", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 15	Each	24	\$4.14		\$3.53	\$84.72	\$6.30		\$3.63		\$3.53	\$2.74	65.76
BOLMS042	BOLT, MACHINE, 3/4" X 26", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 15	Each	24	\$4.98		\$3.71	\$89.04	\$7.16		\$3.81		\$3.71	\$3.47	83.28
BOLMS045	BOLT, MACHINE, 7/8" X 3", SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25	Each	252	\$6.13		\$1.34	\$337.68	\$10.36		\$1.38		\$1.34	\$1.32	332.64
BOLMS047	BOLT, MACHINE, 7/8" X 12" SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 25	Each	12	\$3.53		\$2.92	\$35.04	\$5.76		\$3.00		\$2.92	\$3.69	44.28
BOLMS049	BOLT, MACHINE, 7/8" X 16" SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 10	Each	0	\$5.16		\$3.24	\$0.00	\$8.48		\$3.33		\$3.24	\$3.88	0
BOLMS050	BOLT, MACHINE, 7/8" X 18" SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 10	Each	24	\$5.43		\$3.90	\$93.60	\$6.52		\$4.00		\$3.90	\$3.69	88.56
BOLMS051	BOLT, MACHINE, 7/8" X 20" SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 10	Each	36	\$5.29		\$4.14	\$149.04	\$7.77		\$4.25		\$4.14	\$3.41	122.76
BOLMS054	BOLT, MACHINE, 7/8" X 26" SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 10	Each	84	\$13.44		\$5.85	\$491.40	\$14.71		\$6.00		\$5.85	\$4.16	349.44
BOLMS055	BOLT, MACHINE, 7/8" X 28" SQUARE HEAD GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 5	Each	48	\$20.41		\$6.52	\$312.96	\$17.64		\$6.69		\$6.52	\$4.50	216
BOLMS063	BOLT, MACHINE, 1" X 24", SQUARE HEAD, GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 10	Each	12	\$19.59		\$8.53	\$102.36	\$16.92		\$8.75		\$8.53	\$7.72	92.64
BOLMS064	BOLT, MACHINE, 1" X 26", SQUARE HEAD, GALVANIZED STEEL, W/SQUARE NUT ATTACHED, (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 10	Each	12	\$20.89		\$12.19	\$146.28	\$18.05		\$12.50		\$12.19	\$6.87	82.44
BOLMS070	BOLT, MACHINE 1" X 28", GALVANIZED W/SQUARE ATTACHED. (MUST BE SHIPPED IN STD. BOX QUANTITIES OF 5 EACH)	Each	12	\$23.00		\$12.92	\$155.04	\$19.87		\$13.25		\$12.92	\$6.28	75.36



BRCCF001	BRACE, CROSSARM, FACE MOUNTING WOOD, 3-3/8" X 4-3/8" FIR, 3'-0" DROP, 9'-0" SPAN (1 EACH = 1 PAIR) #6-#10 PENTA TREATED. GALVANIZED STEEL	Each	15	no bid		no bid		no bid		\$381.25	\$5,718.75		\$381.25		204.58	3068.7
BRCCF002	BRACE, CROSSARM, FACE MOUNTING WOOD, 3-3/8" X 4-3/8" FIR, 3'-6" DROP, 10'-6" SPAN (PAIR), ***1 EACH = 1 PAIR***.	Each	3	no bid		\$408.53	\$1,225.59	no bid		\$418.75			\$408.53		222.25	666.75
BRCCR001	BRACE, CROSSARM, 1/2" X 1-1/4" X 29", FIBERGLASS, 26" HOLE SPACING NOTE: ONE EACH = ONE PAIR (PRICING IS TO BE BY THE PAIR)	Each	2	\$9.76		\$8.92		\$12.60		\$8.89	\$17.78		\$8.89		\$7.38	14.76
BRCCR002	BRACE, CROSSARM, WOOD, FIR 1-11/16" X 2-11/16", SPAN 60", DROP 30" NOTE: ONE EACH = ONE PAIR (PRICING IS TO BE BY THE	Each	10	\$36.93		\$31.79	\$317.90	no bid		\$32.59			\$31.79		21.9	219
CAPCE001	CAP, CABLE END, 1.38" I.D., 10" LENGTH, (STD PKG = 10 EACH)	Each	24	\$90.25		\$88.04	\$2,112.96	\$115.00		\$90.25			\$88.04		\$68.64	1647.36
CAPCE004	CAP, CABLE END, 2 1/4" DIA, 12" LENGTH, SELF SECURING, CABLE SIZE 350 TO 750 MCM, 20 KV RATING, PREVENTS MOSITURE & CONTAMINATION	Each	12	\$103.96		\$101.42	\$1,217.04	\$132.50		\$103.96			\$101.42		\$79.09	949.08
CLAA001	CLAMP, ANGLE, 4-SOL.- 250-MCM, FORGED STEEL OR MALLEABLE IRON 7000#	Each	144	\$13.48		\$13.14		\$14.99		\$13.10	\$1,886.40		\$13.10		\$9.60	1382.4
CLAA002	CLAMP, ANGLE, 2-AAAC - 1/0-AAAC ALUMINUM, 7000#	Each	168	\$13.64		\$13.30		no bid		\$13.25	\$2,226.00		\$13.25		10.67	1792.56
CLAAR002	CLAMP, ARRESTER, HOT-LINE, HIGH STRENGTH ALUMINUM ALLOY, 6061-T6 CLAMP, WITH EYE- BOLT AND BLUNT TAP, TAP/MAIN FILLED WITH INHIBITOR,	Each	48	\$31.71		\$29.54	\$1,417.92	no bid		\$31.71			\$29.54		21.55	1034.4
CLACS001	CLAMP, CABLE SUSPENSION, 3-BOLT TYPE, 1/0 - 4/0-AAAC, 6" LENGTH	Each	84	\$4.54		\$5.21		\$3.92	\$329.31	\$4.33			\$3.92		\$2.82	236.88
CLACT001	CLAMP, CLAMP-TOP POST INSULATOR, HOT-DIP GALVANIZED, MALLEABLE IRON, 4/0-STR. CU.	Each	12	\$20.14		\$19.64		no bid		\$19.56	\$234.72		\$19.56		15.79	189.48
CLACT003	CLAMP, CLAMP-TOP POST INSULATOR ALUMINUM, 1/0 - 3/0 AAAC	Each	1	\$10.12		\$9.25		\$13.98		\$9.24	\$9.24		\$9.24		\$6.92	6.92
CLACT009	CLAMP, CLAMP-TOP POST INSULATOR, ANGLE, 2 - 1/0 AAAC, ALUMINUM CONDUCTOR	Each	120	\$14.86		\$14.50		no bid		\$14.45	\$1,734.00		\$14.45		11.6	1392
CLACT010	CLAMP, CLAMP-TOP POST INSULATOR, ANGLE, 3/0, 4/0, 652 AAAC, 336, 636 AAC, 556 ACSR ALUMINUM CONDUCTOR.	Each	132	\$22.25	\$2,937.00	\$23.06		no bid		\$22.98			\$22.25		18.29	2414.28
CLAGR001	CLAMP, GROUND ROD, 5/8" - 4SOL "HAMMERLOCK"	Each	2664	\$7.83		\$7.40	\$19,713.60	\$7.78		\$9.00			\$7.40		\$6.47	17236.08
CLAGR002	CLAMP, GROUND ROD, 5/8", 8 SOL - 1/0 STR. "WEDDING BAND" ** MAINTENANCE ONLY **	Each	336	\$2.30		\$2.24		\$1.99	\$667.70	\$2.30			\$1.99		\$2.11	708.96
CLAHL002	CLAMP, HOT LINE, 2-4/0-MAIN, 6-2/0-TAP,	Each	72	\$13.51		\$13.18		\$24.18		\$12.06	\$868.32		\$12.06		\$9.45	680.4
CLAJU005	CLAMP, SUSPENSION, CUSHION GRIP, 25000 LB LOAD, FOR 556 ASCR	Each	4	\$71.75		\$70.00	\$280.00	no bid		\$71.75			\$70.00		58.2	232.8
CLAJU008	CLAMP, SUSPENSION, CUSHION GRIP, 25000 LB LOAD, FOR 1590 ASCR	Each	24	\$74.53		\$72.70	\$1,744.80	no bid		\$74.53			\$72.70		60.44	1450.56
CLAPJ001	CLAMP, PARALLEL JUMPER, 6-1/0-ACSR LINE 2-8 SOL. CU/AL TAP, 1/2 INCH BOLT HEAD	Each	492	\$2.18		\$2.01	\$988.92	no bid		\$2.19			\$2.01		1.75	861
CLAQD005	CLAMP, QUADRANT DEADEND, FORGED OR CAST ALUMINUM, 397-1113AAC, 30000#	Each	48	\$83.54	\$4,009.92	\$86.59		\$93.40		\$86.30			\$83.54		\$66.38	3186.24

