Welcome to the

JEA Awards Meeting

December 14, 2023, 10:00 AM EST

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

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

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

Please contact Aileen Cruz by telephone at (904) 776-1911 or by email at cruza@jea.com if you experience any technical difficulties during the meeting.

JEA Awards Agenda, December 14, 2023
225 North Pearl St., Jacksonville, FL 32202 - Hydrangea Room 1st Floor

Teams Meeting Info

Consent Agenda

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

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Funding Source	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term (Projected) Start Date - End Date	JSEB Participation (Y/N) If Y, then list company name(s)
1	**Minutes**	**Minutes from 05/11/2023 Meeting**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	N/A	N/A	N/A
2	**Contract Increase**	**1410764646 - CMAR Services for SIPS - Greenland 30" WM, Davis 30" RMW & Burnt Mill 24" FM Projects**	**Melendez**	**Garney Companies, Inc.**	**Capital**	**$43,350,857.96**	**$625,057.00**	**$53,655,457.09**	04/20/2023 - $8,142,183.93 06/23/2023 - $805,157.00 12/07/2023 - $732,201.20	Project Completion Start Date: 10/17/2022 End Date: 04/15/2026	D and J Erosion Control Specialists, Inc. (Erosion Control) - $50,000.00 DJ Contracting of Jacksonville, Inc. (Trucking) - $900,000.00 Garmon Trucking, Inc. (Trucking) - $300,000.00 ONAS Corporation (Concrete Flatwork) - $150,000.00
	Last Awarded: 12/07/2023 For additional information contact: Marline McDonald The scope of work for this contract includes pre-construction phase services and construction of approximately 41,200 LF of 30 inch raw water transmission piping and fittings, 16,300 LF of 30 inch reclaim water piping, 1,150 LF 24 inch of force main, a new 1.1 Mgal prestressed concrete storage tank, an water quality monitory station, a Greenland WTP intertie station and installation of a SCADA system. This contract increase is the guaranteed maximum price (GMP) for the construction of the 30 inch raw watermain, the 30 inch reclaimed watermain and the 24 inch force main. JEA staff negotiated this GMP and deemed it reasonable when compared to the estimate and previous projects. Another GMP will be brought before the Awards Committee for the work at the Greenland WTP once that design has progressed.										
3	**Renewal**	**1410951046 - New Dell and Logitech Equipment Purchase**	**Datz**	**CDW Government, LLC**	**Capital and O&M**	**$1,245,315.90**	**$1,004,264.95**	**$2,910,085.10**	06/08/2023-$660,504.25	One (1) Year w/ Two - One (1) Year Renewals (one remaining) Start Date: 01/01/2023 End Date: 12/31/2024	N
	Originally Awarded: 12/15/2022 For Additional Information Contact: Angel Iosua Request approval to award a one (1) year contract renewal from 01/01/2024 to 12/31/2024 to CDW for Dell Equipment and Support in the amount of $1,245,315.90 for specific equipment that are in accordance with JEA Standards. Specific equipment will include all Dell devices including Dell 7000 series computers (laptops, desktops, monitors, tablets), docks and Dell Auto/Air 65w USC-c Adapters. CDW is offering a 26-50% discount off list price on the Dell equipment and support including any additional related equipment not specifically listed in the workbook. The comparable item pricing and discount is similar to the original contract.										
4	**Request for Proposal (RFP)**	**1411299246 - Power Plant General Construction Services**	**Melendez**	**WG Yates** **WW Gay Mechanical Contractors**	**Capital and O&M**	**$17,496,600.00** **$11,664,400.00**	**$17,496,600.00** **$11,664,400.00**	**N/A**	N/A	Three (3) Years w/One (1) - One (1) Yr. Renewals Start: 01/01/2024 End: 12/30/2027	N
	Advertised: 07/05/2023 Pre-Proposal Meeting: 07/06/2023 Seven (7) Vendors Participated Proposal Opening: 08/29/2023 Two (2) Proposals Received For additional information contact: Jason Behr This contract provides General Construction Services for JEA's Power Generating facilities. Services are performed on a Lump Sum and Time and Material basis depending on the scope of task. Industry workload, limited allowances for travel and per diem were drivers for the limited competition. JEA elected to proceed and evaluate both companies and establish new rates since the existing contracts have been in place for seven (7) years. When comparing the new final negotiated rates to the current rates, WW Gay's rates increased 32.7% and WG Yates increased 14.3%. Labor agreements, insurance, overhead and constract billing structure changes (JEA is no longer allowing per diem for non-outage work), increasing equipment price are all primary drivers on the rate increases. From JEA's perspective these changes will help avoid the per diem and other travel charges in non-outage time periods. Price adjustment are allowed annually. Should additional funding be needed, JEA will return the awards committee.										
5	**Contract Increase**	**1410616846 Transmission Engineering Services**	**Melendez**	**Chen Moore & Associates, Inc.**	**Capital, O&M**	**Chen Moore & Associates, Inc. - $497,813.00**	**Chen Moore & Associates, Inc.- $88,000.00** **Leidos Engineering, LLC- $88,000.00** **Pickett & Associates, Inc.- $88,000.00**	**Chen Moore & Associates, Inc.- $739,663.00** **Leidos Engineering, LLC- $300,000.00 (No Change)** **Pickett & Associates, Inc.- $100,000.00 (No Change)**	01/15/2023 Chen Moore & Associates, Inc.- $12,000.00 Leidos Engineering, LLC- $12,000.00 Pickett & Associates, Inc.- $12,000.00 05/25/2023 Chen Moore & Associates, Inc.- $141,850.00 Leidos Engineering, LLC- $200,000.00	Five (5) years w/ Two (2) - 1 Yr. Renewals Start Date: 11/17/2022 End Date: 11/16/2025	JSEB Optional CMA ~ 7% Meskel & Assoc. 5% VIA - 2% Leidos ~ 5% CSI Geo - 1% Alpha Envirotech - 1% Smith Surveying - 3% Pickett & Assoc. ~5% Meskel & Assoc. 5%
	Originally Awarded: 11/17/2022 For additional information contact: Jason Behr JEA utilizes contract engineering firms to supplement JEA's staff on projects. Thsi request is to add funds to the Chen Moore & Associates Inc.contract for assigned work as described below. The same contract rates from the original award will be utilized for this additional work. JEA will continue to return to the Awards Committee to add additional funds to this contract as required. Rates are subject to CPI adjustment annually, capped at 6%. The contract is a general services contract that we use for general engineering services as needed, and it is not intended for any particular or specific project. When the contract was awarded we did not have much work for Chen Moore. Currently, we need assistance with engineering services to complete LiDAR analysis, general staff augmentation, and circuit 680 design services. The LiDAR analysis is needed to evaluate and develop solutions for resolving over 700 infringements throughout the JEA transmission system. The Staff augmentation services are needed to aid us in managing numerous new projects due to staff shortages. The circuit 680 design services are needed to complete the design of the circuit 680 underground replacement due to lack of internal resources. There will be future requests as more projects are assigned, likely in FY25.										
6	**Contract Increase**	**1410611046 - Engineering Services Substations**	**Melendez**	**Leidos Engineering LLC**	**Capital**	**Leidos Engineering LLC - $191,223.80**	**Leidos Engineering LLC - $406,000.00** **Chen Moore & Associates, Inc. - $1,015,000.00** **Worley Group, Inc. - $609,000.00**	**Leidos Engineering LLC - $800,223.80** **Chen Moore & Associates, Inc. - $1,015,000.00 (No Change)** **Worley Group, Inc. - $609,000.00 (No Change)**	06/14/2023 Leidos Engineering LLC - $203,000.00	Start Date: 11/01/2022 End Date: 10/31/2025 Three (3) Year w/ Two (2) 1-Yr. Renewals	JSEB Optional Chen Moore & Associates, Inc. ~ 7% Meskel & Associates Engineering, PLLC ~ 5% VIA Consulting Services, Inc. ~ 2% Worley Group, Inc. ~ 6% Prosser ~ 6% Leidos Engineering, LLC ~ 5% CSI Geo, Inc. ~ 1% Alpha Envirotech Consulting, Inc. ~ 1%
	Originally Awarded: 10/27/2022 For additional information contact: Jason Behr Contract engineers are needed to supplement the design process for short periods of time (approximately three (3) to six (6) months for a typical project) when JEA in-house engineering resources may not meet the urgent demands of in-service dates. Electric substation engineering is a very specialized area; therefore, JEA requires companies who have the resources and experience to execute electric substation/transmission engineering. Proposers should be proficient with the computer application Microstation. This increase is for the combination of past expenditures, expected expenditures, and expected change orders due to either project scope change or new engineering services.										
	Emergency / Change Order	**Emergency - NSCT3 Fire Damage Repair / Replacement**	**Melendez**	**D&D Electrical Bus Service**	**Capital**	**$218,810.00**	**$380,990.00**	**$599,800.00**			