CLAQD006	CLAMP, QUADRANT DEADEND, FORGED OR CAST ALUMINUM, 1590ACSR, 30000#	Each	36	\$116.51	\$4,194.36	\$120.76		\$128.80		\$120.43		\$116.51	\$91.03	3277.08
CLAQD008	CLAMP, QUADRANT DEADEND, DUCTILE IRON 19,000-LB ULTIMATE, COND. SIZE .20"-.55", (STD. PKG. OF 10 EACH)	Each	108	\$25.88	\$2,795.04	\$26.82		\$30.59		\$26.73		\$25.88	\$21.00	2268
CLASU001	CLAMP, SUSPENSION, ALUMINUM, 15000#, 3#6AW / 7#10AW, MINIMUM CLAMPING RANGE .25" - .62"	Each	144	\$13.26		\$12.93		\$13.85		\$12.89	\$1,856.16	\$12.89	\$9.93	1429.92
CLASU002	CLAMP, SUSPENSION, ALUMINUM, 25000#, 3/0 - 336AAC, MINIMUM CLAMPING RANGE .50" - 1.04"	Each	24	\$13.90		\$13.56		\$16.95		\$13.51	\$324.24	\$13.51	\$10.43	250.32
CLASU006	CLAMP, SUSPENSION, ALUMINUM, 25000#, 636 AAC, 556 ACSR, 652 AAAC, 336 ACSR, MINIMUM CLAMPING RANGE 1.00" - 1.47"	Each	36	\$24.68		\$24.07		\$25.50		\$24.00	\$864.00	\$24.00	\$19.31	695.16
CLASU007	CLAMP, SUSPENSION, ALUMINUM, 25000#, 954 AAC, ACSR	Each	12	\$3.84	\$46.08	\$22.17		\$22.92		\$22.11		\$3.84	\$16.87	202.44
CLASU009	CLAMP, SUSPENSION, MALLEABLE IRON, GALV. 16000#, 2-4/0	Each	24	\$16.00		\$15.60		\$17.90		\$15.54	\$372.96	\$15.54	\$12.91	309.84
CLECY001	CLEVIS, EYE, 90 DEGREE, 30,000# 1/2" EYE THICKNESS, 11/16" HOLE DIAMETER HOT-DIP GALVANIZED, DROP-FORGED STEEL 5/8" PIN DIA.,	Each	72	\$20.74		no bid		\$17.92	\$1,290.04	\$19.75		\$17.92	\$12.05	867.6
CLEHL004	CLEVIS, HOT LINE HARDWARE, SOCKET CLEVIS 30,000#, 5/8" PIN SIZE, CLASS 52-3 FOR TRANSMISSION USE, HOT DIPPED GALV.	Each	48	\$22.15		\$21.60		\$23.27		\$21.56	\$1,034.88	\$21.56	\$16.04	769.92
CLEHL005	CLEVIS, HOT LINE HARDWARE, SOCKET-Y 50,000#, 7/8" PIN SIZE, CLASS 52-8 FOR TRANSMISSION USE, HOT DIPPED GALV.	Each	84	\$30.67	\$2,576.28	\$31.79		\$57.40		\$31.74		\$30.67	\$23.42	1967.28
CLEHL007	EYE, SOCKET TYPE, HOT LINE HARDWARE GALVANIZED, CLASS 52-3, 30,000# STRENGHT 1-1/16" EYE SIZE, 1" EYE THICKNESS FOR	Each	5	\$38.53		\$84.69		\$33.29	\$166.43	\$36.69		\$33.29	\$24.67	123.35
CLEHL008	EYE, SOCKET TYPE, HOT LINE HARDWARE GALVANIZED, CLASS 52-8, 40,000# STRENGHT 13/16" EYE SIZE, 3/4" EYE THICKNESS FOR TRANSMISSION	Each	48	\$92.40	\$4,435.20	\$95.78		no bid		\$98.18		\$92.40	51.66	2479.68
CLEIN001	CLEVIS, INSULATED, GALVANIZED, INSULATOR NOT INCLUDED, 3-1/4" CLEVIS OPENING	Each	228	\$3.03		\$2.96		\$3.93		\$2.75	\$627.00	\$2.75	\$1.94	442.32
CLESO004	CLEVIS, SOCKET-Y, CLASS 52-8, 3/4" PIN FORGED STEEL, HOT-DIP GALVANIZED, 30,000#	Each	60	\$19.93		\$19.43		\$19.17	\$1,150.20	\$19.38		\$19.17	\$14.02	841.2
CLESO005	CLEVIS, SOCKET - Y, 50,000 LB, CLASS 52-8/11.	Each	34	\$29.30		\$28.58		\$80.96		\$28.50	\$969.00	\$28.50	\$21.27	723.18
CLETE001	CLEVIS, TOWER EYE, STANDARD, 30,000# 5/8" EYE THICKNESS, 11/16" HOLE DIAMETER HOT-DIP GALVANIZED, HEAT TREATED	Each	72	\$16.79		\$16.37		\$18.67		\$16.30	\$1,173.60	\$16.30	\$13.23	952.56
CLETH001	CLEVIS, THIMBLE, GALVANIZED, 20,000# 3/8" & 7/16"	Each	120	\$5.49		\$5.35		no bid		\$5.34	\$640.80	\$5.34	3.83	459.6
CLETH002	CLEVIS, THIMBLE, GALVANIZED, 40,000# 1/2" & 9/16"	Each	12	\$11.51		\$11.23		\$10.93	\$131.16	\$11.20		\$10.93	\$7.81	93.72
CLETH003	CLEVIS, THIMBLE, GALVANIZED, 60,000# 5/8" & 3/4"	Each	24	\$32.81		\$32.01		\$49.35		\$31.90	\$765.60	\$31.90	\$24.03	576.72
CLEY001	CLEVIS, "Y", 90-DEGREE, 13/16" OPENING 3/4" Y-PIN, 5/8" CLEVIS PIN, 30,000#	Each	12	\$34.03		\$33.19		\$36.41		\$33.08	\$396.96	\$33.08	\$26.22	314.64
CNNAJ002	TERMINAL, ALUMINUM JUMPER, CONDUCTOR RANGE .889"-.964", CONDUCTOR SIZE 556-ACSR 636-AAC, 15-DEGREE ANGLE	Each	12	\$27.70	\$332.40	\$27.79		no bid		\$28.49		\$27.70	24.28	291.36

CNNAJ008	TERMINAL, ALUMINUM JUMPER, 4-HOLE PAD 1.475"-1.560", CONDUCTOR SIZE 1590-ACSR 0-DEGREE ANGLE COMPRESSION CONNECTION	Each	12	\$53.85		\$54.07		\$56.60		\$52.39	\$628.68	\$52.39		\$43.28	519.36
CNNCP016	CONNECTOR, .204"-.258", .204"-.258" COPPER COMPRESSION TAP FOR COPPER CONNECTIONS ONLY	Each	444	\$0.83		\$0.80	\$355.20	\$0.93		\$0.85		\$0.80		\$0.67	297.48
CNNCP021	CONNECTOR, COPPER COMPRESSION, CONDUCTOR SIZE- #2	Each	5	\$1.52	\$7.60	\$1.97		\$1.75		\$1.93		\$1.52		\$1.08	5.4
CNNCP022	CONNECTOR, COPPER COMPRESSION, CONDUCTOR SIZE- #1/0	Each	1980	\$1.81	\$3,583.80	\$2.84		\$2.12		\$1.93		\$1.81		\$1.19	2356.2
CNNCT004	CONTACT CONNECTOR,750 MCM COMPACTED CU. CONDUCTOR, 15KV, FOR 600 AMP APPLICATIONS	Each	3	\$48.44		\$75.41		no bid		\$48.44	\$145.32	\$48.44	Tie	14.49	43.47
CNNJU002	JUMPER, 636AAC, 15 FT, WITH 4 HOLE BURNDY COMPRESSION CONNECTOR YNA39R-4N SQUEEZED ON WITH BURNDY 722 DIE, OPEN END TAPED AND	Each	612	no bid		no bid		no bid		\$250.32	\$153,195.84	\$250.32		105.87	64792.44
CNNLB002	CONNECTOR, LOADBREAK ELBOW REPAIR, FOR REPAIR REPLACEMENT OF FAILED ELBOW 1/0 ALUMINUM, 25-KV, 200-AMP	Each	36	\$164.71	\$5,929.56	no bid		no bid		\$175.00		\$164.71		133.5	4806
CNNME002	CONNECTOR, 1", STRAIGHT, FOR LIQUID TIGHT INSULATED FLEXIBLE METAL CONDUIT.	Each	96	no bid		no bid		no bid		\$10.66	\$1,023.36	\$10.66		8.42	808.32
CNNPA590	CONNECTOR, PARALLEL, BRONZE, MULTIPLE (2) U-BOLTS, #1 SOL & 4/O MAIN & TAP, TRANSMISSION ITEM	Each	12	\$53.44		\$59.50		no bid		\$50.89	\$610.68	\$50.89		35.32	423.84
CNNPL501	CONNECTOR, BI-METALLIC TRANSITION PLATE, 3" X 3" X 1/16", 80%AL/20%CU, 4-HOLE NEMA***PACKAGES OF 50 EACH***	Each	24	\$3.97		\$3.63	\$87.12	\$4.99		\$3.73		\$3.63		\$3.13	75.12
CNNPL504	CONNECTOR, BI-METALLIC TRANSITION PLATE, 2-HOLE NEMA, AL/CU, TYPE-TP, PAGE-J9, FIG.1, 1 1/2" X 3" X 1/16", 80% ALUM., 20% COPPER IN	Each	2	\$3.41		\$3.12	\$6.24	\$3.73		\$3.20		\$3.12		\$2.80	5.6
CNNPT005	CONNECTOR, 636 AAC, PREFORMED TEE CONDUCTOR RANGE-.887"-.929"	Each	12	\$242.80	\$2,913.60	\$251.68		no bid		\$257.98		\$242.80		208.79	2505.48
CNNTA005	CONNECTOR, 336-4/0, TAP,	Each	60	\$11.55	\$693.00	no bid		no bid		\$11.55		\$11.55	Tie	7.5	450
CNNTA006	CONNECTOR, 636-4/0, TAP,	Each	72	\$21.85	\$1,573.20	no bid		no bid		\$21.85		\$21.85	Tie	16.86	1213.92
CNNTA007	CONNECTOR, 500CU-4/0, TAP,	Each	48	\$31.44	\$1,509.12	no bid		no bid		\$31.44		\$31.44	Tie	19.83	951.84
CNNTB001	CONNECTOR, 1/0-4/0 MAIN, 8-4/0TAP TWO-BOLT PARALLEL STRENGTH COPPER ALLOY.	Each	60	\$6.53		\$7.24		\$5.64	\$338.26	\$6.21		\$5.64		\$6.15	369
CNNTB002	CONNECTOR, 250-350 MAIN, 8-350 TAP TWO-BOLT PARALLEL	Each	72	\$10.54		\$28.04		\$9.10	\$655.52	\$10.04		\$9.10		\$9.26	666.72
CNNTB004	CONNECTOR, 400-800 MAIN, 3/0-800 TAP TWO-BOLT PARALLEL	Each	60	\$18.68		\$17.42		\$16.14	\$968.11	\$17.79		\$16.14		\$16.14	968.4
CNNTE046	CONNECTOR, TERMINAL, BOLTED, NEMA 2-HOLE, TIN PLATED BRONZE, STRAIGHT, W/ BRONZE HARDWARE, #4 SOL-250MCM RANGE, COPPER OR	Each	60	\$35.50		\$33.71	\$2,022.60	\$45.86		\$34.56		\$33.71		\$32.31	1938.6
CNNTE047	CONNECTOR, TERMINAL, BOLTED, NEMA 2-HOLE, TIN PLATED BRONZE, STRAIGHT, W/ BRONZE HARDWARE, 2/0 SOL - 800MCM RANGE COPPER OR	Each	156	\$62.89		\$42.68	\$6,658.08	\$65.30		\$43.75		\$42.68		\$49.60	7737.6
CNNTE048	CONNECTOR, TERMINAL, BOLTED, NEMA 4-HOLE, TIN PLATED BRONZE, STRAIGHT, W/ BRONZE HARDWARE, RANGE: 4/0 - 1000MCM COPPER OR	Each	36	\$68.98		\$90.69		\$66.23	\$2,384.12	\$73.00		\$66.23		\$50.05	1801.8

CNNT201	CONNECTOR, COMPRESSION TEE-TAP, ALUMINUM, CABLE TO PAD, OPEN RUN W/4-HOLE NEMA PAD, 954 ACSR MAIN.	Each	0	\$157.17		no bid		\$127.31	\$0.00	\$140.34		\$127.31		\$102.60	0
CNNT213	CONNECTOR, STRAIGHT TEE, ALUMINUM, CABLE TO CABLE, BOLTED, HEAT TREATED, 954-1192 MAIN TO 556-652 TAP	Each	0	\$50.20		no bid		\$162.90		\$47.06	\$0.00	\$47.06		\$46.81	0
CNNT799	CONNECTOR, STRAIGHT TEE, BRONZE, TUBE TO FLAT, 4" IPS TO 4 HOLE FLAT (4"), CENTER FORMED, TIN PLATED ***ANDERSON P/N TTF-4040-1-Tp***	Each	0	\$401.76		no bid		\$347.12	\$0.00	\$382.63		\$347.12		\$267.28	0
CNNTL012	TERMINAL LUG, ALUMINUM COMPRESSION, WITH 1/2" HARDWARE, #1 - #2 STR.	Each	168	\$0.98		\$0.95	\$159.60	\$4.08		\$0.98		\$0.95		\$0.80	134.4
CNNTL013	TERMINAL LUG, ALUMINUM COMPRESSION, WITH 1/2" HARDWARE, 1/0 STR.	Each	96	\$1.23		\$1.12	\$107.52	\$3.13		\$1.15		\$1.12		\$0.80	76.8
CNNTL034	TERMINAL LUG, 500 KCM, 1/2" STUD MOUNTING, COPPER COMPRESSION	Each	11	\$8.25		\$7.54	\$82.94	\$13.60		\$8.15		\$7.54		\$6.57	72.27
CNNTS009	CONNECTOR, CONTAMINATED ENVIRONMENT, TRANSFORMER SECONDARY SET SCREW TYPE WITH INHIBITOR, 1/2" STUD, RANGE: 12-350, 6-PORTS.	Each	396	\$40.61		\$38.85	\$15,384.60	no bid		\$45.69		\$38.85		34.97	13848.12
CNNTS010	CONNECTOR, TRANSFORMER SECONDARY SET SCREW TYPE W/INHIBITOR, 4-HOLE NEMA RANGE: 750-2, 3-PORTS	Each	24	no bid		no bid		no bid		\$86.43	\$2,074.32	\$86.43		46.42	1114.08
CNNTY001	BASE, CABLE TIE ADHESIVE MOUNTING FOR STRAPS 3/16" WIDE MAX THOMAS & BETTS P/N TC5342A ***PACKAGE OF 100 EACH***NO SUBSTITUTE**	Each	540	\$0.83	\$448.20	no bid		no bid		\$0.83		\$0.83	Tie	0.59	318.6
CNNTY104	TIE, CABLE, NYLON SELF-LOCKING RAP, 5.5" LONG X .140" THOMAS & BETTS P/N TY524M ***PACKAGES OF 100 EACH**NO SUBSTITUTE**	Each	2868	\$0.13	\$372.84	no bid		no bid		\$0.13		\$0.13	Tie	0.09	258.12
CNNTY108	TIE, CABLE, NYLON SELF-LOCKING RAP, 7.31" LONG X .184", T&B P/N TY525M ***PACKAGES OF 100 EACH***NO SUBSTITUTE*	Each	3936	\$0.04		no bid		\$0.04	\$144.96	\$0.04		\$0.04	Tie	\$0.04	157.44
CNNTY111	TIE, CABLE, NYLON SELF-LOCKING RAP, 8" LONG X .301" THOMAS & BETTS P/N TY5272M ***PACKAGE OF 50 EACH***NO SUBSTITUTE***	Each	1020	\$0.29	\$295.80	no bid		no bid		\$0.29		\$0.29	Tie	0.21	214.2
CNNTY112	TIE, CABLE, NYLON SELF-LOCKING RAP, 14" LONG X .301" THOMAS & BETTS P/N TY527M ***PACKAGE OF 50 EACH***NO SUBSTITUTE***	Each	2316	\$0.29	\$671.64	no bid		no bid		\$0.29		\$0.29	Tie	0.22	509.52
CNNTY150	TIE, CABLE, NYLON SELF-LOCKING RAP, 11.5" LONG X .140", 100% NON-METALLIC, FOR SF6 GAS BREAKER INTERNAL USE ***PACKAGES OF 50/100 EACH***	Each	3816	\$0.06		no bid		\$0.05	\$199.88	\$0.06		\$0.05		\$0.04	152.64
CNNTY206	TIE, CABLE, NYLON SELF-LOCKING RAP, 8.19" LONG X .140", WEATHER RESISTANT, BLACK, USED ON CARD TIES FOR TRANSFORMER ***PACKAGE OF 100	Each	11580	\$0.04		no bid		\$0.04	\$441.48	\$0.04		\$0.04	Tie	\$0.04	463.2
CNNWC300	CONNECTOR, COMMUNICATION FOR PIGTAIL SPLICING, CONNECTORS IN CARTRIDGES OF 10 EACH, TYPE ULG, WIRE SIZE 19-24 AWG SOL. (1 EACH = 1	Each	36	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	0.09	0
COAKT001	KIT, COAXIAL, 65' LENGTH OF 1/2" COAX CABLE WITH INSTALLED GROUND KIT, FEMALE CONNECTOR, AND 3 FT MALE TO MALE JUMPET ON END, OTHER END	Each	108	no bid		no bid		no bid		\$615.00	\$66,420.00	\$615.00		215.31	23253.48
COVIC003	COVER, INSULATING CONNECTOR, SLEEVE #2-250MCM AL/CU	Each	240	\$6.48	\$1,555.20	no bid		no bid		\$6.48		\$6.48	Tie	5.13	1231.2
COVSP001	COVER, SPLICE GEL CAP WITH 2 WIRE NUTS, 12-2 CABLE	Each	876	\$22.73		\$21.44	\$18,781.44	no bid		\$26.14		\$21.44		12.2	10687.2
COVSP002	COVER, SPLICE, "FLOOD SEAL" 600-VOLT WATERTIGHT COVER EPDM, RANGE #14 - 2/0	Each	2208	\$2.65	\$5,851.20	\$2.74		no bid		\$2.81		\$2.65		2.07	4570.56
COVSP003	COVER, SPLICE, TO BE INSTALLED OVER FUSEHOLDER FUSH0003 IN POLES AND TRANSFORMERS, "FLOOD SEAL" 600-VOLT WATERTIGHT COVER EPDM, RANGE	Each	276	\$1.84		\$1.79	\$494.04	no bid		\$1.84		\$1.79		2.01	554.76



CUTOT007	CUTOUT, 200-AMP, OPEN FUSED, 27KV, 150K BIL, 10KA	Each	5	\$208.23		no bid		\$179.91	\$899.53	\$198.31		\$179.91		\$146.55	732.75
CXAWO002	TIMBER, 3.5" X 4.5" X 8 FT. TREATED SOUTHERN YELLOW PINE, MATERIAL TO BE BANDED IN BUNDLES OF 25 EACH, SHIP ON OPEN FLATBED ONLY!	Each	16	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	23.47	0
CXAWO003	CROSSARM, WOOD, 3-3/4" X 4-3/4" X 10', 65 LBS, SHIP ON OPEN FLATBED ONLY! 8-PIN	Each	10	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	30.4	0
DAPVI001	DAMPER, VIBRATION, 3#6AW & 7#10AW, (STD. PKG. 15 EA.)	Each	204	\$18.65	\$3,804.60	\$22.70		\$29.00		\$19.81		\$18.65		\$13.74	2802.96
DAPVI003	DAMPER, VIBRATION, 556-MCM ACSR	Each	36	\$31.13	\$1,120.68	\$37.75		\$37.85		\$31.13		\$31.13	Tie	\$26.99	971.64
DAPVI004	DAMPER, VIBRATION, 954-MCM ACSR	Each	396	\$32.70	\$12,949.20	\$43.92		\$57.96		\$36.79		\$32.70		\$30.71	12161.16
DAPVI005	DAMPER, VIBRATION, 1590-MCM ACSR	Each	228	\$42.40	\$9,667.20	\$50.20		\$69.60		\$47.70		\$42.40		\$37.46	8540.88
DEACB003	DEADEND ASSEMBLY, 556, COMPRESSION BRANCH, OVAL EYE, ACSR ONLY	Each	36	\$123.93	\$4,461.48	no bid		no bid		no bid		\$123.93		137.56	4952.16
DEACB005	DEADEND ASSEMBLY, 954, COMPRESSION BRANCH, OVAL EYE, ACSR ONLY	Each	12	\$171.24	\$2,054.88	no bid		no bid		no bid		\$171.24		179.4	2152.8
DEACB007	DEADEND ASSEMBLY, 1590, COMPRESSION BRANCH, OVAL EYE, ACSR ONLY	Each	60	\$209.00	\$12,540.00	no bid		no bid		no bid		\$209.00		236.84	14210.4
ENCOD007	ENCLOSURE, SINGLE PHASE TERMINATION, 31" (DEPTH) X 34" (HEIGHT) X 40" (WIDTH), CABINET (PER JEA SPECIFICATION) WITH MOUNT FRAME FOR	Each	2	\$4,606.67		\$5,006.09		no bid		\$1,076.25	\$2,152.50	\$1,076.25		685.4	1370.8
FUSAS001	FUSE ASSEMBLY, 57" X 43" X 55", MODEL #4, FOR 25 KV SYSTEM, THREE PHASE, USES 200E AMP FUSES (SHIP TO: 2325 EMERSON ST., JAX., FL 32207)	Each	12	\$19,145.16	\$229,741.92	no bid		no bid		\$21,175.00		\$19,145.16	Outlier	17619.02	211428.24
FUSHO005	HOLDER, FUSE, ORANGE, WATERPROOF, BREAKAWAY, FOR USE IN PULLBOXES OR MANHOLES, FOR WIRE SIZES 2-14AWG. THIS IS A SELF-CONTAINED	Each	12	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	24.25	0
FUSHO006	FUSEBLOCK, PHENOLIC, CARTRIDGE CLASS H, DOUBLE POLE, MAXIMUM 30 AMP/250 VOLT, SCREW TERMINAL	Each	24	\$0.68	\$16.32	no bid		no bid		no bid		\$0.68		4.02	96.48
FUSHO007	HOLDER, FUSE, FOR 100-AMP INTERCHANGABLE FUSE CUTOUT	Each	72	\$37.73		no bid		\$34.64		\$33.26	\$2,394.72	\$33.26		\$22.66	1631.52
FUSHO009	HOLDER, FUSE, CAPACITOR FUSE, TYPE CLXP WITH HIGH & LOW CURRENT ELEMENT, 20KV MAX LINK	Each	0	\$140.00	\$0.00	no bid		no bid		no bid		\$140.00		377.87	0
FUSHO013	FUSEBLOCK, PHENOLIC, CARTRIDGE CLASS "H" FUSE, 3 POLE, MAXIMUM 30 AMP/250 VOLT, SCREW TERMINALS	Each	24	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	67.86	0
FUSHO016	FUSE, TUBE ASSEMBLY, CAPACITOR BUS/BAR MOUNTED EXPULSION TYPE FOR 7960 KV CAPACITORS	Each	660	\$20.38		\$19.51	\$12,876.60	no bid		no bid		\$19.51		19.54	12896.4
FUSHO018	FUSE, TUBE ASSEMBLY, CAPACITOR BUS/BAR MOUNTED EXPULSION TYPE FOR 9960 KV & 19900 KV CAPACITORS.	Each	324	\$30.90		\$29.60	\$9,590.40	no bid		no bid		\$29.60		35.02	11346.48
FUSHO037	FUSE END FITTINGS, FOR S&C ELECTRIC TYPE SMD-2C FUSE UNIT, 34.5 KV, UPRIGHT STYLE MOUNTING ***NO SUBSTITUTE***	Each	1	\$943.75	\$943.75	no bid		no bid		\$943.75		\$943.75	Tie	777.27	777.27
FUSHO046	HOLDER, FUSE, FOR USE WITH "CONTAMINATED ENVIRONMENT" CUTOUT ITEM CUTOT006. 27KV, 100 A RATING, B.I.L. 170	Each	12	\$34.28	\$411.36	no bid		\$52.93		\$54.05		\$34.28		\$39.99	479.88