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7	For additional information contact: Jason Behr Due to recent fire incident on NSCT3, this request is to inspect, test, clean, repair, and replace fire and water damaged components to re-establish reliability to this unit. The Scope of Work includes: 1. Remove all debris and damaged areas in the CT3 failure area 2. Remove bus bar from within enclosure 3. Refurbish the bus interior as needed 4. Install new bar and block support locations throughout 5. Replace all damaged panels, bushings, and flex links Contractor was selected based on expertise and immediate available resources. Materials were ordered immediately to optimize schedule based on lead-time. No receipts have been paid yet, however, materials are expected to be delivered by 1/15/2024. Installation, testing and commissioning are expected to be completed after the delivery of materials and outage coordination, estimate Q1, 2024. This unit is currently unavailable. Inspecting, testing, cleaning, repairing, and replacing components will be required to avoid further potential damage and bring this unit back online for reliable availability. Additionally, per the IRP and runtime forecast models, this unit								N/A	Project Completion Start Date: 11/13/2023 End Date: 02/10/2024	N
8	**Emergency / Change Order**	**Emergency - NSCT 15kV Feeder Cable Replacement**	**Melendez**	**Miller Electric Company**	**Capital**	**$84,387.94**	**$671,044.23**	**$755,432.17**	N/A	Project Completion Start Date: 11/13/2023 End Date: 04/11/2024	N
	For additional information contact: Jason Behr Due to recent operational failures on NSCT3, NSCT5, and NSCT6, this request is to replace damaged 15kV feeder cables between the Generators and the GSU's to re-establish reliability to these units. Scope of Work: 1. Removal of five feeder cables from an existing cable tray and stress cone terminations from the transformer low side disconnect and generator enclosure bushing box 2. Installation of five parallel cables and thirty stress cone terminations using associated copper compression lugs and stress cone grounding materials 3. Testing of the newly installed cables Contractors were selected based on expertise and immediate available resources. Materials were ordered immediately to optimize schedule based on lead-time. JEA has spent - $357,906.8 of the $671,044.23 has been spent to date. NSCT5 and NSCT6 are currently available and NSCT3 is currently unavailable. However, replacements of cable tray covers must be made to avoid potential damage to NSCT3, NSCT5, and NSCT6 newly installed cables. Additionally, per the IRP and runtime forecast models, these units will play a critical role in JEA's generation fleet flexibility as more renewable power is introduced to the system. This amended request is a change order to complete the required refurbishment of the cable trays by adding the required covers.										
9	**Contract Increase**	**061-19 - Pipe Bursting Unit Price Construction**	**Vu**	**Murphy Pipeline Contractors, LLC**	**Capital**	**$4,500,000.00**	**$8,408,535.00**	**$17,949,388.50**	02/24/2022 - $840,853.50 01/05/2023 - $4,200,000.00	Three (3) years w/ Two (2) - 1 Yr. renewals - (None remaining) Start Date: 01/17/2020 End Date: 01/16/2025	N
	Original award date: 12/05/2019 For additional information contact: David King Originally approved by Awards Committee on 12/05/2019 to IPR Southeast LLC in the amount of $8,408,535.00. On 02/24/2022, an administrative increase of $840,853.50 was approved due to increased usage of the contract beyond the original estimate because of the effectiveness of the pipe bursting method in replacing pipelines. In year three of the initial contract term, IPR and a company named Murphy Pipeline Contractors, LLC merged, and this contract was assigned to Murphy Pipeline Contractors, LLC on 08/16/2022. The rates are not changing for this term. This award request is asking for the second and final one-year renewal and increase for pipe bursting services.										
10	**Contract Increase**	**1410682846 - Blacks Ford Water Reclamation Facility Warehouse**	**McElroy**	**KBT Contracting Corporation**	**Capital**	**$352,338.00**	**$2,199,797.00**	**$2,552,135.00**	N/A	Project Completion Start Date: 07/18/2022 End Date: 01/31/2025	KBT Contracting Corporation is a JSEB
	Originally Awarded: 06/23/2022 For additional information contact: Elaine Selders The scope of this project is to construct a 5000 square foot warehouse and includes other site improvements at the Blacks Ford Water Reclamation Facility. This request is for a contract increase in the amount of $352,338.00 for additional construction services due to requested scope revisions for a new not-to-exceed amount of $2,552,135.00. The decision was made to move the warehouse to an alternative location at Blacks Ford due to the W/WW plant expansion from 6 MGD to 12 MGD (project 103-04). The change to the site location is expected to save the W/WW expansion project approximately $3,500,000.00. The increase includes an additional rollup door, asphalt pavement, drainage modifications, electrical for portable generators, the cost escalations due to the delays and added electrical feed relocation for the new building foot print. The facilities team has reviewed the proposed pricing and it has been deemed reasonable.										
11	**Renewal**	**067-20 - Property and Casualty Insurance Brokerage Services**	**Orfano**	**Arthur J. Gallagher Risk Management Services, Inc.**	**O&M**	**$7,762,711.19**	**$43,699,609.00**	**$52,432,320.19**	07/22/2021 - $1,000,000.00	Three (3) Years w/one (1) – One (1) Yr. Renewal Start Date: 01/01/2021 End Date: 12/31/2024	N
	Originally Awarded: 12/10/2020 For additional information contact: Elaine Selders This contract is for brokerage services for property and casualty insurance for JEA. Under this contract JEA pays Arthur J. Gallagher Risk Management Services, Inc. (AJG) a flat annual fee for the insurance brokerage services and insurance premiums are paid to the insurance carriers through the broker contract. An administrative increase was completed on 07/22/2021 in the amount of $1,000,000.00 to include the cyber insurance premium in this contract for a new not-to-exceed amount of $43,699,906.00. This award requests a one-year contract renewal for Brokerage Services. The premium estimates have been included in the award amount based on the budget and historical spend. The current contract has approximately $15,000,000.00 in approved funds remaining to cover upcoming FY24 premiums and some of the Q1 FY25 premiums. This award request is for $7,762,711.19 which is the estimated amount to cover the broker services and premiums through the end of the contract term. It should be noted our T&D property damage premium is due 01/01/2025 and it will be paid with estimated funds on this award.										
12	**Contract Increase**	**1410860046 - Continuing Services for Industrial Cleaning at JEA Wastewater Treatment Facilities**	**Vu**	**Universal Service, Inc.**	**O&M**	**$1,258,830.79**	**$999,450.00**	**$2,358,225.79**	10/16/2023 - $99,945.00	Five (5) Years w/ One (1) – 1 Yr. Renewal Start Date: 01/01/2023 End Date: 12/31/2027	N
	Originally Awarded: 12/15/2022 For additional information contact: Darriel Brown The scope of work for this project is for services including hydroblast and vacuum industrial cleaning to remove and dispose of floating and solidified fats, oils and 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) and various Wastewater Treatment Facilities. This increase is being requested as spend in the first year of this contract has been significantly higher due to the rehabilitation on the Buckman drum dryer requiring more frequent cleaning than anticipated. A reduction in spend is anticipated after resumption of normal operation of the dryer.										
	Invitation For Bid	**1411475047 - Water and WW Items for Inventory and Capital Projects**	**McElroy**	**Ferguson Waterworks Fortiline Waterworks Core & Main LP FJ Nugent and Associates, Inc.**	**Inventory Blanket**	**$8,772,946.13 $2,223,120.67 $1,540,882.35 $84,864.08**	**NA**	**$12,621,813.23**			

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13	Advertised: 10/24/2023 Optional Pre-Response Meeting: 10/27/2023 Three (3) vendors participated Responses Opened: 11/21/2023 Four (4) Responses Received For additional information contact: Eddie Bayouth The purpose of this Invitation for Bid is to purchase over 1500 Water and Wastewater items for JEA inventory stock and for use in capital projects. The items purchased for capital projects will be ordered directly to the vendor and delivered at the project sites. For the inventory items, all items were analyzed individually and awarded to the vendor with the lowest price for each item. For the capital project items, vendors had to have the ability to deliver items to project sites and had to bid on the entire lot of items. The vendor with the lowest price for the entire lot would be selected. This year marks the first time in four (4) years that Core and Main has submitted a bid. We also had a new bidder that bid on some of the pumps in the solicitation, bringing the number of bidders to four (4) from the two (2) that had submitted valid bid the last four (4) years. For the capital project items JEA only received one bid. Bidders cited the difficulty of delivering to the project sites as the biggest obstacle to bidding this portion. This year also marked the first time in 3 years that vendors felt comfortable with having a renewal option in this contract. Dropping prices in PVC and galvanized pipes and fittings produced small savings in the overall price, resulting in savings of $90,945.56 or 0.7%.							NA	One (1) Year w/ One (1) – 1 Yr. Renewal	N

Consent Agenda Action

Committee Members in Attendance	**Names**	**Ted Phillips, David Emanuel, Janie Smalley**
Motion by:		Janie Smalley
Second By:		David Emanuel
Committee Decision		Approved

Consent and Regular Agenda Signatures

Budget	**Name/Title**	Stephanie M Kealy
Awards Chairman	**Name/Title**	Theodore B Phillips CFO
Procurement	**Name/Title**	CPO
Legal	**Name/Title**	Rebecca Lavie

JEA Awards Agenda
December 7, 2023
225 North Pearl St., Jacksonville, FL 32202 - Hydrangea Room 1st Floor

Teams Meeting Info

Consent Agenda

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1	**Minutes**	**Minutes from 11/30/2023 Meeting**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	N/A	N/A	N/A
2	**Cost Participation**	**2021-3527 Tributary 1B Unit 8**	**Melendez**	**Three Rivers Developers, LLC / Vallencourt Construction Company, Inc.**	**Capital**	**$305,865.17**	**N/A**	**$305,865.17**	N/A	Start Date 05/01/2023 End Date 01/30/2024	N/A
	For additional information contact David King This is a private development project where JEA has identified improvements consistent with the JEA Cost Participation Policy and as such are eligible for reimbursement. The Tributary 1B Units 8 project (Avail. No. 2021-3527) will include 79 single family units. This development is part of the overall Tributary Development which will consist of approximately 2,391 single family residential units at buildout. The project is located within the Nassau Sewer Basin and the Nassau Water Grid. The Tributary project is located along SR 200 west of I-95. The area in the vicinity of SR 200 and I-95 in Nassau County has experienced significant development interest in the last several years. Based on the projected project size of 2,391 single family residential units, the maximum length of transmission main for JEA participation is 28,692 feet. The proposed length of 16" water main of 1,810 feet is within the participation limits. The developer has followed JEA procurement directives by advertising and awarding to the lowest responsible bidder. The solicitation was advertised, and a pre-bid meeting was held on 2/23/2023. Three Rivers CDD received two bids. Vallencourt Construction Company, Inc. had the lowest overall bid amount and was awarded the project. JEA is reimbursing in accordance with the JEA Cost Participation Policy and the bid amount is deemed reasonable.										
3	**Cost Participation**	**2021-5316 Edwards Road Phases 1 and 2**	**Melendez**	**Three Rivers CDD / Jax Utilities Management, Inc.**	**Capital**	**$688,480.00**	**N/A**	**$688,480.00**	N/A	Start Date 11/01/2023 End Date 01/05/2024	N/A
	For additional information contact David King This is a private development project where JEA has identified improvements consistent with the JEA Cost Participation Policy and as such are eligible for reimbursement. The Edwards Road Phases 1 and 2 Water Main project (Avail. No. 2021-5316) is a water main extension project along Edwards Road to serve the Tributary Development and provide a looped system through Tributary Unit 13 as well as through Timber Creek Plantation. This project is part of the overall Tributary Development which will consist of approximately 2,391 single family residential units at buildout. The project is located within the Nassau Water Grid. The Tributary project is located along SR 200 west of I-95. The area in the vicinity of SR 200 and I-95 in Nassau County has experienced significant development interest in the last several years. Based on the projected project size of 2,391 single family residential units, the maximum length of transmission main for JEA participation is 28,692 feet. The proposed length of 16" water main of 4,512 feet is within the participation limits. The developer has followed JEA procurement directives by advertising and awarding to the lowest responsible bidder. The solicitation was advertised, and a pre-bid meeting was held on 3/30/2023. Three Rivers CDD received two bids. Jax Utilities Management, Inc. had the lowest overall bid amount and was awarded the project. JEA is reimbursing in accordance with the JEA Cost Participation Policy and the bid amount is deemed reasonable.										
4	**Contract Extension / Contract Increase**	**114-17 - Vegetation Management Services**	**Erixton & Electric**	**Tree's Inc.**	**Capital & O&M**	**$7,404,125.00**	**$31,222,514.94**	**$45,051,639.94**	01/05/2023 $6,425,000.00	Five (5) Years w/One (1) - One (1) Yr. Renewals Start: 01/31/2018 End: 01/30/2025	N/A
	Last Award Approval: 01/05/2023 For additional information contact: Rodney Lovgren This contract provides for Price / Mile and Time and Equipment for Vegetation Management services for the JEA transmisssion and distribution system. JEA originally contracted for a five year term, with a one year renewal, which has been used. JEA evaluated going to market with increases estimated at a minimum of a 10-12% based on benchmarking. As such, JEA elected to negotiated & request to extend the contract. The forecast aggregate increase based on the negotiated price adjustment is forecast to be between 4 and a maximum of 6.5% aggregate increase. This award request is to extend the contract one (1) year to January of 2025 and add funds in the amount of $7,404,125.00. The blended CPI and fixed price adjustments one year extension will ensure continuity of services during 2024 storm season. Should additional funding be needed, JEA will return the awards committee.										
5	**Contract Increase**	**CMAR Services for SIPS - Greenland 30" WM, Davis 30" RMW & Burnt Mill 24" FM Projects**	**Melendez**	**Garney Companies, Inc.**	**Capital**	**$732,201.20**	**$625,057.00**	**$10,304,599.13**	04/20/2023 - $8,142,183.93 06/23/2023 - $805,157.00	Start Date: 10/17/2022 End Date: 04/15/2026	N/A
	Last Awarded: 04/20/2023 For additional information contact: Marline McDonald The scope of work for this contract includes pre-construction phase services and construction of approximately 41,200 LF of 30 inch raw water transmission piping and fittings, a new 1.1 Mgal prestressed concrete storage tank, an water quality monitory station, a Greenland WTP intertie station and installation of a SCADA system. This contract increase is to unload and stockpile ductile iron pipe. Cost includes unloading stockpiling of material including a 1-year land lease with Gate Venture, LLC (centrally located within project area) and the installation of pipe located in the Greenland Energy Center. The proposed lease will avoid storage fees by the material manufacturer of $1,342,500.00. JEA negotiated a lump sum price for this work which was reviewed by JEA staff and JEA's owners representative and deemed reasonable.										