FUSOH001	FUSE, OVERHEAD DISTRIBUTION, 23" MINIMUM LENGTH, 10T	Each	84	\$6.35		\$3.04		no bid		\$2.15	\$180.60	\$2.15		1.93	162.12
FUSOH002	FUSE, OVERHEAD DISTRIBUTION, 23" MINIMUM LENGTH, 12T.	Each	156	\$6.35		\$3.04		no bid		\$2.19	\$341.64	\$2.19		1.96	305.76
FUSOH003	FUSE, OVERHEAD DISTRIBUTION, 23" MINIMUM LENGTH, 15T.	Each	744	\$5.98		\$3.04		no bid		\$2.24	\$1,666.56	\$2.24		2	1488
FUSOH004	FUSE, OVERHEAD DISTRIBUTION, 23" MINIMUM LENGTH, 20T.	Each	972	\$5.98		\$3.04		no bid		\$2.31	\$2,245.32	\$2.31		2.07	2012.04
FUSOH005	FUSE, OVERHEAD DISTRIBUTION, 23" MINIMUM LENGTH, 25T.	Each	636	\$6.81		\$3.04		no bid		\$2.38	\$1,513.68	\$2.38		2.12	1348.32
FUSOH006	FUSE, OVERHEAD DISTRIBUTION, 23" MINIMUM LENGTH, 30T.	Each	852	\$6.81		\$3.04		no bid		\$2.43	\$2,070.36	\$2.43		2.16	1840.32
FUSOH007	FUSE, OVERHEAD DISTRIBUTION, 23" MINIMUM LENGTH, 40T.	Each	600	\$6.81		\$3.04		no bid		\$2.55	\$1,530.00	\$2.55		2.27	1362
FUSOH008	FUSE, OVERHEAD DISTRIBUTION, 23" MINIMUM LENGTH, 50T.	Each	1056	\$7.23		\$3.04		no bid		\$2.68	\$2,830.08	\$2.68		2.38	2513.28
FUSOH009	FUSE, OVERHEAD DISTRIBUTION, 23" MINIMUM LENGTH, 65T.	Each	720	\$10.28		\$3.04	\$2,188.80	no bid		\$4.08		\$3.04		3.61	2599.2
FUSOH010	FUSE, OVERHEAD DISTRIBUTION, 23" MINIMUM LENGTH, 80T.	Each	528	\$13.19		\$3.04	\$1,605.12	no bid		\$4.38		\$3.04		3.87	2043.36
FUSOH011	FUSE, OVERHEAD DISTRIBUTION, 23" MINIMUM LENGTH, 100T	Each	1308	\$12.46		\$3.04	\$3,976.32	no bid		\$4.86		\$3.04		4.31	5637.48
FUSOH012	FUSE, OVERHEAD DISTRIBUTION, 23" MINIMUM LENGTH, 200QR	Each	4	\$46.65	\$186.60	no bid		no bid		\$46.65		\$46.65	Tie	39.9	159.6
FUSOH019	FUSE, OVERHEAD DISTRIBUTION, 0.5 AMP, TRANSFORMER.	Each	72	\$6.36		\$6.20	\$446.40	\$10.64		\$11.73		\$6.20		\$5.20	374.4
FUSOH029	FUSE, OVERHEAD DISTRIBUTION, 14 AMP, TRANSFORMER.	Each	24	\$3.99		\$4.32		\$6.93		\$2.68	\$64.32	\$2.68		\$2.48	59.52
FUSOH030	FUSE, OVERHEAD DISTRIBUTION, 21.0 AMP, TRANSFORMER.	Each	48	\$3.99		\$4.32		\$7.18		\$2.68	\$128.64	\$2.68		\$2.48	119.04
FUSOH031	FUSE, OVERHEAD DISTRIBUTION, 32 AMP, TRANSFORMER.	Each	24	\$3.99		\$4.42		\$5.97		\$2.68	\$64.32	\$2.68		\$2.48	59.52
FUSOH032	FUSE, OVERHEAD DISTRIBUTION, 46 AMP, TRANSFORMER.	Each	12	\$7.01		\$6.51	\$78.12	\$8.32		\$3.68		\$3.68		\$3.40	40.8
FUSOH033	FUSE, OVERHEAD DISTRIBUTION, 100 AMP, TRANSFORMER.	Each	48	\$7.54	\$361.92	\$7.89		\$8.91		\$9.83		\$7.54		\$6.56	314.88
FUSSU038	FUSE, 6 AMPS, 250 VAC, CARTRIDGE TYPE, ONE-TIME	Each	36	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	0.49	0
FUSUG008	FUSE, ONE TIME, 10 AMP RATING, 250 VOLT FERRULE TYPE	Each	72	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	0.49	0
FUSUG009	FUSE, ONE TIME, 15 AMP RATING, 250 VOLT FERRULE TYPE	Each	36	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	0.44	0

FUSUG010	FUSE, ONE TIME, 20 AMP RATING, 250 VOLT FERRULE TYPE	Each	1356	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	0.43	0
FUSUG012	FUSE, ONE TIME, 30 AMP RATING, 250 VOLT FERRULE TYPE	Each	36	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	0.44	0
FUSUG014	FUSE, ONE TIME, 40 AMP RATING, 250 VOLT FERRULE TYPE	Each	8	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	0.71	0
FUSUG022	FUSE, BAYINET TRANSFORMER, 8 AMP FOR 1 & 3 PHASE PADS.	Each	12	\$18.21		\$17.76	\$213.12	no bid		no bid		\$17.76		9.3	111.6
GRISA003	SUSPENSION, ARMOR GRIP, ASSEMBLY, SINGLE COND. SIZE- 954 AAC	Each	48	\$101.72		\$105.43	\$5,060.64	no bid		\$108.08		\$101.72		85.08	4083.84
GUALI001	GUARD, LINE, ALUMINUM, 3#6AW SIZE 23" LG, RANGE .347" - 366"	Each	156	\$2.35		\$2.29	\$357.24	no bid		\$2.35		\$2.29		1.86	290.16
GUALI002	GUARD, LINE, ALUMINUM, 2ACSR SIZE 21" LG, RANGE .309" - 326"	Each	156	\$1.86		\$1.81	\$282.36	no bid		\$1.86		\$1.81		1.79	279.24
GUALI004	GUARD, LINE, ALUMINUM, 1/0AAAC SIZE 25" LG, RANGE .390" - .413"	Each	36	\$2.67		\$2.86		no bid		\$2.50	\$90.00	\$2.50		2.03	73.08
GUALI008	GUARD, LINE, ALUMINUM, 556ACSR SIZE 43" LG., RANGE .889" - .954"	Each	132	\$9.85	\$1,300.20	\$14.67		no bid		\$9.85		\$9.85	Tie	7.75	1023
GUYAT004	GUY ATTACHMENT, GUY PLATE, GALVANIZED, 7/8" BOLT SIZE, 20,000#	Each	168	no bid		\$41.03		\$23.38	\$3,928.18	\$26.24		\$23.38		\$18.77	3153.36
GUYFI001	GUY FITTING, SIDEWALK, POLE PLATE GALVANIZED	Each	48	\$10.61		\$9.75	\$468.00	\$17.87		\$10.00		\$9.75		\$7.89	378.72
GUYFI002	GUY FITTING, SIDEWALK, SINGLE GUY CLAMP, GALVANIZED	Each	60	\$11.05		\$8.53	\$511.80	\$19.46		\$8.75		\$8.53		\$7.84	470.4
GUYGR002	GRIP, GUY, 7/16", 28-1/2", GALVANIZED	Each	456	\$4.99	\$2,275.44	\$5.18		no bid		\$4.99		\$4.99	Tie	3.91	1782.96
GUYGR004	GRIP, GUY, 9/16", 41", GALVANIZED	Each	72	\$18.93		\$18.46	\$1,329.12	no bid		\$18.93		\$18.46		15.02	1081.44
GUYST007	STRAND, GUY, 9/16" DIA, 7 PER STRAND, GALVANIZED STEEL, 1000FT REEL, CLASS C. CODE 378 OR BEZINOL COATING (1000' REEL)	Feet	2148	\$0.95		no bid		\$0.87	\$1,879.07	no bid		\$0.87		\$0.73	1568.04
GUYST008	STRAND, GUY, 3/4" DIA, 19 PER STRAND, GALVANIZED STEEL, CLASS "C" GALV. GRADE SHALL BE EXTRA HIGH STRENGTH (1000'/REEL)	Feet	3528	\$1.76		no bid		\$1.72	\$6,084.95	no bid		\$1.72		\$1.71	6032.88
HOKCA001	HOOK, CABLE, SECONDARY CABLE TYPE GALVANIZED	Each	2	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	185.85	0
HOKCA003	HOOK, CABLE, DOUBLE TYPE, GALVANIZED HOT DIPPED, TWO (2) INCH WIRE, LOCK TYPE	Each	2124	\$10.28		\$10.05		\$8.91	\$18,924.84	\$10.31		\$8.91		\$8.93	18967.32
HOKCA004	HOOK, CABLE, TRIPLE TYPE, GALVANIZED	Each	240	\$15.05	\$3,612.00	no bid		\$13.69		\$12.19		\$12.19		\$9.74	2337.6
HOKCA005	HOOK, CABLE, QUADRUPLE TYPE, GALVANIZED P.O. #	Each	108	\$21.19		no bid		\$12.69	\$1,370.52	\$14.69		\$12.69		\$12.58	1358.64
INSCR002	CORONA RING FOR NGK 138KV AND 230KV INSULATORS, 8" (INSD002 & 003; INSSU009 & 010; INSLP013 & 014)	Each	12	\$26.44		\$25.79		no bid		\$25.18	\$302.16	\$25.18		19.41	232.92

INSDE002	INSULATOR, 230KV DEAD END SILICON SUSPENSION WITH Y-BALL COUPLING, 50,000 LB SML, ECR GLASS, L=111 INCHES, ARC DISTANCE = MIN 96 INCHES,	Each	144	\$174.38		\$172.50	\$24,840.00	\$199.53		\$196.81		\$172.50	\$143.00	20592
INSDE003	INSULATOR, SUSPENSION DEAD END, SILICON 138/230KV WITH Y-BALL COUPLING, 50,000 LB SML, ECR GLASS, L=89 INCHES, ARC DISTANCE MIN. 73	Each	24	\$171.93	\$4,126.32	\$178.21		\$174.54		\$173.98		\$171.93	\$125.44	3010.56
INSDE004	INSULATOR, SUSPENSION DEAD END, SILICON, 69/138KV WITH Y-BALL COUPLING, 50,000 LB SML, ECR GLASS, LENGTH 66 INCHES, ARC DISTANCE	Each	12	\$180.26		\$175.86		\$177.78		\$175.01	\$2,100.12	\$175.01	\$112.12	1345.44
INSDE010	INSULATOR, SUSPENSION DEAD END, SILICON, 69KV WITH Y-BALL COUPLING, 50,000 LB SML, ECR GLASS, LENGTH 43 INCHES, ARC DISTANCE MIN. 30 INCHES,	Each	1	\$115.48		\$112.65		\$117.74		\$109.98	\$109.98	\$109.98	\$83.04	83.04
INSGB006	INSULATOR, STRAIN, GUY BREAKER, 35,000# RATED, 90" ROD LENGTH, FIBERGLASS	Each	12	\$47.06		\$42.68	\$512.16	no bid		\$47.53		\$42.68	29.48	353.76
INSHP020	INSULATOR, HORIZONTAL LINE POST, SILICONE, 69 KV, GAIN TYPE BASE (SHIP TO: 2325 EMERSON ST., JAX., FL 32207) SHIP ON OPEN FLATBED	Each	216	\$196.23		\$193.47	\$41,789.52	\$238.41		\$214.91		\$193.47	\$166.39	35940.24
INSHP021	INSULATOR, HORIZONTAL LINE POST, SILICONE, 69 KV, FLAT BASE (SHIP TO: 2325 EMERSON ST., JAX., FL 32207) SHIP ON OPEN FLATBED	Each	12	\$218.93	\$2,627.16	\$226.93		\$416.60		\$221.54		\$218.93	\$170.55	2046.6
INSHP022	INSULATOR, HORIZONTAL LINE POST, SILICONE, 138 KV, FLAT BASE (SHIP TO: 2325 EMERSON ST., JAX., FL 32207) SHIP ON OPEN FLATBED	Each	24	\$292.22	\$7,013.28	\$320.73		\$595.13		\$313.10		\$292.22	\$241.03	5784.72
INSHP023	INSULATOR, HORIZONTAL LINE POST, SILICONE, 138 KV, GAIN TYPE BASE, FIBERGLASS ROD WITH RUBBER WEATHERSHEDS (SHIP TO: 2325 EMERSON ST., JAX.,	Each	12	\$309.28	\$3,711.36	\$320.59		\$553.31		\$312.96		\$309.28	\$234.72	2816.64
INSHP025	INSULATOR, HORIZONTAL LINE POST, SILICONE, 230 KV, GAIN TYPE BASE (SHIP TO: 2325 EMERSON ST., JAX., FL 32207) SHIP ON OPEN FLATBED	Each	24	\$578.01		\$553.41	\$13,281.84	no bid		\$619.30		\$553.41	487.74	11705.76
INSHP030	INSULATOR, POST WITH TRUNION, 138KV, 12 DEGREE RISE, D.A. = 50", L.D. = 145", TENSILE LOAD = 5000 LBS. (SHIP TO: 2325 EMERSON ST., JAX., FL	Each	0	\$319.01		\$311.23		\$514.86		\$306.21	\$0.00	\$306.21	\$228.00	0
INSLP012	INSULATOR, BRACED LINE POST, SILICONE, 138 KV, GAIN BASE, MINIMUM LEAKAGE DISTANCE IS 145 INCHES, MINIMUM DRY ARC DISTANCE IS 49 INCHES	Each	42	\$420.45		\$407.15	\$17,100.30	\$431.88		\$460.49		\$407.15	\$304.42	12785.64
INSLP013	INSULATOR, BRACED LINE POST, SILICONE, 230 KV, FLAT BASE, MINIMUM LEAKAGE DISTANCE IS 240 INCHES, MINIMUM DRY ARC DISTANCE IS 93 INCHES	Each	12	\$858.53	\$10,302.36	\$942.29		no bid		\$919.86		\$858.53	692.04	8304.48
INSPT002	INSULATOR, PIN TYPE, POLYETHYLENE, 35 KV, THREADED FOR 1" PINS	Each	8	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	17.03
INSSU004	INSULATOR, SUSPENSION, 10", CLASS 52-5, NEMA-STRENGTH: 30000#, GALVANIZED FITTINGS	Each	288	\$25.44	\$7,326.72	no bid		no bid		no bid		\$25.44	11.46	3300.48
INSSU007	INSULATOR, 69KV, SUSPENSION, SILICONE, Y-BALL COUPLING, ANSI52-5, 30,000#, LENGTH = 43", MIN. DRY ARC DIST. = 31", MIN. LEAKAGE DIST = 100"	Each	60	\$77.52	\$4,651.20	\$80.35		no bid		\$78.44		\$77.52	57.51	3450.6
INSSU008	INSULATOR, 138 KV, SUSPENSION, SILICONE, Y-BALL COUPLING, ANSI52-5, 30,000#, LENGTH = 66", MIN. DRY ARC DIST. = 54", MIN. LEAKAGE DIST = 150"	Each	300	\$98.59		\$96.48	\$28,944.00	\$175.81		\$110.08		\$96.48	\$77.26	23178
INSSU009	INSULATOR, 240 KV, SUSPENSION, SILICONE, Y-BALL COUPLING, ANSI52-5, 30,000#, LENGTH = 89", MIN. DRY ARC DIST = 78", MIN LEAKAGE DIST = 200" (SHIP	Each	60	\$126.89	\$7,613.40	\$139.26		\$138.84		\$135.95		\$126.89	\$100.24	6014.4
INSSU010	INSULATOR, SUSPENSION, SILICON, NEMA 3/5 Y-CLEVIS BALL END FITTINGS, ECR GLASS, 30,000 LBS SML, L=83", MIN LEAKAGE DISTANCE = 200 (SHIP	Each	60	\$123.91	\$7,434.60	\$136.00		\$178.82		\$132.76		\$123.91	\$102.43	6145.8
INSPV002	INSULATOR, VERTICAL POST, CLAMP TOP 35-KV, 3/4" STUD TAP WITHOUT COMDUCTOR CLAMP, GALVANIZED IRON BASE WITHOUT STUD,	Each	24	\$35.94		\$35.06		\$31.05	\$745.20	\$35.94		\$31.05	\$19.70	472.8
LUBGR212	GREASE, OXIDE-INHIBITING ELECTRICAL JOINT COMPOUND, PENETROX "A", 8 OZ. SQUEEZE BOTTLE	Each	36	\$6.78		no bid		\$5.85	\$210.73	\$6.45		\$5.85	\$5.77	207.72



LUBLU003	LUBRICANT, SILICONE SPRAY, 16 OZ. AEROSOL CAN, 10 OZ NET WT.	Each	60	no bid		no bid		no bid		\$15.48	\$928.80	\$15.48		14.08	844.8
LUGAR001	LUG, AERIAL FOR USE WITH 1"-14 THREADED STUD TERMINAL CONNECTOR, AERIAL WIRE RANGE #2 SOLID - 1000KCM	Each	16	\$108.40		\$164.26		\$93.66	\$1,498.52	\$103.24		\$93.66		\$79.90	1278.4
LUGGR003	LUG, 4 SOLID WIRE SIZE, 1" BOLT SIZE, TIN PLATED COPPER COMPRESSION	Each	72	\$19.89	\$1,432.08	\$20.41		no bid		\$19.89		\$19.89	Tie	16.06	1156.32
MAREL002	MARKER, ELECTRONIC THREE FOOT RANGE, RED PASSIVE-TUNED COIL ANTENNA ENCASED IN A WATERPROOF DURABLE POLYETHYLENE SHELL	Each	3576	\$8.49	\$30,360.24	\$8.50		no bid		\$8.89		\$8.49		6.84	24459.84
MOLCO001	MOLE CONNECTOR, 8 OUTLET 2500 AMPERE CAPACITY	Each	3	\$162.60	\$487.80	no bid		\$325.39		\$162.60		\$162.60	Tie	\$133.63	400.89
NUTEY004	NUT, EYE, 7/8", HOT DIPPED GALVANIZED	Each	12	\$10.85	\$130.20	\$20.09		no bid		\$20.60		\$10.85		15.69	188.28
NUTSL004	NUT, LOCK, SQUARE, 3/4" BOLT SIZE, HOT DIPPED GALVANIZED	Each	588	\$0.36		\$0.28	\$164.64	\$0.36		\$0.36		\$0.28		\$0.25	147
NUTSL006	NUT, LOCK, SQUARE, 1" BOLT SIZE HOT DIPPED GALVANIZED	Each	24	\$1.20		\$0.58	\$13.92	\$1.51		\$1.00		\$0.58		\$0.36	8.64
NUTTE002	NUT, THIMBLE EYE 3/4" HOT DIPPED GALVANIZED	Each	228	\$2.63		\$1.70	\$387.60	\$2.27		no bid		\$1.70		\$1.50	342
RACUC002	RACK, 9-HOLE, 41", UNDERGROUND CABLE GALVANIZED	Each	60	\$37.60		no bid		\$27.70	\$1,662.12	\$28.75		\$27.70		\$18.85	1131
RACUC003	RACK, 13-HOLE, 55" UNDERGROUND CABLE GALVANIZED	Each	1176	\$29.28	\$34,433.28	no bid		\$37.58		\$32.08		\$29.28		\$20.02	23543.52
RECPA004	RECEPTACLE, PADMOUNTED APPARATUS FEED THROUGH, LOADBREAK, 25KV-B.I.L. = 125KV 200-AMPS	Each	84	\$140.66		no bid		\$127.70	\$10,726.80	\$150.70		\$127.70		\$138.48	11632.32
RECSP001	RECLOSER, SINGLE-PHASE, 150KV B.I.L. 70-A, 29.7 INCH CREEP BUSHINGS, VISIBLE CURRENT RATING, 1A/3B, WITH ORANGE NON-RECLOSE HANDLE	Each	4	\$3,830.52	\$15,322.08	\$3,970.00		no bid		no bid		\$3,830.52		3404.98	13619.92
RECSP002	RECLOSER, SINGLE-PHASE, 150KV B.I.L. 200-A, 29.7 INCH CREEP BUSHINGS, VISIBLE CURRENT RATING, 1A/3B, WITH ORANGE NON-RECLOSE HANDLE	Each	12	\$3,789.33	\$45,471.96	\$3,970.00		no bid		no bid		\$3,789.33		3404.98	40859.76
RODGR003	ROD, GROUND, THREADLESS, 5/8" X 8', SHIP ON OPEN FLATBED ONLY!	Each	7332	\$9.57	\$70,167.24	\$9.90		\$12.12		\$11.24		\$9.57		\$7.93	58142.76
SAFGL053	GLOVE, RUBBER, CURVED HAND, FOR HIGH VOLTAGE (30000 V), BLACK, C/3, TYPE 1, 16" OVERALL LENGTH, SIZE 9, *** 1 EACH = 1 PAIR *** (ELECTRICAL TEST	Each	0	\$302.67		\$276.82		\$196.46	\$0.00	\$454.00		\$196.46		\$220.02	0
SAFGL054	GLOVE, RUBBER, CURVED HAND, FOR HIGH VOLTAGE (30000 V), BLACK, C/3, TYPE 1, 16" OVERALL LENGTH, SIZE 9 1/2. *** 1 EACH = 1 PAIR *** (ELECTRICAL	Each	12	\$212.21		\$276.82		\$196.46	\$2,357.52	\$343.58		\$196.46		\$220.02	2640.24
SAFGL057	GLOVE, RUBBER, CURVED HAND, FOR HIGH VOLTAGE (30000 V), BLACK, C/3, TYPE 1, 16" OVERALL LENGTH, SIZE 11, *** 1 EACH = 1 PAIR. *** (ELECTRICAL TEST	Each	36	\$252.22		\$276.82		\$196.46	\$7,072.56	\$454.00		\$196.46		\$220.02	7920.72
SAFGL077	GLOVE, RUBBER, CURVED HAND, FOR HIGH VOLTAGE (30000 V), BLACK WITH YELLOW LINING, C/3, TYPE 1, 16" OVERALL LENGTH, SIZE 12.(ELECTRICAL TEST	Pair	0	\$302.67		\$276.82		\$196.46	\$0.00	\$454.00		\$196.46		\$220.02	0
SAFGR001	GROUND, CABLE, YELLOW, 30 FOOT, 4/0 COPPER, WITH MULTIPOSITION TYPE CONNECTOR, CHANCE #C600-1732 ON ONE END, T-BAR HAND CLAP,	Each	0	\$998.80		no bid		\$555.53	\$0.00	\$612.36		\$555.53		\$466.67	0
SAFGR002	GROUND, CABLE, YELLOW, 20 FOOT, 4/0 COPPER, WITH MULTIPOSITION TYPE CONNECTOR, CHANCE #C600-1732 ON ONE END, T-BAR HAND CLAP,	Each	0	\$731.92		no bid		\$474.28	\$0.00	\$522.80		\$474.28		\$389.32	0