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6	Contract Increase	124-19 Progressive Design-Build Services for the 1.0 MGD Water Purification Facility	Melendez	The Haskell Company	Capital	$5,617,157.37	$800,000.00	$75,617,157.37	10/14/2021 - $5,223,357.00 1/17/2022 - $5,105,646.00 08/17/2023 - $58,870,997.00	Start Date: 02/11/2020 End Date: 06/30/2025	N/A
	ITEM IS DEFERRED										
7	Contract Increase	1410190446 (RFP) Steam and Combustion Turbine Maintenance, Repair and Overhaul Services for JEA	Melendez	Mechanical Dynamics & Analysis LLC	Capital, O&M	$12,451,782.00	$14,000,000.00	$26,451,782.00	N/A	Five (5) years w/ Two (2) - 1 Yr. Renewals Start Date: 03/09/2021 End Date: 03/08/2026	N
	Originally Awarded: 03/04/2021 For additional information contact: Jason Behr The purpose of this amendment is to contract for turbine, overhaul, maintenance and repair services. Services include, but are not limited to: steam and combustion turbine repairs and overhaul during outages and during operations. The company will be responsible to provide; tools, equipment, man power, materials and services to support JEA's steam and combustion turbines. The original award amount was calculated based on funding and project list available at the time of the original award. It was expected that the business unit would return and add additional funds as needed. The increase amount will cover the identified projects listed in the backup through FY26. Rates have not been increased from the original award.										
8	Emergency / Ratification	Emergency - NSCT 15kV Feeder Cable Replacement	Melendez	Miller Electric Company	Capital	$671,044.23	$671,044.23	$671,044.23	N/A	Project Completion Start Date: 11/13/2023 End Date: 12/22/2023	N
	Emergency For additional information contact: Jason Behr Due to recent operational failures on NSCT3, NSCT5, and NSCT6, this request is to replace damaged 15kV feeder cables between the Generators and the GSU's to re-establish reliability to these units. Scope of Work: 1. Removal of five feeder cables from an existing cable tray and stress cone terminations from the transformer low side disconnect and generator enclosure bushing box. 2. Installation of five parallel cables and thirty stress cone terminations using associated copper compression lugs and stress cone grounding materials. 3. Testing of the newly installed cables. All three units are currently unavailable and replacements must be made to avoid further potential damage to NSCT3, NSCT5, and NSCT6 due to low insulation resistances and damage in the feeder cables, flex links, and bushings. Contractors were selected based on expertise and immediate available resources. Materials were ordered immediately to optimize schedule based on lead-time. JEA has spent - $357,906.8 of the $671,044.23 has been spent to date. Should there be additional discovery, NGS may return with additional change order.										
9	Emergency / Ratification	Emergency - NSCT Flex Links and Bushings Replacement	Melendez	D&D Electrical Bus Service	Capital	$281,958.00	$281,958.00	$281,958.00	N/A	Project Completion Start Date: 11/13/2023 End Date: Q1, 2024	N
	Emergency For additional information contact: Jason Behr Due to recent operational failures on NSCT3, NSCT5, and NSCT6, this request is to replace damaged Flex Links and Bushings between the Generators and the GSU's to re-establish reliability to these units. Scope of Work: 1. Removal of bushings from the generator unit and GSU disconnect switch bushing box. 2. Installation of bushings onto the generator unit and GSU disconnect switch bushing box. 3. Installation of twenty-four flex links. There are twelve (12) eleven-inch braids at the generator end and twelve (12) thirty-inch braids at the transformer end. Each flex link shall be rated for at least 750A. All three units are currently unavailable and replacements must be made to avoid further potential damage to NSCT3, NSCT5, and NSCT6 due to low insulation resistances and damage in the feeder cables, flex links, and bushings. Contractors were selected based on expertise and immediate available resources. Materials were ordered immediately to optimize schedule based on lead-time. No receipts have been paid yet, however, materials are expected to be delivered by 1/11/2024. Installation, testing and comissioning are expected to be completed after the delivery of materials and outage coordination, estimate Q1, 2024										
10	Emergency / Ratification	Emergency - NSCT3 Fire Damage Repair / Replacement	Melendez	D&D Electrical Bus Service	Capital	$380,990.00	$380,990.00	$380,990.00	N/A	Project Completion Start Date: 11/13/2023 End Date: Q1, 2024	N
	Emergency For additional information contact: Jason Behr Due to recent fire incident on NSCT3, this request is to inspect, test, clean, repair, and replace fire and water damaged components to re-establish reliability to this unit. Scope of Work: 1. Remove all debris and damaged areas in the CT3 failure area. 2. Remove bus bar from within enclosure. 3. Refurbish the bus interior as needed. 4. Install new bar and block support locations throughout. 5. Replace all damaged panels, bushings, and flex links. This unit is currently unavailable and replacements must be made to avoid further potential damage to NSCT3 due to fire and water damage. Contractor was selected based on expertise and immediate available resources. Materials were ordered immediately to optimize schedule based on lead-time. No receipts have been paid yet, however, materials are expected to be delivered by 1/15/2024. Installation, testing and comissioning are expected to be completed after the delivery of materials and outage coordination, estimate Q1, 2024										

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Funding Source	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term (Projected) Start Date - End Date	JSEB Participation (Y/N) If Y, then list company name(s) (%, $ - awarded)
11	**Invitation to Negotiate (ITN)**	**1411274046 - Facilities Master Planning**	**Crawford**	**West Monroe Partners LLC**	**O&M**	**$471,000.00**	**N/A**	**N/A**	N/A	Project Completion Start Date: 01/02/2024 End Date: 04/01/2024	N/A
	Advertised:06/01/2023 Responses Opened:07/11/2023 Three (3) Responses Received For additional information contact: Elaine Selders JEA is seeking a consulting firm to conduct a comprehensive review and evaluation of current leased and owned facilities, identify gaps and future anticipated needs and make recommendations on achievable and affordable facilities strategies and best practices. Three responses were received for this ITN and the decision was made to short-list two companies. A Best and Final Offer (BAFO) was requested on 09/28/2023. West Monroe was deemed the highest ranking Company on 10/05/2023. JEA negotiated Phase 1 proposed services which include the needs assessment and the gap analysis with West Monroe and determined it was in our best interest to adjust the scope of work for a new not-to-exceed amount of $471,000.00. It should be noted JEA has the option to negotiate a Phase 2 for this project for implementation if JEA decides to move forward with some or all of the recommendations from Phase 1.									
12	**Single Source**	**Single Source - JEA Primary Data Center Relocation & Emergency Operational Location**	**McElroy**	**Cologix, Inc.**	**O&M/Capital**	**$6,248,562.79**	**N/A**	**$6,248,562.79**	N/A	Five (5) Years w/Two (2) – Two (2) Yr. Renewals Start Date: 12/01/2023 End Date: 11/30/2028	N/A
	For additional information contact: Elaine Selders In 2018, JEA relocated the primary data center and modified space to lease for the Emergency Operations Center (EOC) at an offsite Category 5 rated location at 4800 Spring Park Rd., to build business continuity and reduce risk to JEA during emergency events. This Single Source award requests approval to continue the lease at Cologix for the JEA primary data center and the Emergency Operations Center (EOC). The original agreement was for five years and JEA has negotiated an new agreement for an additional five years. The new agreement will have an annual increase cap of 2.5%. It should be noted the previous agreement had an annual increase based on a CPI cap. Due to delays in negotiations and the holiday there is a one week Ratification in the amount of $20,667.06 included in the award. The award includes a Capital project for the Fusion Center in the amount of $1,000,000.00 for FY24. This project will not increase the size of the suite but will re-allocate space, install new technology and upgrade finishes to the current standards.									
13	**Change Order**	**Managed Security Service Provider (MSSP)**	**McElroy**	**Securely Yours, LLC**	**O & M**	**$125,000.00**	**$580,440.00**	**$705,440.00**	N/A	Two (2) Years w/ Three (3)-1 Yr. Renewals Start date: 08/15/2022 End Date: 08/14/2024	N
	Originally Awarded: 08/15/2022 For additional information contact: Angel Iosua This contract is for a Managed Security Service Provider (MSSP), Securely Yours, LLC to deliver 24/7/365 Security Operations Center (SOC) monitoring and other security services to complement JEA's Information Security Team including a virtual Chief Information Security Officer (vCISO). This request is to approve a change order for Role Based Access Control (RBAC) services in support of JEA's efforts to enhance the Identity and Access Management program in the amount of $125,000.00 and to include the additional services below: •A spreadsheet reflecting the proposed role structure, the permissions within each role and the users assigned to each role. In addition, a list of outliers and recommendations on how the outliers can be handled •RBAC governance policy and standards document RBAC Services are highly customized for JEA. Securely Yours, as JEA's Managed Security Services provider, has already provided value performing two Proof-of-Concepts at no cost to JEA prior to finalizing this RBAC SOW and JEA believes the additional related services are competitively and accurately priced.									
14	**Contract Increase**	**Joint Project with St. Johns County for CR210 Widening - Greenbriar to Cimmarone - Reclaim WM**	**Melendez**	**Superior Construction Company Southeast LLC**	**Capital**	**$274,657.98**	**$465,093.65**	**$739,751.63**	N/A	Start Date 04/03/2023 End Date 08/23/2026	N/A
	Last Awarded: 03/23/2023 For additional information contact David King The scope of work for this project is design-build services for the St. Johns County's (SJC) CR210 Widening project. SJC and JEA have executed a MOU to complete this project as a joint project. The project is currently in construction having completed design of SJC's new improvements. During the design effort, conflicts were identified with the existing water, sewer force main and reclaim lines. This increase resolve conflicts with proposed drainage ranging from 18" to 54" and the new proposed bridge. The following is the approximate total estimate. 1690 LF of water main, including a 940 LF Horizontal Directional Drill under the new proposed bridge. 3650 LF of force main-890 LF for crossings and replace 2760 LF of old existing force main. The increase proposal was reviewed by JEA project staff and deemed reasonable compared to previous projects. An increase for construction costs will be brought back before the Awards Committee for approval once the design is completed.									
15	**Contract Increase**	**1410856846 - Engineering Services for the 101-62 Fairfax St: 1st St. to 26th St. Water Main Replacement Project**	**Melendez**	**Four Waters Engineering, Inc.**	**Capital**	**$138,067.55**	**$954,206.49**	**$1,092,274.04**	N/A	Start Date 02/30/2023 End Date 11/30/2026	100% Firm is JSEB Certified
	Originally Awarded: 02/16/2023 For additional information contact: Darriel Brown The scope of work for this project is for the professional design of a water main replacement on Fairfax Street between 1st and 26th Streets. The existing water main is nearing the end of its useful life, and replacement is necessary due to its documented poor condition of moderate to severe degradation and continued deterioration of the pipe that could lead to leaks resulting in failure. This increase is being requested now that the receipt of the utility designations and the 30% water main design routing has been completed which identified the need for 85 additional test holes in paved surfaces and 5 additional test holes in non-paved surfaces as necessary. The contract increase proposal was reviewed by JEA project staff and deemed reasonable when compared to other projects. The hourly rates used to develop the fee are the same as the original award.									