SAFGR003	GROUND, CABLE, YELLOW, 15 FOOT, 4/0 COPPER, WITH MULTIPOSITION TYPE CONNECTOR, CHANCE #C600-1732 ON ONE END, T-BAR HAND CLAMP,	Each	12	\$449.62		no bid		\$412.75	\$4,953.05	\$454.98		\$412.75		\$384.88	4618.56
SAFGR004	GROUND, CABLE, YELLOW, 15 FOOT, 4/0 COPPER, WITH MULTIPOSITION TYPE CONNECTOR, CHANCE #C600-1732 ON BOTH ENDS.	Each	12	\$537.05		no bid		\$493.01	\$5,916.11	\$543.44		\$493.01		\$466.74	5600.88
SAFGR005	GROUND, CABLE, YELLOW, 10 FOOT, 4/0 COPPER, WITH MULTIPOSITION TYPE CONNECTOR, CHANCE #C600-1732 ON BOTH ENDS.	Each	0	\$749.02		no bid		\$508.02	\$0.00	\$559.99		\$508.02		\$411.78	0
SAFGR006	GROUND, CABLE, YELLOW, 7 FOOT, 4/0 COPPER, WITH MULTIPOSITION TYPE CONNECTOR, THREADED AND SHROUDED COPPER FERRULES, CHANCE #C600-	Each	12	\$564.16	\$6,769.92	no bid		no bid		\$604.45		\$564.16		407.85	4894.2
SAFGR007	GROUND, CABLE, YELLOW, 5 FOOT, 4/0 COPPER, WITH MULTIPOSITION TYPE CONNECTOR, CHANCE #C600-1732 ON BOTH ENDS.	Each	12	\$573.67	\$6,884.04	no bid		no bid		\$585.48		\$573.67		393.96	4727.52
SAFHO004	CONNECTOR, LINE HOSE, UBANGI, 1.5" HOSE SIZE, 10 1/2" LENGTH	Each	0	\$126.11		\$115.34	\$0.00	\$151.25		\$118.23		\$115.34		\$89.07	0
SAFHO007	HOSE, LINE, UBANG, ORANGE, 1.5" HOSE BY 6' LONG WITH RIB GRIP LOCKING SYSTEM, 30 KV, Class 3	Each	72	\$174.68	\$12,576.96	\$191.71		\$247.50		\$196.51		\$174.68		\$129.58	9329.76
SAFHP001	HOOD, POST TOP INSULATOR, UBANG, 15-3/4" OVERALL HEIGHT X 6-1/2" ID 40 KV RATING	Each	0	\$213.87		\$195.60	\$0.00	\$256.45		\$200.50		\$195.60		\$152.52	0
SHAAN001	SHACKLE, ANCHOR, 5/8", 25,000#, GALV.	Each	60	\$4.90		\$4.78		no bid		\$4.76	\$285.60	\$4.76		3.55	213
SHAAN002	SHACKLE, ANCHOR, 3/4", 35,000#, GALV.	Each	84	\$7.50		\$7.31		\$8.80		\$7.29	\$612.36	\$7.29		\$5.55	466.2
SHAAN004	SHACKLE, ANCHOR, 3/4", 60,000#, GALV.	Each	36	\$16.34		\$15.93		no bid		\$15.89	\$572.04	\$15.89		10.93	393.48
SHACH001	SHACKLE, CHAIN, 7/8", 35,000# GALVANIZED WITH CLEVIS PIN	Each	12	\$12.04		no bid		\$14.74		\$11.70	\$140.40	\$11.70		\$8.09	97.08
SLEAJ005	SLEEVE, 954 ACSR 54/7, ALUMINUM JUMPER, COMPRESSION SPLICE, NON-TENSION ONLY	Each	12	\$38.58		no bid		\$33.33	\$399.95	\$36.74		\$33.33		\$26.68	320.16
SLEAJ007	SLEEVE, 1590 ACSR 54/19, ALUMINUM JUMPER, COMPRESSION SPLICE, NON-TENSION ONLY	Each	12	\$52.34		no bid		\$45.22	\$542.64	\$49.85		\$45.22		\$33.76	405.12
SLECI001	SLEEVE, 4/0 COPPER JUMPER, COMPRESSION, NON-TENSION ONLY	Each	228	\$2.40	\$547.20	\$2.52		no bid		\$2.40		\$2.40	Tie	2.11	481.08
SLEFT004	SLEEVE, 2/0, FULL-TENSION ALUMINUM COMPRESSION TYPE	Each	10	\$6.09		no bid		\$4.94	\$49.36	\$5.44		\$4.94		\$4.07	40.7
SLEFT006	SLEEVE, 4/0 7-STR AAAC, FULL-TENSION ALUMINUM, COMPRESSION TYPE	Each	4	\$15.95		\$18.96		\$12.92	\$51.67	\$14.24		\$12.92		\$13.24	52.96
SLEFT010	SLEEVE, 556.5 ACSR 24/7, FULL-TENSION ALUMINUM, COMPRESSION TYPE TO INCLUDE THE SLEEVE AND INSERT	Each	60	\$70.25		no bid		\$64.49	\$3,869.21	\$71.09		\$64.49		\$49.49	2969.4
SLERE003	SLEEVE, 954 AAC 61-STR., REPAIR	Each	1	no bid		no bid		no bid		\$35.66	\$35.66	\$35.66		27.28	27.28
SLESE007	SLEEVE, YELLOW TO YELLOW SERVICE 1/0-1/0 SERVICE ENTRANCE, COMPRESSION TYPE A =.362"-.398", B =.362"-.398"	Each	1500	\$0.36	\$540.00	\$0.65		\$0.44		\$0.36		\$0.36	Tie	\$0.28	420
SOCEY004	SOCKET, EYE, 52-3 & 4 NEMA, FORGED STEEL GALVANIZED, LAPP P/N 36912	Each	204	\$4.51		\$4.40		no bid		\$4.39	\$895.56	\$4.39		3.06	624.24

SPAAC001	SPACER, AERIAL CABLE, 35 KV OR LESS,	Each	1	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	48.82	0
SPDEX001	SPADE EXTENSION, 1250 AMP, SOLID COPPER TIN PLATED BAR (NO SUB)	Each	72	\$97.67		no bid		\$89.66	\$6,455.64	\$98.84		\$89.66		\$76.64	5518.08
SPDEX005	SPADE EXTENSION, 18" X 3" X .75", SOLID COPPER TIN PLATED BAR (NO SUB), APPROVAL DRAWING REQUIRED WITH BID.	Each	3	\$313.58		no bid		\$270.93	\$812.79	no bid		\$270.93		\$202.95	608.85
SPLAC003	SPLICE, AUTOMATIC COPPER, #3 SOL, 4 STR, CW- 6A	Each	36	\$3.80		\$3.70		\$3.97		\$3.69	\$132.84	\$3.69		\$3.12	112.32
SPLAC005	SPLICE, AUTOMATIC COPPER, #1 SOL, 2 STR, CW- 4A,	Each	36	\$6.43		\$6.26		\$6.94		\$6.24	\$224.64	\$6.24		\$5.38	193.68
SPLAC007	SPLICE, AUTOMATIC COPPER, 2/0-SOL. 1/0-STR. CW- 2A	Each	24	\$11.68		\$11.39		\$12.67		\$11.34	\$272.16	\$11.34		\$9.55	229.2
SPLAC008	SPLICE, AUTOMATIC COPPER, 3/0-SOL. 2/0-STR.	Each	19	\$12.20		\$11.90		\$13.23		\$11.85	\$225.15	\$11.85		\$9.88	187.72
SPLAC009	SPLICE, AUTOMATIC COPPER, 4/0-SOL. 3/0-STR.	Each	12	\$26.16		\$25.52		\$28.08		\$25.41	\$304.92	\$25.41		\$21.52	258.24
SPLAC011	SPLICE, AUTOMATIC COPPER, 500 STR,	Each	12	\$118.55		no bid		\$102.43	\$1,229.13	\$112.90		\$102.43		\$76.25	915
SPLAU003	SPLICE, AUTOMATIC, 7/16" GUY STRAND, FULL-TENSION	Each	72	\$24.83		\$24.21		\$25.52		\$24.13	\$1,737.36	\$24.13		\$18.98	1366.56
SPLAU006	SPLICE, AUTOMATIC, AAAC, 2/0 - 3/0, FULL-TENSION	Each	12	\$17.58		no bid		\$15.18	\$182.22	\$16.74		\$15.18		\$11.63	139.56
SPLKT003	SPLICING AND REPAIR KIT, 600 VOLT SECONDARY, SIZE- 4/0 CU OR AL.,	Each	12	no bid		no bid		no bid		\$74.99	\$899.88	\$74.99		100.98	1211.76
SPLKT004	SPLICING AND REPAIR KIT, 600 VOLT SECONDARY, SIZE- 350 MCM CU. OR AL.	Each	132	no bid		no bid		no bid		\$99.26	\$13,102.32	\$99.26		129.86	17141.52
SPLKT005	SPLICING AND REPAIR KIT, 600 VOLT SECONDARY, SIZE- 500 MCM	Each	108	no bid		no bid		no bid		\$96.44	\$10,415.52	\$96.44		132.94	14357.52
SPLKT007	SPLICING AND REPAIR KIT, SUBMERSIBLE, SECONDARY VOLTAGE, 2/0-500MCM W/EPDM (MAINTENANCE ONLY)	Each	240	\$25.35		\$11.68	\$2,803.20	no bid		\$26.94		\$11.68		18.89	4533.6
SPLST003	SPLICE, 750-750 AL-5KV, STRAIGHT, SHIELDED AND SUBMERSIBLE, 5-KV CLASS	Each	0	No Bid ALL		No Bid ALL		No Bid ALL		No Bid ALL		\$0.00	No Bid ALL	360.93	0
SPLTR006	SPLICE, TRANSITION, 15 KV, FOR TRANSITION SPLICE OF JACKETED 3/C COMPACT SECTOR 400 CU. P.I.L.C. TO SINGLE CONDUCTOR 1/C 1000 AL TRXLPE	Each	1	\$1,647.80	\$1,647.80	no bid		no bid		\$2,027.43		\$1,647.80		1475.68	1475.68
SPLWV004	SPLICE, WYE, 600-AMP, 3-WAY INSULATED BUSS BAR WITH TEST POINT 15-KV 750-750-350	Each	0	\$651.31		\$550.00	\$0.00	no bid		no bid		\$550.00		712.93	0
STIWE001	STIRRUP, WEDGE, SIZE- 336, MIN. BAIL SIZE- 2/0 SOL	Each	204	\$45.71	\$9,324.84	no bid		no bid		\$51.43		\$45.71		32.31	6591.24
SUPSH001	SUPPORT, SHIELD WIRE, GALVANIZED	Each	48	no bid		\$39.93	\$1,916.64	no bid		\$40.94		\$39.93		25.67	1232.16
SWEHO016	SWITCH, HOOK OPERATED, BY-PASS, 600 AMP, 15-KV	Each	2	\$1,286.22	\$2,572.44	\$1,333.28		no bid		no bid		\$1,286.22		1088.33	2176.66