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Funding Source	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term (Projected) Start Date - End Date	JSEB Participation (Y/N) If Y, then list company name(s) (%, $ - awarded)
16	**Contract Increase**	**1410223046 - Integrated Resource Planning for Electric Generation Planning**	**Melendez**	**Black & Veatch Management Consulting, LLC**	**Capital**	**$2,860,104.00**	**$1,705,392.00**	**$6,530,960.00**	11/28/2022 $170,539.20 01/05/2023 $701,356.80 07/20/2023 $1,705,392.00	Project Completion Start Date: 08/19/2021 End Date: 12/31/2025	N
	Originally Awarded: 8/19/2021 For additional information contact: Jason Behr This request is for a contract increase in the amount of $2,860,104.00 for the Integrated Resource Planning (IRP) Services for a new not-to-exceed amount of $6,530,960.00. The increase is a result of the expanded scope of services included in JEA's 2030 goals which were approved by the Board of Directors on April 25, 2023. The expanded scope includes works that are required for the Florida Power Plant Siting Act (PPSA) regulatory process for commissioning a new highly efficient generating unit as a replacement for decommissioning less efficient generating unit, Northside Unit 3. The process starts with a refresh of the IRP modeling results with updated forecasts and technology costs, followed by execution of a Market Test to evaluate alternative projects to the project identified by the IRP, and preparation, submittal and defense of a Need For Power application under the PPSA. Current contract rates were used for the development of this revised scope. Black & Veatch will provide the services described in the proposal to JEA in preparation and defense of a Site Certification Application (SCA) under the Florida Electrical Power Plant Siting Act to authorize JEA to construct, own, and operate a new gas-fired combined cycle combustion turbine (CCCT) resource. Additionally, Black & Veatch will prepare the necessary federal permit applications outlined herein. This work scope does not include the services of any independent evaluators or regulatory legal counsel necessary to support the SCA. However, the Black and Veatch team will support legal counsel identified by JEA.										
17	**Ratification**	**Single Phase Pad-mounted Transformers**	**McElroy**	**Powersystems Group, LLC**	**Inventory Blanket**	**$1,220,130.00**	**NA**	**$1,220,130.00**	NA	One Time Purchase, already received.	N
	For additional information: Eddie Bayouth The purpose of this ratification is to formalize the award committee approval for the emergency purchase of 50kVA and 75 kVA pad-mounted transformers from Zetrak in Mexico through their US distributor, Powersystems Group, LLC. These transformers were ordered in September of 2022 and were received in 2023. The Zetrak transformers had a considerably shorter lead time than our current domestic manufacturers and were ordered to mitigate the risk of running out of the 50 and 75 kVA pad-mounted transformers.										
18	**Piggyback - FLORIDA SHERIFF'S ASSOCIATION**	**Piggyback - Florida Sheriff's Association Contract - FSA23-VEH21 JEA Fleet Fuel Truck**	**McElroy**	**Cumberland International Trucks**	**Capital**	**$473,897.00**	**NA**	**$473,897.00**	NA	One Time Purchase, Q2 FY25 Expected Delivery	N
	For additional information contact: Eddie Bayouth The purpose of this Piggyback is to purchase a 5000 gallon fuel truck for JEA Fleet. This equipment is vital for fueling remote lift stations/pumps/generators throughout JEA's systems on a continuing basis ensuring they remain operational. This fuel truck is being bought as an Electric Replacement Vehicle. Cumberland International Trucks is the winner of FSA Contract FSA23-VEH21. Cumberland has been a reliable vendor for heavy duty trucks and is looking for ways to expedite the delivery of this fuel truck based on the urgency of this purchase after the loss of the JEA's Fleet fuel truck due to an accident.										
19	**Piggyback - FLORIDA SHERIFF'S ASSOCIATION**	**Piggyback - Florida Sheriff's Association Contract - FSA23-VEL31.0 / JEA Fleet FY24 Ford Maverick LDV Purchase**	**McElroy**	**Garber Ford, Inc.**	**Capital**	**$330,126.02**	**NA**	**$330,126.02**	NA	One Time Purchase, Q2 FY25 Expected Delivery	N
	For additional information contact: Eddie Bayouth The purpose of this Piggyback is to purchase eight (8) Ford Maverick pickup trucks. Seven (7) of the trucks are two wheel drive (4x2) hybrid models and will be for Electric replacement, the remaining truck is a four wheel drive (4x4) truck for Electric expansion. Due to the UAW strike, Ford order banks closed for the lower model trucks so JEA is looking to purchase the XLT model. The goal with the Mavericks is a smaller footprint vehicle with lower opearating costs than those of the larger Ford F150 pickup trucks. This will be good vehicle for JEA's meter reading team. Since seven (7) of the vehicles are hybrid, this purchase works towards JEA's goal of electrification and reducing fuel costs and emissions. Garber Ford, Inc. is one of the winners of FSA Contract - FSA23-VEL31.0, and has been a reliable vendor for light duty trucks.										
20	**Invitation for Bid (IFB)**	**1411497046/ Commercial Water Meters for Inventory Stock**	**McElroy**	**Badger Meter, Inc. Sensus USA, Inc.**	**Inventory Blanket**	**$3,923,943.00 $1,180,195.00**	**NA**	**$5,104,138.00**	NA	Three (3) Years w/Two (2) - 1 Yr. Renewals Start: 12/15/2023 End: 12/14/2026	N
	Advertised: 11/08/2023 Responses Opened 11/21/2023 Two (2) Responses Received For additional information contact: Eddie Bayouth The purpose of this Invitation for Bid (IFB) is to purchase commercial water meters (1.5"-10" meters) for JEA inventory stock. With the testing and acceptance of Badger meters, this will be the first time that JEA has two different manufacturers approved for commercial meters. Badger provides a multifunction meter that reduces the need to stock specialty meters in various sizes. The introduction of competition in commercial meters has also spurred Sensus, the current supplier, to simplify its meters to reduce costs and be more competitive. This competition has yielded savings of over $2MM from the prices JEA had paid in the past. In order to reduce the risks associated with having a single supplier for a particular size, the solicitation was structured to allow JEA to assign a primary and secondary vendor if the bid prices from Sensus and Badger for a particular size were within 10% of each other. For the 1.5" and 2" meters the price difference was less than 10%. JEA assigned 70% of the spend to the lowest bidder and 30% to the other bidder. For each awardee additional items included in the bid will be contracted for JEA price protection purposes in the instance a JEA need to purchase for unique applications arises, but no funds will be added as no purchases are forecasted.										

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Funding Source	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term (Projected) Start Date - End Date	JSEB Participation (Y/N) If Y, then list company name(s) (%, $ - awarded)
21	Request for Proposal (RFP)	1411299246 - Power Plant General Construction Services	Melendez	WG Yates WW Gay Mechanical Contractors	Capital and O&M	$18,000,000.00 $12,000,000.00	$30,000,000.00	N/A	N/A	Three (3) Years w/One (1) - One (1) Yr. Renewals Start: 01/01/2024 End: 12/30/2027	N
	ITEM IS DEFERRED										

Consent Agenda Action

Committee Members in Attendance	Names	Ted Phillips, David Emanuel, Mark Stultz for Laura Schepis
Motion by:		Mark Stultz
Second By:		David Emanuel
Committee Decision		Approved

Consent and Regular Agenda Signatures

Budget	Name/Title	Stephanie M Realy
Awards Chairman	Name/Title	Theodore B Phillips CFO
Procurement	Name/Title	Lisa Pleasants
Legal	Name/Title	Rebecca Lavis

Award #2 12/14/2023 Supporting Documents

	Construction Management-at-Risk (CMAR) Services for the SIPS – Greenland 30" WM, Davis 30" RWM & Burnt Mill 24" FM Projects	
ITEM NO.	DESCRIPTION	TOTAL VALUE
	CMAR - SIPS Greenland 30" RAW Watermain GMP Breakdown (Total)	**$40,996,996.83**
1	***CMAR - SIPS Greenland 30" RAW Watermain - Mobilization (70% of project total mobilization)***	**$693,542.70**
2	***CMAR - SIPS Greenland 30" RAW Watermain - General Conditions (70% of project total GC's)***	**$4,157,247.22**
3	***CMAR - SIPS Greenland 30" RAW Watermain - Segment 1***	**$13,398,313.71**
4	***CMAR - SIPS Greenland 30" RAW Watermain - Segment 2***	**$16,503,487.71**
5	***CMAR - SIPS Greenland 30" RAW Watermain - 9.8% CMAR FEE (Less contingency and Allowances)***	**$3,405,753.95**
6	***CMAR - SIPS Greenland 30" RAW Watermain - Contingency***	**$2,270,599.65**
7	***CMAR - SIPS Greenland 30" RAW Watermain - Allowances***	**$568,051.89**
	Amendments Issued to Date - SIPS Greenland 30" RAW Watermain (Total)	**$8,985,186.99**
8	Amendment 1	$7,702,060.79
9	Amendment 2	$550,925.00
10	Amendment 3	$732,201.20
	CMAR - SIPS Greenland 30" Reclaimed Watermain GMP Breakdown (Total)	**$10,331,531.69**
1	***CMAR - SIPS Greenland 30" Reclaimed Watermain - Mobilization (25% of project total mobilization)***	**$247,693.82**
2	***CMAR - SIPS Greenland 30" Reclaimed Watermain - General Conditions (25% of project total GC's)***	**$1,484,731.16**
3	***CMAR - SIPS Greenland 30" Reclaimed Watermain - Segment 2***	**$7,343,450.13**
4	***CMAR - SIPS Greenland 30" Reclaimed Watermain - 9.8% CMAR FEE (Less contingency and Allowances)***	**$889,435.76**
5	***CMAR - SIPS Greenland 30" Reclaimed Watermain - Contingency***	**$271,776.86**
6	***CMAR - SIPS Greenland 30" Reclaimed Watermain - Allowances***	**$94,443.96**
	Amendments Issued to Date - SIPS Greenland 30" Reclaimed Watermain (Total)	**$505,216.68**
7	Amendment 1 - All HDPE and HDPE material	$271,411.68
8	Amendment 2 - Large Diameter Gate Valves	$233,805.00
9	Amendment 3	$0.00
	CMAR - SIPS Greenland 24" Force Main GMP Breakdown (Total)	**$1,701,871.57**
1	***CMAR - SIPS Greenland 24" Force Main - Mobilization (5% of project total mobilization)***	**$49,538.76**
2	***CMAR - SIPS Greenland 24" Force Main - General Conditions (5% of project total GC's)***	**$296,946.23**
3	***CMAR - SIPS Greenland 24" Force Main - Segment 1***	**$1,120,143.50**
4	***CMAR - SIPS Greenland 24" Force Main - 9.8% CMAR FEE (Less contingency and Allowances)***	**$143,729.59**
5	***CMAR - SIPS Greenland 24" Force Main - Contingency***	**$60,942.41**
6	***CMAR - SIPS Greenland 24" Force Main - Allowances***	**$30,571.07**
	Amendments Issued to Date - SIPS Greenland 24" Force Main (Total)	**$189,138.46**
7	Amendment 1 - All HDPE and HDPE material	$168,711.46
8	Amendment 2 - Large Diameter Gate Valves	$20,427.00
9	Amendment 3	$0.00
	GMP	**$53,030,400.09**
	AMENDMENT 1 SUBTOTAL	$8,142,183.93
	AMENDMENT 2 SUBTOTAL	$805,157.00
	AMENDMENT 3 SUBTOTAL	$732,201.20
	TOTAL AMENDMENTS	**$9,679,542.13**
	GMP AMENDMENT TOTAL	**$43,350,857.96**

Approved by the JEA Awards Committee

Date: 12/15/2022 Item# 3

Formal Bid and Award System

Award #3 December 15, 2022

Type of Award Request: INVITATION FOR BID (IFB)
Request #: 644
Requestor Name: Anderson, Bonnie J.
Requestor Phone: (904) 665-7761
Project Title: New Dell and Logitech Equipment Purchase FY23
Project Number: 8008233
Project Location: JEA
Funds: CAPTIAL AND O&M
Business Unit Estimate: $1,395,000.00

Scope of Work:

The purpose of this Invitation for Bid (the "IFB") is to select a vendor for new Dell and Logitech Equipment Purchase for FY23 equipment and to provide the best value to JEA to purchase during a twelve-month period. This request is to leverage contract spend for a minimum of one year to get fixed pricing on high use items, a percentage discount on unexpected items, and reduce the number of small informal spot buys and transactions.

The specific equipment will include the inventory of all Dell devices including Dell 7000 series computers (laptops, desktops, monitors), cases, keyboards, and docks. The Logitech webcams, and keyboard/mouse combo are also included. These products are JEA Standards.

IFB/RFP/State/City/GSA#: 1410951046
Purchasing Agent: Garland, Brooke
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
CDW GOVERNMENT LLC	John Vrablik	75 Remittance DR STE 1515, Chicago, IL 60675-1515	(877) 466-6333	$1,004,264.95

Amount for entire term of Contract/PO: $1,004,264.95
Award Amount for remainder of this FY: $753,198.71
Length of Contract/PO Term: One (1) Year w/ Two - One (1) Year Renewals
Begin Date (mm/dd/yyyy): 01/01/2023
End Date (mm/dd/yyyy): 12/31/2023
Renewal Options: Two - One (1) Year Renewals
JSEB Requirement: N/A

BIDDERS:

Vendor Name	Amount	Rank
CDW	$1,004,264.95	1
vPRIME TECH	$1,139,048.30	2
DATABIT	$1,176,447.45	3
ZONES	$1,265,038.15	4

Background/Recommendations:

Advertised 11/08/2022. At Response opening on 11/22/2022, JEA received four (4) Bids. JEA determined awarding to CDW provided the lowest bid and the best value to JEA. A copy of the CDW bid workbook is attached as backup.

CDW is offering a 26-50% discount off list price on the Dell equipment and support including any additional related equipment not specifically listed in the workbook. The comparable item pricing is similar to previous contract.

1410951046 - Request approval to award a contract to CDW for Dell Equipment and Support in the amount of $1,004,264.95, subject to the availability of lawfully appropriated funds.

Manager: Peacock, Jason J. – Mgr. Service Desk Operations
Director: Traylor, Kymberly A. – Dir. Network & Telecommunication Services
VP: Datz, Stephen H. - VP IT Infrastructure and Operations
Chief: Krol, Bradley D. (Brad)- Chief Information Officer

APPROVALS:

Stephen Datz 12/15/2022

Chairman, Awards Committee **Date**

Stephanie M Healy 12/15/2022

Budget Representative **Date**

Award #3 12/14/2023 Supporting Documents

Item No.	Item Name	Item Description	MSRP	CDW Price	% off MSRP
1	3000136232163	Dell CTO 7000 i5-12500 1/16 W10P	$2,145.42	$1,070.37	50.11%
2	3000134283197	DELL CTO 7430 I5-1245U 512/16 W10P, ProSupport, Accidental	$3,748.83	$1,682.47	55.12%
3	3000134124195	DELL CTO 7320 I5-1140G7 256/8 W10P, ProSupport, Accidental	$3,730.40	$1,452.37	61.07%
4	3000134124655	DELL CTO DETACHABLE GRADE CASE	$64.99	$38.28	41.10%
5	3000134124757	DELL CTO DETACH TRAVEL KEYBOARD/PEN	$269.99	$159.04	41.10%
6	3000131399150	Dell CTO Edge Gateway PC i5 512/16	$3,339.87	$2,045.29	38.76%
7	WD22TB4	DELL CTO THUNDERBOLT 4 DOCK	$409.99	$241.51	41.09%
8	3000135404136	DELL Dell CTO 3420 6305 128/8 LIN	$1,348.48	$726.24	46.14%
9	3000135409319	Dell CTO THINOS ACTIVATION LICENSE	$45.00	$19.66	56.31%
10	3000120180870	DELL CTO 27IN MONITOR - P2722H	$399.99	$244.59	38.85%
11	3000120197915	DELL WYSE CTO 3000 N6005 32 4 THINOS	$828.00	$445.93	46.14%
12	P580-006	Tripp Lite DisplayPort Cable w Latches Digital A V 4K	$30.21	$10.00	66.90%
13	492-BBUN	Dell Auto/Air 65w USC-c Adapters	$99.99	$58.89	41.10%
14	960-000971	Logitech Webcam C930e	$129.99	$95.00	26.92%
15	Logitech keyboard/mouse combo with MK120	Logitech keyboard/mouse combo with MK120	$19.99	$11.22	43.87%
16	"Other"	Percentage off non listed items, currently unaware of what item is needed so MSRP/CDW price cannot be offered	TBA	TBA	10%

Award #3 12/14/2023 Supporting Documents

Lot Name : Enter Pricing			Demand Information				CDW GOVERNMENT	
Item Information							Pricing Information	Total Cost inUSD
							Unit Cost in USD	
ITEM NO	ITEM NAME	ITEM DESCRIPTION	Price Type	Estimated Quantity	Quantity	UOM	Enter Unit Cost Desc.	Total Cost :: {Enter Unit Cost
1	3000136912998	Dell CTO 7000 i5-12500 512/16 W10P	Bulk	1	290	EA	1070.37	310407.3
2	3000134283197	DELL CTO 7430 I5-1245U 512/16 W10P, ProSupport, Accidental	Bulk	1	150	EA	1682.47	252370.5
3	3000134124195	DELL CTO 7320 I5-1140G7 256/8 W10P, ProSupport, Accidental	Bulk	1	75	EA	1452.37	108927.75
4	3000134124655	DELL CTO DETACHABLE GRADE CASE	Bulk	1	75	EA	38.28	2871
5	3000134124757	DELL CTO DETACH TRAVEL KEYBOARD/PEN	Bulk	1	75	EA	159.04	11928
6	3000131399150	Dell CTO Edge Gateway PC i5 512/16	Bulk	1	10	EA	2045.29	20452.9
7	WD22TB4	DELL CTO THUNDERBOLT 4 DOCK	Bulk	1	175	EA	241.51	42264.25
8	3000135404136	DELL Dell CTO 3420 6305 128/8 LIN	Bulk	1	25	EA	726.24	18156
9	3000135409319	Dell CTO THINOS ACTIVATION LICENSE	Bulk	1	25	EA	19.66	491.5
10	3000120180870	DELL CTO 27IN MONITOR - P2722H	Bulk	1	300	EA	244.59	73377
11	3000120197915	DELL WYSE CTO 3000 N6005 32 4 THINOS	Bulk	1	275	EA	445.93	122630.75

12	P580-006	Tripp Lite DisplayPort Cable w Latches Digital A V 4K	Bulk	1	400	EA	10	4000
13	492-BBUN	Dell Auto/Air 65w USC-c Adapters	Bulk	1	200	EA	58.89	11778
14	960-000971	Logitech Webcam C930e	Bulk	1	200	EA	95	19000
15	Logitech keyboard/mouse combo with MK120	Logitech keyboard/mouse combo with MK120	Bulk	1	500	EA	11.22	5610
							Lot Total :	**1004264.95**

Award #3 12/14/2023 Supporting Documents

Item	Quantity	Price/ea	Total Price	Column	Quantity2	Price/ea2	Total Price2	Total Overall Cost
BREAK/FIX 30902			**FY 24'**				**FY 25'**	
75 Dell 7440 laptops	**75**	$ 1,070.37	$ 80,277.75		**75**	$ 1,070.37	$ 80,277.75	
20 Dell 7000 desktops	**20**	$ 1,682.47	$ 33,649.40					
300 27"monitors	**300**	$ 244.59	$ 73,377.00		**150**	$ 224.59	$ 33,688.50	
100 DC adapters	**100**	$ 59.89	$ 5,989.00					
CAPITAL 8008945								
250 Del 7400 laptops	**250**	$ 1,070.37	$ 267,592.50		**100**	$ 1,070.37	$ 107,037.00	
225 Dell 7000 desktops	**225**	$ 1,682.47	$ 378,555.75		**25**	$ 1,682.47	$ 42,061.75	
200 27" monitors	**200**	$ 224.59	$ 44,918.00				$ -	
100 Dell Thunderbolt docks	**100**	$ 241.51	$ 24,151.00				$ -	
Dell 7320 tablets	**0**				**50**	$ 1,452.37	$ 72,618.50	
Logitech keyboard/mouse combo	**0**				**100**	$ 11.22	$ 1,122.00	
			$ 908,510.40				$ 336,805.50	**$ 1,245,315.90**

Award #4 12/14/2023 Supporting Documents

Capital or O&M	Index / Project # / Cost Center	Expense Type	FY24 (9 mo)	FY25	FY26	FY27 (3 mo)	
	060-243						$0.00
	060-244						$0.00
	060-232						$0.00
	060-233						$0.00
	060-234		$ 200,000.00				$200,000.00
	060-235						$0.00
	060-183			$ 100,000.00			$100,000.00
	060-224				$ 100,000.00		$100,000.00
	060-04		$ 150,000.00	$ 4,000,000.00	$ 4,000,000.00		$8,150,000.00
	062-01		$ -	$ 2,000,000.00	$ 2,000,000.00		$4,000,000.00
	066-01		$ 200,000.00	$ 1,500,000.00	$ 1,500,000.00		$3,200,000.00
	060-PH1		$ -	$ -	$ -		$0.00
	066-PH1		$ -	$ -	$ -		$0.00
	060-207		$ 40,000.00				$40,000.00
	060-195			$ 20,000.00			$20,000.00
	060-246			$ 826,000.00			$826,000.00
	060-224				$ 100,000.00		$100,000.00
	060-237			$ 250,000.00			$250,000.00
	060-208			$ 80,000.00			$80,000.00
	060-209				$ 80,000.00		$80,000.00
	060-254		$ 1,000,000.00				$1,000,000.00
	060-226						$0.00
	060-252			$ 250,000.00			$250,000.00
	060-249			$ 475,000.00			$475,000.00
	060-251			$ 500,000.00			$500,000.00
	060-250			$ 70,000.00			$70,000.00
	060-245		$ -				$0.00
	069-11			$ 500,000.00			$500,000.00
	066-41			$ 2,500,000.00			$2,500,000.00
O&M	30205	1302 - DIRECT PURCHASES	$ 33,600.00	$ 44,800.00	$ 44,800.00	$ 11,200.00	$78,400.00
O&M	30205	1310 - OUTAGE EXPENSES - SUPPLIES & MATERIALS	$ -	$ -	$ -	$ -	$0.00
O&M	30205	2006 - INDUSTRIAL SERVICES	$ 67,200.00	$ 89,600.00	$ 89,600.00	$ 22,400.00	$156,800.00
O&M	30205	2033 - OUTAGE EXPENSES - OTHER SERVICES & CHARGES	$ -	$ -	$ -	$ -	$0.00
O&M	30300	1302 - DIRECT PURCHASES	$ 33,600.00	$ 44,800.00	$ 44,800.00	$ 11,200.00	$78,400.00
O&M	30300	1310 - OUTAGE EXPENSES - SUPPLIES & MATERIALS	$ 33,600.00	$ 44,800.00	$ 44,800.00	$ 11,200.00	$78,400.00
O&M	30300	2006 - INDUSTRIAL SERVICES	$ 302,400.00	$ 403,200.00	$ 403,200.00	$ 100,800.00	$705,600.00
O&M	30300	2033 - OUTAGE EXPENSES - OTHER SERVICES & CHARGES	$ 319,200.00	$ 425,600.00	$ 425,600.00	$ 106,400.00	$744,800.00
O&M	30401	1302 - DIRECT PURCHASES	$ 8,400.00	$ 11,200.00	$ 11,200.00	$ 2,800.00	$19,600.00
O&M	30401	1310 - OUTAGE EXPENSES - SUPPLIES & MATERIALS	$ 8,400.00	$ 11,200.00	$ 11,200.00	$ 2,800.00	$19,600.00
O&M	30401	2006 - INDUSTRIAL SERVICES	$ 50,400.00	$ 67,200.00	$ 67,200.00	$ 16,800.00	$117,600.00
O&M	30401	2033 - OUTAGE EXPENSES - OTHER SERVICES & CHARGES	$ 50,400.00	$ 67,200.00	$ 67,200.00	$ 16,800.00	$117,600.00
O&M	30402	1302 - DIRECT PURCHASES	$ 16,800.00	$ 22,400.00	$ 22,400.00	$ 5,600.00	$39,200.00
O&M	30402	1310 - OUTAGE EXPENSES - SUPPLIES & MATERIALS	$ 16,800.00	$ 22,400.00	$ 22,400.00	$ 5,600.00	$39,200.00
O&M	30402	2006 - INDUSTRIAL SERVICES	$ 302,400.00	$ 403,200.00	$ 403,200.00	$ 100,800.00	$705,600.00
O&M	30402	2033 - OUTAGE EXPENSES - OTHER SERVICES & CHARGES	$ 302,400.00	$ 403,200.00	$ 403,200.00	$ 100,800.00	$705,600.00
O&M	30403	1302 - DIRECT PURCHASES	$ 16,800.00	$ 22,400.00	$ 22,400.00	$ 5,600.00	$39,200.00
O&M	30403	1310 - OUTAGE EXPENSES - SUPPLIES & MATERIALS	$ 16,800.00	$ 22,400.00	$ 22,400.00	$ 5,600.00	$39,200.00
O&M	30403	2006 - INDUSTRIAL SERVICES	$ 50,400.00	$ 67,200.00	$ 67,200.00	$ 16,800.00	$117,600.00
O&M	30403	2033 - OUTAGE EXPENSES - OTHER SERVICES & CHARGES	$ 50,400.00	$ 67,200.00	$ 67,200.00	$ 16,800.00	$117,600.00
	Award Totals		$3,270,000.00	$15,311,000.00	$10,020,000.00	$560,000.00	**$29,161,000.00**