SWEHO017	SWITCH, HOOK OPERATED, BY-PASS, 600 AMP, 35-KV	Each	12	\$1,343.21		\$1,285.00	\$15,420.00	no bid		no bid		\$1,285.00		1191.5	14298
SWEIN002	INTERRUPTER, SWITCH, "SAF-T-GAP" FOR VERTICAL PHASE-OVER-PHASE SWITCH (BRIDGES). INTERRUPTER TO CONVERT GROUP OPERATED	Each	60	\$342.39	\$20,543.40	\$335.00		no bid		\$393.75		\$335.00	Outlier	287.92	17275.2
SWEPA001	SWITCHGEAR, PADMOUNT, 3 PHASE, (4) SETS OF 600 AMP, MODEL #10 - (SHIP TO: 2325 EMERSON ST., JAX., FL 32207), PMH 10	Each	3	\$22,618.28	\$67,854.84	no bid		no bid		\$25,018.75		\$22,618.28	Outlier	20859.55	62578.65
SWEPA002	SWITCHGEAR, PADMOUNT, 3 PHASE, (3) SETS OF 600 AMP WITH (1) 200E AMP (MAX) POWER FUSE COMPARTMENT AND HOLDERS, MODEL #11 -	Each	12	\$25,967.74	\$311,612.88	no bid		no bid		\$28,725.00		\$25,967.74	Outlier	23875.83	286509.96
SWEPA003	SWITCHGEAR, PADMOUNT, 3 PHASE, (2) SETS OF 600 AMP WITH (2) 200E AMP (MAX) POWER FUSE COMPARTMENT AND HOLDERS, MODEL #9 -	Each	24	\$29,978.49	\$719,483.76	no bid		no bid		\$33,156.25		\$29,978.49	Outlier	27560.63	661455.12
SWEPA005	SWITCHGEAR, PADMOUNTED, S & C PMH-5 SPECIAL APPLICATION, 25KV, 600AMP, ONE 3-POLE MINI RUPTER SWITCH, THREE 200E FUSES, (SHIP TO:	Each	0	no bid		no bid		no bid		\$44,137.50	\$0.00	\$44,137.50		36803.28	0
SWEPA009	SWITCHGEAR, PADMOUNT, LIFE FRONT, 3-PHASE W/AUTOMATIC SOURCE TRANSFER, 25KV CLASS, 125 KV BIL, 600 AMP CONTINUOUS (PMH-9 STYLE)	Each	1	\$114,107.53	\$114,107.53	no bid		no bid		\$130,050.00		\$114,107.53	Outlier	108107.4	108107.4
SWEPA010	SWITCHGEAR, PADMOUNT, LIFE FRONT, 3-PHASE WITH REMOTE SUPERVISOR 25KV CLASS, 125 KV BIL, 600 AMP CONTINUOUS (PMH-3) STYLEWITH SCADA	Each	0	\$50,627.78	\$0.00	no bid		no bid		\$54,187.50		\$50,627.78		45187.64	0
SWEUN001	SWITCH, UNDERHUNG, HOOK DISCONNECT, 15KV 600-AMP - SWITCH AND HARDWARE MUST BE PACKAGED IN A SINGLE CARDBOARD BOX	Each	12	\$220.34	\$2,644.08	\$228.40		\$259.35		\$237.50		\$220.34		\$165.31	1983.72
TAGCA005	TAG, BLANK OVERHEAD & URD SECONDARY CABLE TAGS, 2" X 2.5", WHITE, PACKAGE IS 25 EACH PER KIT. *** PURCHASE BY THE EACH ***	Each	3383	no bid		no bid		no bid		\$2.33	\$7,882.39	\$2.33		0.68	2300.44
TEECO003	TEE, COMPRESSION CONNECTOR - OPEN RUN TYPE 556-MCM RUN, 556-MCM TAP, ACSR.	Each	0	\$62.05	\$0.00	no bid		no bid		\$84.62		\$62.05		49.13	0
TEEDE002	TEE, MALLEABLE IRON, FOR WOOD POLE APPLICATION DEADEND AND GUYING,HOT-DIP GALVANIZED, 6" HOLE SPACING, STRENGTH AT 45-	Each	120	\$20.56		\$20.06		no bid		\$19.99	\$2,398.80	\$19.99		16.18	1941.6
THECS008	REJACKET KIT, COLD SHRINK PRODUCT, TUBING INSTALL LENGHT 41", RANGE 1.15" X 3.00" SEALANT WATER BLOCK USED WITH 1/0 PRIMARY SPLICE.	Each	24	\$68.60	\$1,646.40	\$72.17		no bid		\$73.47		\$68.60		51.3	1231.2
THEHS003	THERMOFIT, HEAT SHRINK PRODUCTS, END CAP 3-3/4" LENGTH, 2.0" X 1.0"	Each	324	\$5.35	\$1,733.40	\$5.21		no bid		\$6.68		\$5.21		2.1	680.4
THEHS004	THERMOFIT, HEAT SHRINK PRODUCTS, END CAP 5-1/2" LENGTH, 3.6" X 1.75"	Each	300	\$5.55		\$5.41	\$1,623.00	no bid		\$5.55		\$5.41		4.36	1308
THEHS005	THERMOFIT, HEAT SHRINK PRODUCTS, TUBING 12" LENGTH, 1.1" X 0.35"	Each	72	\$5.29		\$5.15	\$370.80	no bid		\$5.29		\$5.15		1.24	89.28
THEHS006	THERMOFIT, HEAT SHRINK PRODUCTS, TUBING 9" LENGTH, 2.0" X 0.65" SEALANT COATED	Each	2	\$10.52		\$9.62	\$19.24	no bid		\$12.41		\$9.62		1.78	3.56
THEHS012	THERMOFIT, HEAT SHRINK PRODUCTS, WRAP 36" LENGTH, 2.7" X .95"	Each	2	\$34.68		\$31.71	\$63.42	no bid		\$32.51		\$31.71		21.71	43.42
THIEY001	THIMBLEYELET, 3/4", MALLEABLE IRON, HOT DIPPED, GALVANIZED, ***STD PKG 25 EACH ***	Each	96	\$4.93		\$4.80		\$5.40		\$4.79	\$459.84	\$4.79		\$2.87	275.52
THIEY002	THIMBLEYE, TWIN, 1" DIAMETER	Each	72	\$8.76		\$8.54		\$8.01	\$576.98	\$8.51		\$8.01		\$5.75	414
TIEPR004	TIE, PREFORMED LINE, 336 AAC, 23" MIN. LENGTH, "F" NECK, SIDE TIE .589"-.667" COND. RANGE ** STANDARD PACK IS 100 EACH **	Each	36	\$4.98		\$4.85	\$174.60	no bid		\$4.98		\$4.85		4.42	159.12



TIEPR006	TIE, PREFORMED LINE, #2 AAAC, 22" MIN. LENGTH, "F" NECK, TOP TIE .315"-.327" COND. RANGE	Each	96	\$3.00		\$2.92	\$280.32	no bid		\$3.00		\$2.92		2.61	250.56
TIEPR009	TIE, PREFORMED LINE, 336 AAC, 29" MIN. LENGTH, "F" NECK, TOP TIE .665"-.705" COND. RANGE	Each	12	\$4.96		\$4.53	\$54.36	no bid		\$5.44		\$4.53		3.77	45.24
TIEPR010	TIE, PREFORMED LINE, 636 AAC, 22" MIN. LENGTH, "F" NECK, TOP TIE .901"-.958" COND. RANGE	Each	36	\$4.31		\$4.20	\$151.20	no bid		\$4.31		\$4.20		3.42	123.12
TRMCA019	TERMINATOR, CABLE, 35-KV, 350-KCM FOR PADMOUNT EQUIPMENT INSTALLATIONS WITH NEMA 2-HOLE CRIMP ON CONNECTOR	Each	12	\$228.76		no bid		no bid		\$107.66	\$1,291.92	\$107.66		114.32	1371.84
TRMKT003	TERMINATOR KIT, COLD SHRINK, 69KV, 1500MCM & 2000MCM, TO BE PROVIDED WITH (1) ANDERSON ALUMINUM COMPRESSION TERMINAL - #CCLS- 1424-	Each	2	no bid		no bid		no bid		\$3,393.70	\$6,787.40	\$3,393.70		5237.83	10475.66
WASFH400	WASHER, 3/8", FLAT ROUND, 1 3/16 X 1/16, SILICON BRONZE HS, PER ASTM-B99 ***PACKAGE OF 100 EACH*** NO SUBSTITUTE	Each	1272	\$0.40		\$0.29	\$368.88	\$0.34		\$0.30		\$0.29		\$0.24	305.28
WASLO022	WASHER, LOCK, 1/2" BOLT SIZE, BRONZE/TIN PLATED 100-EACH PER BOX/BAG	Each	216	\$0.44		\$0.40	\$86.40	no bid		\$0.44		\$0.40		1.08	233.28
WASLO023	WASHER, LOCK, SHAKE PROOF, 1/2" BOLT SIZE, BRONZE INTERNAL TEETH, TIN PLATED 100-EACH PER BOX/BAG	Each	888	\$0.33		\$0.31	\$275.28	no bid		\$0.35		\$0.31		0.25	222
WASRD001	WASHER, ROUND, 1/2" BOLT SIZE, BRONZE - TIN PLATED, 1-1/4" OD	Each	588	\$0.83		\$0.80	\$470.40	no bid		\$0.85		\$0.80		1.1	646.8
WASRD002	WASHER, ROUND, 3/8" BOLT SIZE X 1" DIA, GALVANIZED. ( 100 EACH PER BAG/BOX)	Each	4968	\$0.05		\$0.02	\$99.36	\$0.05		\$0.06		\$0.02		\$0.03	149.04
WASRD007	WASHER, ROUND, 1" BOLT SIZE X 2 1/2" DIAMETER, GALVANIZED	Each	168	\$1.35		\$0.29	\$48.72	\$1.17		\$0.30		\$0.29		\$0.26	43.68
WASSC001	WASHER, SQUARE CURVED, 5/8" OR 3/4" BOLT SIZE, RIBBED MALLEABLE IRON-GALVANIZED, 4" X 4" SIZE	Each	96	\$3.15		\$2.07	\$198.72	no bid		\$2.13		\$2.07		0.66	63.36
WASSC002	WASHER, SQUARE CURVED, 7/8" BOLT SIZE, RIBBED MALLEABLE IRON-GALVANIZED, 4" X 4" SIZE	Each	1068	\$1.61		\$1.57		\$4.20		\$1.46	\$1,559.28	\$1.46		\$1.23	1313.64
WASSC003	WASHER, SQUARE CURVED, 1" BOLT SIZE RIBBED MALLEABLE IRON-GALVANIZED, 4" X 4" SIZE	Each	24	\$3.48	\$83.52	\$3.18		no bid		\$3.18		\$3.18	Tie	2.5	60
WASSF001	WASHER, SQUARE FLAT, 2" SQ X 1/8", 1/2" BOLT SIZE, GALVANIZED	Each	120	\$0.17	\$20.40	\$0.18		\$0.27		\$0.20		\$0.17		\$0.14	16.8
WASSP006	WASHER, SPRING, 7/8" BOLT SIZE, LEAF TYPE, GALVANIZED	Each	288	\$2.95		\$1.70	\$489.60	\$2.55		\$2.81		\$1.70		\$0.16	46.7712
YOKPL003	YOKE PLATE, SUSPENSION, TRIANGULAR STRA IN, 16" INSULATOR SPACING, 40000H, GALVA NIZED, 15/16" HOLE DIA	Each	5	\$74.90	\$374.50	\$176.12		no bid		\$74.90		\$74.90	Tie	143.1	715.5
				\$1,869,131.70			\$483,680.49			\$206,464.52			\$321,151.73		
													\$2,420,144.25		



## Formal Bid and Award System

Award #11 June 30, 2022

**Type of Award Request:** CONTRACT AMENDMENT  
**Requestor Name:** Hightower, Justin – Manager, Fleet Services  
**Requestor Phone:** (904) 665-8357  
**Project Title:** JEA Light and Medium Duty Vehicle Procurement Acquisition  
**FY 23 Project Numbers:** TBD - 211-W (Fleet-Replacement-W) & 211-E (Fleet-Replacement-E)  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$902,000.00

### Scope of Work:

The purpose of this contract amendment is to modify the original Award amount from the October 28, 2021 Award Committee. The original Invitation For Bid (the "IFB") was to solicit pricing for the purchase of sixty-two (62) vehicles within the vehicle class categories of 116, 116X, 117, 117C, 117X, 122, 122+, and 130 for JEA's fleet capital requirements for replacement for the Electric and Water departments and expansion for the Electric and Water department. This amendment is for the planned and budgeted replacement of Class 130 -1 Ton Cargo Vans for Fleet Water Replacement (3 vehicles) and Fleet Electric Replacement (12 vehicles).