WW Gay - Awarding To Budget

Date	Event	Tracking Amount
12/7/2023	Original Award	$11,664,400.00
	Increase	
	New NTE	$ 11,664,400.00
	This Increase	
	New NTE	$ 11,664,400.00

Total Award Amount $ 29,161,000.00

WG Yates - Awarding to Budget

Date	Event	Tracking Amount
12/7/2023	Original Award	$17,496,600.00
	Increase	
	New NTE	$ 17,496,600.00
	This Increase	$ -
	New NTE	$ 17,496,600.00

Budget Available $29,161,000.00
Award Amount Total **$29,161,000.00**

Award Amounts

WG Yates	**60%**	**$17,496,600.00**
WW Gay	**40%**	**$11,664,400.00**

Avail Budget

$29,161,000.00

Award #4 12/14/2023 Supporting Documents

Capital	dex / Project # / Cost Cent	Project Status	Project Description	FY24 (9 mo)	FY25	FY26	FY27 (3 mo)			
Capital	060-243	Construction	NGS - N03 Boiler Convection East Side Water Wall Replacement							
Capital	060-244	Construction	NGS - N03 Economizer Inlet Shutoff Valve Replacement							
Capital	060-232	Construction	NGS - N02 A2/E2 Fuel Feeder Replacement							
Capital	060-233	Construction	NGS - N02 Grid Floor Nozzle Replacement							
Capital	060-234	Construction	NGS - N00-Nitrogen and Dry Air Layup System for Extended Unit Shutdown	200000						
Capital	060-235	Construction	NGS - N02 Duct Burner Overhaul							
Capital	060-183	Planned	NGS – N35 – N35 Turbine Major and Generator Overhaul FY25		$ 100,000.00					
Capital	060-224	Planned	NGS – N36 – N36 Turbine Major and Generator Overhaul FY26			$ 100,000.00				
Capital	060-04	Program	NGS - Energy Project Management Capital Improvement Projects	$ 150,000.00	$ 4,000,000.00	$ 4,000,000.00				
Capital	062-01	Program	NGS - Generation Support Capital Improvements	$ -	$ 2,000,000.00	$ 2,000,000.00				
Capital	066-01	Program	BBGS - GEC General Capital Improvements	$ 200,000.00	$ 1,500,000.00	$ 1,500,000.00				
Capital	060-PH1	Placeholder	NGS - Generation Projects - PH	$ -	$ -	$ -				
Capital	066-PH1	Placeholder	CT - Generation Projects - PH	$ -	$ -	$ -				
Capital	060-207	Construction	NGS - N34 Electrical Equipment Upgrades	$ 40,000.00						
Capital	060-195	Construction	NGS - Intake and Discharge Flume Concrete Repair		$ 20,000.00					
Capital	060-246	Construction	NGS – N00 – Limestone Piping Replacement		$ 826,000.00					
Capital	060-224	Planned	NGS – N36 – N36 Turbine Major and Generator Overhaul FY26			$ 100,000.00				
Capital	060-237	Construction	NGS - N01 - C Crossover Expansion Joint Replacement		$ 250,000.00					
Capital	060-208	Construction	NGS - N35 Electrical Equipment Upgrades		$ 80,000.00					
Capital	060-209	Planned	NGS - N36 Electrical Equipment Upgrades			$ 80,000.00				
Capital	060-254	Construction	NGS - N02 CFB FY24 Expansion Joint Install and Fab	$ 1,000,000.00						
Capital	060-226	Construction	NGS - N00 Pneumatic Conveying System for Biomass							
Capital	060-252	Construction	NGS - N01 SDA Conveyors Replacement		$ 250,000.00					
Capital	060-249	Schematic Design	NGS - N01 A2-E2 Fuel Feeder Replacement		$ 475,000.00					
Capital	060-251	Schematic Design	NGS - N01 Grid floor Nozzle Replacement		$ 500,000.00					
Capital	060-250	Schematic Design	NGS - N01 Duct Burner Overhaul		$ 70,000.00					
Capital	060-245	Final Design	NGS - N00 - Permanent Limestone Crushers	$ 1,500,000.00						
Capital	069-11	Planned	KGS - K37 Exhaust Diffuser Replacement		$ 500,000.00					
Capital	066-41	Construction	BBGS - B50 Turbine Parts Warehouse		$ 2,500,000.00					

Fund	Cost Center	Expense Type	Budget Line	%	%	FY24		FY25	FY26	
021 - Electric Operat	30205 - Electric Generation - N	1302 - DIRECT PURCHASES	754	2.00%	6.00%	$ 44,800.00		$ 44,800.00	$ 44,800.00	
22 - Electric Operati	30205 - Electric Generation - N	1310 - OUTAGE EXPENSES - SUPPLIES & MATERIALS		0.00%		$ -		$ -	$ -	
23 - Electric Operati	30205 - Electric Generation - N	2006 - INDUSTRIAL SERVICES	759	4.00%		$ 89,600.00		$ 89,600.00	$ 89,600.00	
24 - Electric Operati	30205 - Electric Generation - N	2033 - OUTAGE EXPENSES - OTHER SERVICES & CHARGES		0.00%		$ -		$ -	$ -	
25 - Electric Operati	30300 - Electric Generation - N	1302 - DIRECT PURCHASES	768	2.00%	41.00%	$ 44,800.00		$ 44,800.00	$ 44,800.00	
26 - Electric Operati	30300 - Electric Generation - N	1310 - OUTAGE EXPENSES - SUPPLIES & MATERIALS	771	2.00%		$ 44,800.00		$ 44,800.00	$ 44,800.00	
27 - Electric Operati	30300 - Electric Generation - N	2006 - INDUSTRIAL SERVICES	775	18.00%		$ 403,200.00		$ 403,200.00	$ 403,200.00	
28 - Electric Operati	30300 - Electric Generation - N	2033 - OUTAGE EXPENSES - OTHER SERVICES & CHARGES	782	19.00%		$ 425,600.00		$ 425,600.00	$ 425,600.00	
29 - Electric Operati	30401 - Electric Generation - CT	1302 - DIRECT PURCHASES	807	0.50%	7.00%	$ 11,200.00		$ 11,200.00	$ 11,200.00	
30 - Electric Operati	30401 - Electric Generation - CT	1310 - OUTAGE EXPENSES - SUPPLIES & MATERIALS	807	0.50%		$ 11,200.00		$ 11,200.00	$ 11,200.00	
31 - Electric Operati	30401 - Electric Generation - CT	2006 - INDUSTRIAL SERVICES	811	3.00%		$ 67,200.00		$ 67,200.00	$ 67,200.00	
32 - Electric Operati	30401 - Electric Generation - CT	2033 - OUTAGE EXPENSES - OTHER SERVICES & CHARGES	811	3.00%		$ 67,200.00		$ 67,200.00	$ 67,200.00	
33 - Electric Operati	30402 - Electric Generation - CT	1302 - DIRECT PURCHASES	820	1.00%	38.00%	$ 22,400.00		$ 22,400.00	$ 22,400.00	
34 - Electric Operati	30402 - Electric Generation - CT	1310 - OUTAGE EXPENSES - SUPPLIES & MATERIALS	823	1.00%		$ 22,400.00		$ 22,400.00	$ 22,400.00	
35 - Electric Operati	30402 - Electric Generation - CT	2006 - INDUSTRIAL SERVICES	825	18.00%		$ 403,200.00		$ 403,200.00	$ 403,200.00	
36 - Electric Operati	30402 - Electric Generation - CT	2033 - OUTAGE EXPENSES - OTHER SERVICES & CHARGES	832	18.00%		$ 403,200.00		$ 403,200.00	$ 403,200.00	
37 - Electric Operati	30403 - Electric Generation - CT	1302 - DIRECT PURCHASES	838	1.00%	8.00%	$ 22,400.00		$ 22,400.00	$ 22,400.00	
38 - Electric Operati	30403 - Electric Generation - CT	1310 - OUTAGE EXPENSES - SUPPLIES & MATERIALS	842	1.00%		$ 22,400.00		$ 22,400.00	$ 22,400.00	
39 - Electric Operati	30403 - Electric Generation - CT	2006 - INDUSTRIAL SERVICES	844	3.00%		$ 67,200.00		$ 67,200.00	$ 67,200.00	
40 - Electric Operati	30403 - Electric Generation - CT	2033 - OUTAGE EXPENSES - OTHER SERVICES & CHARGES	848	3.00%		$ 67,200.00		$ 67,200.00	$ 67,200.00	
				100.00%	100.00%	$ 2,240,000.00		$ 2,240,000.00	$ 2,240,000.00	**$6,720,000**

Award #4 12/14/2023 Supporting Documents

	Evaluated Bid Amount	Calculated Bid to match Award
WW Gay	$ 12,741,504.92	$ 12,000,000.00
WG Yates	$ 8,057,015.30	$ 18,000,000.00

W.W. Gay 141120240 APPENDIX A, Alt 1 Rates for 2024 Only

1/1/24-12/31/24

RESPONDENT RATES WORKBOOK

GENERAL CONSTRUCTION SERVICES

(Enter data in the yellow cells)

W.W. Gay Mechanical Contractor, Inc.	Estimated Hours for		Hourly Labor Rates		One-Year Bid Price
	Straight Time	Overtime	Straight Time	Overtime	
2.1 Project Manager	693	33	$113.99	$156.47	$84,247.28
2.2 Field Superintendent	693	167	$78.23	$105.20	$71,773.18
2.4 Boilermaker Foreman	667	167	$116.75	$158.40	$104,234.28
2.5 Boilermaker	1333	333	$113.49	$152.53	$202,162.56
2.6 Boilermaker Helper	667	167	$104.61	$139.81	$93,042.44
2.7 Carpenter Foreman	83	8	$75.77	$96.30	$7,116.50
2.8 Carpenter	167	17	$72.50	$91.62	$13,611.00
2.9 Carpenter Helper	83	8	$63.69	$78.98	$5,965.80
2.10 Concrete Foreman	83	8	$74.14	$93.96	$6,961.00
2.11 Concrete Finisher	167	17	$72.50	$91.62	$13,611.00
2.12 Electrician Foreman	333	33	$99.36	$138.30	$37,730.00
2.13 Electrician	667	67	$91.20	$126.60	$69,240.00
2.14 Electrician Helper	333	33	$83.04	$114.90	$31,510.00
2.15 Equipment Operator	333	33	$86.11	$111.49	$32,418.70
2.16 Equipment Operator Helper	167	17	$74.41	$94.71	$13,979.48
2.17 HVAC Foreman	33	3	$98.51	$125.48	$3,701.96
2.18 HVAC Technician	67	7	$96.88	$123.14	$7,279.52
2.19 HVAC Technician Helper	67	7	$84.77	$105.78	$6,356.72
2.20 I&C Foreman	333	33	$141.72	$184.20	$53,380.00
2.21 I&C Technician	667	67	$125.40	$160.80	$94,320.00
2.22 I&C Technician Helper	500	50	$109.08	$137.40	$61,410.00
2.23 Insulation Foreman	133	13	$91.20	$126.60	$13,848.00
2.24 Insulation Worker	250	25	$83.04	$114.90	$23,632.50
2.25 Insulation Helper	167	17	$74.88	$103.20	$14,200.00
2.26 Ironworker Foreman	67	7	$80.47	$104.37	$6,060.58
2.27 Ironworker	167	17	$75.17	$96.76	$14,140.70
2.28 Ironworker Helper	133	13	$65.21	$82.49	$9,794.88
2.29 Laborer	500	50	$63.69	$78.98	$35,794.80
2.30 Millwright Foreman	67	7	$95.70	$121.40	$7,189.16
2.31 Millwright	133	13	$90.31	$116.89	$13,600.08
2.32 Millwright Helper	67	7	$69.60	$91.51	$5,250.36
2.33 Painter Foreman	83	8	$75.77	$96.30	$7,116.50
2.34 Painter	167	17	$72.50	$91.62	$13,611.00
2.35 Painter Helper	83	8	$63.69	$78.98	$5,965.80
2.36 Pipefitter Foreman	667	167	$98.51	$125.48	$86,587.02
2.37 Pipefitter	1333	333	$96.47	$122.55	$169,479.04
2.38 Pipefitter Helper	667	167	$84.45	$105.31	$73,849.62
2.39 Welder - Certified Structural	667	67	$75.17	$96.76	$56,562.80
2.40 Welder - Certified Piping/Pressure Vessel	333	33	$113.49	$152.53	$42,913.92
2.41 Welder Helper	33	7	$101.65	$135.56	$4,292.20
(A) Estimated Labor					$ 1,617,940.36
(B) Equipment Operating Costs		Est. # of Days	Daily Rate		
Company Pickup Truck		50	$ 200.00		$ 10,000.00
Company Service Truck		50	$ 200.00		$ 10,000.00
		% Markup - Not to Exceed 10%			
(C) Estimated Material	$1,333,333		18.00%		$ 1,573,333.33
(D) Estimated Subcontracts	$666,667		18.00%		$ 786,666.67
(E) Estimated Equipment Rental	$166,667		18.00%		$ 196,666.67
T&M to Lump Sum Conversion Bid			0.00%		
Total 3-Year Bid Price (Enter total on Proposal Form Part 1)					$ 4,194,607.03

W.W. Gay 141120240 APPENDIX A, Alt 1 Rates for 2025 Only

1/1/25-12/31/25

RESPONDENT RATES WORKBOOK

GENERAL CONSTRUCTION SERVICES

(Enter data in the yellow cells)

W.W. Gay Mechanical Contractor, Inc.	Estimated Hours for		Hourly Labor Rates		One-Year Bid Price
	Straight Time	Overtime	Straight Time	Overtime	
2.1 Project Manager	693	33	$117.25	$159.73	$86,619.12
2.2 Field Superintendent	693	167	$81.49	$108.46	$74,580.22
2.4 Boilermaker Foreman	667	167	$120.02	$161.66	$106,954.28
2.5 Boilermaker	1333	333	$116.75	$155.80	$207,602.56
2.6 Boilermaker Helper	667	167	$107.88	$143.07	$95,762.44
2.7 Carpenter Foreman	83	8	$79.03	$99.56	$7,415.70
2.8 Carpenter	167	17	$75.77	$94.88	$14,209.40
2.9 Carpenter Helper	83	8	$66.96	$82.25	$6,265.00
2.10 Concrete Foreman	83	8	$77.40	$97.22	$7,260.20
2.11 Concrete Finisher	167	17	$75.77	$94.88	$14,209.40
2.12 Electrician Foreman	333	33	$102.62	$141.56	$38,926.80
2.13 Electrician	667	67	$94.46	$129.86	$71,633.60
2.14 Electrician Helper	333	33	$86.30	$118.16	$32,706.80
2.15 Equipment Operator	333	33	$89.37	$114.75	$33,615.50
2.16 Equipment Operator Helper	167	17	$77.67	$97.98	$14,577.88
2.17 HVAC Foreman	33	3	$101.77	$128.74	$3,821.64
2.18 HVAC Technician	67	7	$100.14	$126.40	$7,518.88
2.19 HVAC Technician Helper	67	7	$88.04	$109.04	$6,596.08
2.20 I&C Foreman	333	33	$144.98	$187.46	$54,576.80
2.21 I&C Technician	667	67	$128.66	$164.06	$96,713.60
2.22 I&C Technician Helper	500	50	$112.34	$140.66	$63,205.20
2.23 Insulation Foreman	133	13	$94.46	$129.86	$14,326.72
2.24 Insulation Worker	250	25	$86.30	$118.16	$24,530.10
2.25 Insulation Helper	167	17	$78.14	$106.46	$14,798.40
2.26 Ironworker Foreman	67	7	$83.74	$107.63	$6,299.94
2.27 Ironworker	167	17	$78.43	$100.03	$14,739.10
2.28 Ironworker Helper	133	13	$68.48	$85.75	$10,273.60
2.29 Laborer	500	50	$66.96	$82.25	$37,590.00
2.30 Millwright Foreman	67	7	$98.96	$124.66	$7,428.52
2.31 Millwright	133	13	$93.58	$120.15	$14,078.80
2.32 Millwright Helper	67	7	$72.87	$94.77	$5,489.72
2.33 Painter Foreman	83	8	$79.03	$99.56	$7,415.70
2.34 Painter	167	17	$75.77	$94.88	$14,209.40
2.35 Painter Helper	83	8	$66.96	$82.25	$6,265.00
2.36 Pipefitter Foreman	667	167	$101.77	$128.74	$89,307.02
2.37 Pipefitter	1333	333	$99.73	$125.82	$174,919.04
2.38 Pipefitter Helper	667	167	$87.71	$108.58	$76,569.62
2.39 Welder - Certified Structural	667	67	$78.43	$100.03	$58,956.40
2.40 Welder - Certified Piping/Pressure Vessel	333	33	$116.75	$155.80	$44,110.72
2.41 Welder Helper	33	7	$104.92	$138.83	$4,422.76
(A) Estimated Labor					$ 1,670,501.64
(B) Equipment Operating Costs		Est. # of Days	Daily Rate		
Company Pickup Truck		50	$ 200.00		$ 10,000.00
Company Service Truck		50	$ 200.00		$ 10,000.00
		% Markup - Not to Exceed 10%			
(C) Estimated Material	$1,333,333		18.00%		$ 1,573,333.33
(D) Estimated Subcontracts	$666,667		18.00%		$ 786,666.67
(E) Estimated Equipment Rental	$166,667		18.00%		$ 196,666.67
T&M to Lump Sum Conversion Bid			0.00%		
Total 3-Year Bid Price (Enter total on Proposal Form Part 1)					$ 4,247,168.31

W.W. Gay 141120240 APPENDIX A, Alt 1 Rates for 2026 Only 1/1/26-12/31/26

RESPONDENT RATES WORKBOOK

GENERAL CONSTRUCTION SERVICES

(Enter data in the yellow cells)

W.W. Gay Mechanical Contractor, Inc.	Estimated Hours for		Hourly Labor Rates		One-Year Bid Price	
	Straight Time	Overtime	Straight Time	Overtime		
2.1 Project Manager	693	33	$120.52	$163.00	$88,990.96	
2.2 Field Superintendent	693	167	$84.76	$111.73	$77,387.26	
2.4 Boilermaker Foreman	667	167	$123.28	$164.92	$109,674.28	
2.5 Boilermaker	1333	333	$120.02	$159.06	$213,042.56	
2.6 Boilermaker Helper	667	167	$111.14	$146.34	$98,482.44	
2.7 Carpenter Foreman	83	8	$82.30	$102.83	$7,714.90	
2.8 Carpenter	167	17	$79.03	$98.15	$14,807.80	
2.9 Carpenter Helper	83	8	$70.22	$85.51	$6,564.20	
2.10 Concrete Foreman	83	8	$80.66	$100.49	$7,559.40	
2.11 Concrete Finisher	167	17	$79.03	$98.15	$14,807.80	
2.12 Electrician Foreman	333	33	$105.89	$144.83	$40,123.60	
2.13 Electrician	667	67	$97.73	$133.13	$74,027.20	
2.14 Electrician Helper	333	33	$89.57	$121.43	$33,903.60	
2.15 Equipment Operator	333	33	$92.64	$118.02	$34,812.30	
2.16 Equipment Operator Helper	167	17	$80.93	$101.24	$15,176.28	
2.17 HVAC Foreman	33	3	$105.04	$132.01	$3,941.32	
2.18 HVAC Technician	67	7	$103.41	$129.67	$7,758.24	
2.19 HVAC Technician Helper	67	7	$91.30	$112.31	$6,835.44	
2.20 I&C Foreman	333	33	$148.25	$190.73	$55,773.60	
2.21 I&C Technician	667	67	$131.93	$167.33	$99,107.20	
2.22 I&C Technician Helper	500	50	$115.61	$143.93	$65,000.40	
2.23 Insulation Foreman	133	13	$97.73	$133.13	$14,805.44	
2.24 Insulation Worker	250	25	$89.57	$121.43	$25,427.70	
2.25 Insulation Helper	167	17	$81.41	$109.73	$15,396.80	
2.26 Ironworker Foreman	67	7	$87.00	$110.90	$6,539.30	
2.27 Ironworker	167	17	$81.70	$103.29	$15,337.50	
2.28 Ironworker Helper	133	13	$71.74	$89.02	$10,752.32	
2.29 Laborer	500	50	$70.22	$85.51	$39,385.20	
2.30 Millwright Foreman	67	7	$102.23	$127.93	$7,667.88	
2.31 Millwright	133	13	$96.84	$123.41	$14,557.52	
2.32 Millwright Helper	67	7	$76.13	$98.03	$5,729.08	
2.33 Painter Foreman	83	8	$82.30	$102.83	$7,714.90	
2.34 Painter	167	17	$79.03	$98.15	$14,807.80	
2.35 Painter Helper	83	8	$70.22	$85.51	$6,564.20	
2.36 Pipefitter Foreman	667	167	$105.04	$132.01	$92,027.02	
2.37 Pipefitter	1333	333	$103.00	$129.08	$180,359.04	
2.38 Pipefitter Helper	667	167	$90.97	$111.84	$79,289.62	
2.39 Welder - Certified Structural	667	67	$81.70	$103.29	$61,350.00	
2.40 Welder - Certified Piping/Pressure Vessel	333	33	$120.02	$159.06	$45,307.52	
2.41 Welder Helper	33	7	$108.18	$142.09	$4,553.32	
(A) Estimated Labor					$ 1,723,062.92	$ 5,011,504.92
(B) Equipment Operating Costs		Est. # of Days	Daily Rate			
Company Pickup Truck		50	$ 200.00		$ 10,000.00	$ 30,000.00
Company Service Truck		50	$ 200.00		$ 10,000.00	$ 30,000.00
		% Markup - Not to Exceed 10%				
(C) Estimated Material	$1,333,333		18.00%		$ 1,573,333.33	$ 4,720,000.00
(D) Estimated Subcontracts	$666,667		18.00%		$ 786,666.67	$ 2,360,000.00
(E) Estimated Equipment Rental	$166,667		18.00%		$ 196,666.67	$ 590,000.00
T&M to Lump Sum Conversion Bid			0.00%			
Total 3-Year Bid Price (Enter total on Proposal Form Part 1)					$ 4,299,729.59	$ 12,741,504.92