**JEA IFB/RFP/State/City/GSA#:** 1410440046-22  
**Purchasing Agent:** Pearson, Kenny R.  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Original Award Amount	Change Amount	Total Contract Amount
DUVAL FORD	Bambi Darr	bambi.darr@duvalfleet.com	1615 Cassat Ave. Jacksonville, FL 32210	\$1,996,149.00	\$0.00	\$1,996,149.00
GARBER FORD INC	Todd Brandt	tbrandt@garberautomall.com	3340 Highway 17 Green Cove Springs, FL 32043	\$619,317.00	\$986,415.00	\$1,605,732.00

**Amount of Original Award:** \$2,615,466.00  
**Date of Original Award:** 10/28/2021  
**Change Order Amount:** \$986,415.00  
**Length of Contract/PO Term:** Project Completion (September 2023 Estimate)  
**Begin Date (mm/dd/yyyy):** 11/01/2021  
**End Date (mm/dd/yyyy):** Project Completion (September 2023 Estimate)  
**JSEB Requirement:** N/A – No JSEBs available

**Background/Recommendations:**

Originally approved by the Awards Committee on October 28, 2021. Previous award is attached as backup.

The purpose of this contract amendment is to capture the needs of JEA given the market volatility within the auto industry. Ford Motor Company opened its dealer allocation and order bank on May 31, 2022, much earlier than expected. For the FY23 needs, a decision was made to work with the previous awardee of these same assets for the FY22 to procure the items in lieu of a new solicitation, given JEA would not have enough time to do a formal solicitation and ensure their order would be placed in a timely manner. Garber Ford Inc. has been a historically well performing vendor for quality of work, timeliness of deliveries, as well as historically been very competitive in pricing.

When Fleet planned for the FY23 Budget for the fifteen (15) Class 130 Vans, they estimated a 15% increase in pricing from the FY22 solicitation prices. When Fleet met with Ford corporate representatives in the beginning of June, they were informed to expect a 40% increase in the price of vans. In addition, the essential racking / shelving used in upfitting was expected to be significantly higher than previous builds as well due to labor, raw materials, and transportation cost increases. The actual cost increase for the complete units came in at 26.2% or \$781,412.00 across all assets. The increase in price accounts for the discrepancy in the budgeted amount and the actual cost of the vans.

Upfit Package	FY22 Price	FY23 Price	Order Qty	FY23 Extended Price	% Increase
A	\$48,464.00	\$60,467.00	4	\$241,868.00	24.8%
C	\$54,663.00	\$68,692.00	6	\$412,152.00	25.7%
G	\$52,023.00	\$65,354.00	4	\$261,416.00	25.6%
H	\$51,486.00	\$70,979.00	1	\$70,979.00	37.9%
			<b>Total</b>	\$805,014.00	26.2%

Given the sizeable increase in year-over-year cost increases, in an effort to ensure JEA that they are still cost competitive, Garber Ford has committed to a consistent markup between the FY22 units originally awarded through a competitive bid are applied to the FY23 units found in this award. At invoicing, JEA will review with Garber Ford a reconciliation of the true costs of the items being delivered, and adjust either upward or downward to maintain consistency.

Request approval to award a contract amendment with Garber Ford Inc. for the purchase of fifteen (15) Class 130 Vans for FY 23 in the amount of \$986,415.00, for a total not-to-exceed amount of \$3,601,881.00, subject to the availability of lawfully appropriated funds.

**Manager:** Hightower, Justin - Manager Fleet Services  
**Director:** Brunell, Baley – Director, Facilities and Fleet Services  
**VP:** McElroy, Alan - VP of Supply Chain and Operations Support

**APPROVALS:**

<u><i>Hai X. Vu</i></u>	06/30/2022
-------------------------	------------

<b>Vice Chairman, Awards Committee</b>	<b>Date</b>
--	-------------

<u><i>Laure A Whitmer</i></u>	6/30/22
-------------------------------	---------

<b>Budget Representative</b>	<b>Date</b>
------------------------------	-------------



## Formal Bid and Award System

Award #4 October 28, 2021

**Type of Award Request:** INVITATION FOR BID (IFB)  
**Requestor Name:** Hightower, Justin  
**Requestor Phone:** (904) 665-8357  
**Project Title:** JEA Light and Medium Duty Vehicle Procurement Acquisition  
**Project Numbers:** 8007294 (211-E), 8007295 (211-02E), 8007344 (211-W), & 8007352 (211-02W)  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$2,581,596.00  
**Scope of Work:**

The purpose of this Invitation For Bid (the "IFB") is to solicit pricing for the purchase of sixty-two (62) vehicles within the vehicle class categories of 116, 116X, 117, 117C, 117X, 122, 122+, and 130 for JEA's fleet capital requirements for replacement for the Electric and Water departments and expansion for the Electric and Water department. During the solicitation process, it was determined to be in the best interests for JEA to proceed with an award of only the following subset of assets:

- Electric Replacement – 35 Units 8007294)
- Electric Expansion – 19 Units (8007295)
- Water Replacement – 2 Units (8007344)
- Water Expansion – 6 Units (8007352)

**JEA IFB/RFP/State/City/GSA#:** 1410440046-22  
**Purchasing Agent:** Pearson, Kenny R.  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Amount
DUVAL FORD	Bambi Darr	bambi.darr@duvalfleet.com	1615 Cassat Ave. Jacksonville, FL 32210	\$1,996,149.00
GARBER FORD INC	Todd Brandt	tbrandt@garberautomall.com	3340 Highway 17 Green Cove Springs, FL 32043	\$619,317.00

**Amount for entire term of Contract/PO:** \$2,615,466.00  
**Award Amount for remainder of this FY:** \$2,455,986.00  
**Length of Contract/PO Term:** Project Completion  
**Begin Date (mm/dd/yyyy):** 11/01/2021  
**End Date (mm/dd/yyyy):** Project Completion  
**JSEB Requirement:** N/A – No JSEBs available



**BIDDERS:**

Name	Original Bid Amount	# of Vehicle Groupings Bid	Proposed Award Amount	# of Vehicle Groupings to be Awarded
DUVAL FORD	\$1,996,149.00	2	\$1,996,149.00	2
GARBER FORD INC	\$619,317.00	1	\$619,317.00	1

**Background/Recommendations:**

Advertised on 10/01/2021. At Response opening on 10/26/2021, JEA received two (2) responses. During the bidding process, JEA eliminated all Liquidated Damages (LDs) from the solicitation as well as extended the bid one (1) week in response to supplier feedback to encourage more competition. This was done via addendum prior to bid opening after discussions with the supplier base. JEA still only received two bids. Volatility and uncertainty in the market has been the common theme when discussing lack of participation with prospective bidders.

The basis of award is to contract with the lowest cost Respondent for each light and medium duty vehicle groupings included in this solicitation; companies were encouraged to bid multiple groupings for efficiency. Three (3) original groupings were included in the solicitation, but only two (2) of the three (3) groupings were bid on by Duval Ford and only one (1) of the three (3) groupings were bid on by Garber Ford Inc. and no grouping was bid by the other vendor. A copy of the detailed bid analysis is attached as backup and the proposed award breakout by vehicle grouping is identified below:

Vehicle Grouping	Vehicles	Proposed Awardee	Award Price
Group 1	½ Ton Trucks (116, 116X, 117, 117C, & 117X)	DUVAL FORD	\$1,488,071.00
Group 2	1 Ton Vans (130)	GARBER FORD INC	\$619,317.00
Group 3	1 Ton Trucks (122 & 122+)	DUVAL FORD	\$508,078.00

It should be noted that these grouping are all items previously not bid by any supplier during a previous solicitation; the items during that solicitation were awarded September 30, 2021. In response to that solicitation, alternative sourcing strategies were implement to meet supplier feedback on how they would need a bid structured to participate given current market complexities. The changes are listed below:

- Changed the sourcing method from ITN to IFB for a more simplistic bid and faster turnaround time.
- Eliminated the LDs previously listed at \$100/day.
- Eliminated hard dates for delivery in this solicitation.
- Revised language on LED lighting and tow hooks as optional to up-fitting.
- Converted the Chevrolet to Ford F-series since Chevrolet is no longer taking FY22 orders.

When comparing JEA's past pricing to the proposed winning supplier for each respective grouping, on average JEA's new pricing will be nine percent (9%) higher, largely based on inflation and current market conditions. This percentage was determined by taking the last price paid and comparing those prices to the quoted unit prices of this solicitation from FY20 through FY21 purchases. There were some units where no direct past pricing information was available for comparison purposes, as the exact assets had never been

purchased prior to this solicitation; those items used an estimated cost model based on what we believe those features cost and those modeled costs were included in the calculations when determining the increase. JEA will see a cost increase of \$218,341.00 across comparable light and medium duty vehicles. Feedback during the solicitation indicated that previous incentives for government purchases have been suspended by most OEMs to combat rising costs in the supply chain. While incentives will most likely return in the future, this timeline is not certain and vehicle costs will continue to rise. Even though we are in a market that is topsy-turvy, our budget estimate was only exceeded by \$33,870.

We believe it is in the best interest of JEA to move forward with award to groupings one (1), two (2) & three (3) as proposed despite low competition, as we believe pricing is reasonable with current market conditions. Grouping One (1) consisting of the vehicle class categories of 116, 116X, 117, 117C, & 117X for JEA's FY 22 fleet capital requirements in the amount of \$1,488,071.00 to Duval Ford, Grouping Two (2) consisting of the vehicle class category of 130 for JEA's fleet capital requirements in the amount of \$619,317.00 to Garber Ford Inc, and Grouping Three (3) consisting of the vehicle class categories of 122 & 122+ for JEA's FY 22 fleet capital requirements in the amount of \$508,078.00 to Duval Ford. It should be noted that Duval Ford was the largest awardee on the FY21 solicitation performed in 2020 and the awardee on an earlier FY22 Light and Medium Duty solicitation that was awarded September 30, 2021. Duval Ford and Garber Ford Inc. has also been a historically well performing vendors for both quality of work and timeliness of capital purchases, and historically very competitive in past solicitations as well.

1410440046 - Request approval to award a contract to Duval Ford and Garber Ford Inc. for the combined purchase of Sixty-two (62) vehicles found within vehicle class categories of 116, 116X, 117, 117C, 117X, 122, 122+, & 130 for JEA's Light and Medium Duty Fleet Capital Purchases for a total not-to-exceed amount of Duval Ford in the amount of \$1,996,149.00 and Garber Ford Inc. in the amount of \$619,317.00 for a total of \$2,615,466.00, subject to the availability of lawfully appropriated funds.

**Manager:** Hightower, Justin - Manager, Fleet Services & Business Operations

**VP:** McElroy, Alan - VP of Supply Chain and Operations Support

**APPROVALS:**

 10/29/21

Chairman, Awards Committee

Date

 10/29/21

Budget Representative

Date

ABRAC CATEGOR	Proj/Year	Item Number	Item Name	DESCRIPTION	CLASS CODE	Rate	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	IJ	JK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LL	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	IJ	JK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LL	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	IJ	JK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LL	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT
------------------	-----------	----------------	-----------	-------------	------------	------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----