Award #4 12/14/2023 Supporting Documents

RESPONDENT RATES WORKBOOK

WG YATES & SONS CONSTRUCTION COMPANY	Estimated Hours for Straight Time	Estimated Hours for Overtime	Hourly Labor Rates Straight Time	Hourly Labor Rates Overtime	Three-Year Bid Price
2.1 Project Manager	2080	100	$89.66	$89.66	$195,458.80
2.2 Field Superintendent	2080	500	$83.28	$83.28	$214,862.40
2.21 Safety Manager			$75.45	$75.45	
2.22 QAQC Manager			$78.28	$78.28	
2.23 Planner / Clerical			$58.36	$58.36	
2.24 All Crafts General Foreman			$63.79	$87.98	
2.4 Boilermaker Foreman	2000	500	$62.13	$84.54	$166,530.00
2.5 Boilermaker	4000	1000	$54.59	$74.75	$293,110.00
2.6 Boilermaker Helper	2000	500	$43.68	$59.04	$116,880.00
2.7 Carpenter Foreman	250	25	$60.83	$82.28	$17,264.50
2.8 Carpenter	500	50	$53.31	$72.52	$30,281.00
2.9 Carpenter Helper	250	25	$44.40	$59.76	$12,594.00
2.10 Concrete Foreman	250	25	$60.83	$82.28	$17,264.50
2.11 Concrete Finisher	500	50	$53.31	$72.52	$30,281.00
2.15 Equipment Operator	1000	100	$51.98	$71.19	$59,099.00
2.16 Equipment Operator Helper	500	50	$37.59	$50.40	$21,315.00
2.26 Ironworker Foreman	200	20	$62.45	$84.86	$14,187.20
2.27 Ironworker	500	50	$54.88	$75.04	$31,192.00
2.28 Ironworker Helper	400	40	$43.90	$59.26	$19,930.40
2.29 Laborer	1500	150	$38.48	$51.29	$65,413.50
2.30 Millwright Foreman	200	20	$61.73	$84.14	$14,028.80
2.31 Millwright	400	40	$54.23	$74.39	$24,667.60
2.32 Millwright Helper	200	20	$43.41	$58.77	$9,857.40
2.36 Pipefitter Foreman	2000	500	$61.86	$84.27	$165,855.00
2.37 Pipefitter	4000	1000	$54.34	$74.50	$291,860.00
2.38 Pipefitter Helper	2000	500	$43.49	$58.85	$116,405.00
2.39 Welder - Certified Structural	2000	200	$54.97	$75.13	$124,966.00
2.40 Welder - Certified Piping/Pressure Vessel	1000	100	$61.54	$84.59	$69,999.00
2.41 Welder Helper	100	20	$46.92	$63.56	$5,963.20
(A) Estimated Labor					$ 2,129,265.30
(B) Equipment Operating Costs		Est. # of Days	Daily Rate		
Company Pickup Truck		150	$ 135.00		$ 20,250.00
Company Service Truck		150	$ 150.00		$ 22,500.00
		% Markup - Not to Exceed 10%			
(C) Estimated Material	$4,000,000		7.00%		$ 4,280,000.00
(D) Estimated Subcontracts	$1,000,000		7.00%		$ 1,070,000.00
(E) Estimated Equipment Rental	$500,000		7.00%		$ 535,000.00
T&M to Lump Sum Conversion Bid			2.00%		
Total 3-Year Bid Price (Enter total on Proposal Form Part 1)					$ 8,057,015.30

Please note that the attached rates are in consideration of the following:
This offering (Rev 3 - Final Revision) will supplant all previously submitted rates

Perdiem is included in the rates, no additional billing for perdiem will exist

Cap on equipment markup increased to $5,000 per TA

The new Indirect Personnel rates will be utilized on an as-encountered basis when mutually agreed by the JEA PM or Representative
Cap on materials markup increased to $5,000 per TA
Price Adjustment Annually

W.W. Gay 141120240 APPENDIX A, Alt 1 Rates for 2024 Only 1/1/24-12/31/24

RESPONDENT RATES WORKBOOK
GENERAL CONSTRUCTION SERVICES
(Enter data in the yellow cells)

W.W. Gay Mechanical Contractor, Inc.	Estimated Hours for		Hourly Labor Rates		One-Year Bid Price
	Straight Time	Overtime	Straight Time	Overtime	
2.1 Project Manager	693	33	$113.99	$156.47	$84,247.28
2.2 Field Superintendent	693	167	$78.23	$105.20	$71,773.18
2.4 Boilermaker Foreman	667	167	$116.75	$158.40	$104,234.28
2.5 Boilermaker	1333	333	$113.49	$152.53	$202,162.56
2.6 Boilermaker Helper	667	167	$104.61	$139.81	$93,042.44
2.7 Carpenter Foreman	83	8	$75.77	$96.30	$7,116.50
2.8 Carpenter	167	17	$72.50	$91.62	$13,611.00
2.9 Carpenter Helper	83	8	$63.69	$78.98	$5,965.80
2.10 Concrete Foreman	83	8	$74.14	$93.96	$6,961.00
2.11 Concrete Finisher	167	17	$72.50	$91.62	$13,611.00
2.12 Electrician Foreman	333	33	$99.36	$138.30	$37,730.00
2.13 Electrician	667	67	$91.20	$126.60	$69,240.00
2.14 Electrician Helper	333	33	$83.04	$114.90	$31,510.00
2.15 Equipment Operator	333	33	$86.11	$111.49	$32,418.70
2.16 Equipment Operator Helper	167	17	$74.41	$94.71	$13,979.48
2.17 HVAC Foreman	33	3	$98.51	$125.48	$3,701.96
2.18 HVAC Technician	67	7	$96.88	$123.14	$7,279.52
2.19 HVAC Technician Helper	67	7	$84.77	$105.78	$6,356.72
2.20 I&C Foreman	333	33	$141.72	$184.20	$53,380.00
2.21 I&C Technician	667	67	$125.40	$160.80	$94,320.00
2.22 I&C Technician Helper	500	50	$109.08	$137.40	$61,410.00
2.23 Insulation Foreman	133	13	$91.20	$126.60	$13,848.00
2.24 Insulation Worker	250	25	$83.04	$114.90	$23,632.50
2.25 Insulation Helper	167	17	$74.88	$103.20	$14,200.00
2.26 Ironworker Foreman	67	7	$80.47	$104.37	$6,060.58
2.27 Ironworker	167	17	$75.17	$96.76	$14,140.70
2.28 Ironworker Helper	133	13	$65.21	$82.49	$9,794.88
2.29 Laborer	500	50	$63.69	$78.98	$35,794.80
2.30 Millwright Foreman	67	7	$95.70	$121.40	$7,189.16
2.31 Millwright	133	13	$90.31	$116.89	$13,600.08
2.32 Millwright Helper	67	7	$69.60	$91.51	$5,250.36
2.33 Painter Foreman	83	8	$75.77	$96.30	$7,116.50
2.34 Painter	167	17	$72.50	$91.62	$13,611.00
2.35 Painter Helper	83	8	$63.69	$78.98	$5,965.80
2.36 Pipefitter Foreman	667	167	$98.51	$125.48	$86,587.02
2.37 Pipefitter	1333	333	$96.47	$122.55	$169,479.04
2.38 Pipefitter Helper	667	167	$84.45	$105.31	$73,849.62
2.39 Welder - Certified Structural	667	67	$75.17	$96.76	$56,562.80
2.40 Welder - Certified Piping/Pressure Vessel	333	33	$113.49	$152.53	$42,913.92
2.41 Welder Helper	33	7	$101.65	$135.56	$4,292.20
(A) Estimated Labor					$ 1,617,940.36
(B) Equipment Operating Costs		Est. # of Days	Daily Rate		
Company Pickup Truck		50	$ 200.00		$ 10,000.00
Company Service Truck		50	$ 200.00		$ 10,000.00
		% Markup - Not to Exceed 10%			
(C) Estimated Material	$1,100,000		18.00%		$ 1,298,000.00
(D) Estimated Subcontracts	$666,667		18.00%		$ 786,666.67
(E) Estimated Equipment Rental	$166,667		18.00%		$ 196,666.67
T&M to Lump Sum Conversion Bid			0.00%		
Total 3-Year Bid Price (Enter total on Proposal Form Part 1)					$ 3,919,273.69

W.W. Gay 141120240 APPENDIX A, Alt 1 Rates for 2025 Only 1/1/25-12/31/25

RESPONDENT RATES WORKBOOK
GENERAL CONSTRUCTION SERVICES
(Enter data in the yellow cells)

W.W. Gay Mechanical Contractor, Inc.	Estimated Hours for		Hourly Labor Rates		One-Year Bid Price
	Straight Time	Overtime	Straight Time	Overtime	
2.1 Project Manager	693	33	$117.25	$159.73	$86,619.12
2.2 Field Superintendent	693	167	$81.49	$108.46	$74,580.22
2.4 Boilermaker Foreman	667	167	$120.02	$161.66	$106,954.28
2.5 Boilermaker	1333	333	$116.75	$155.80	$207,602.56
2.6 Boilermaker Helper	667	167	$107.88	$143.07	$95,762.44
2.7 Carpenter Foreman	83	8	$79.03	$99.56	$7,415.70
2.8 Carpenter	167	17	$75.77	$94.88	$14,209.40
2.9 Carpenter Helper	83	8	$66.96	$82.25	$6,265.00
2.10 Concrete Foreman	83	8	$77.40	$97.22	$7,260.20
2.11 Concrete Finisher	167	17	$75.77	$94.88	$14,209.40
2.12 Electrician Foreman	333	33	$102.62	$141.56	$38,926.80
2.13 Electrician	667	67	$94.46	$129.86	$71,633.60
2.14 Electrician Helper	333	33	$86.30	$118.16	$32,706.80
2.15 Equipment Operator	333	33	$89.37	$114.75	$33,615.50
2.16 Equipment Operator Helper	167	17	$77.67	$97.98	$14,577.88
2.17 HVAC Foreman	33	3	$101.77	$128.74	$3,821.64
2.18 HVAC Technician	67	7	$100.14	$126.40	$7,518.88
2.19 HVAC Technician Helper	67	7	$88.04	$109.04	$6,596.08
2.20 I&C Foreman	333	33	$144.98	$187.46	$54,576.80
2.21 I&C Technician	667	67	$128.66	$164.06	$96,713.60
2.22 I&C Technician Helper	500	50	$112.34	$140.66	$63,205.20
2.23 Insulation Foreman	133	13	$94.46	$129.86	$14,326.72
2.24 Insulation Worker	250	25	$86.30	$118.16	$24,530.10
2.25 Insulation Helper	167	17	$78.14	$106.46	$14,798.40
2.26 Ironworker Foreman	67	7	$83.74	$107.63	$6,299.94
2.27 Ironworker	167	17	$78.43	$100.03	$14,739.10
2.28 Ironworker Helper	133	13	$68.48	$85.75	$10,273.60
2.29 Laborer	500	50	$66.96	$82.25	$37,590.00
2.30 Millwright Foreman	67	7	$98.96	$124.66	$7,428.52
2.31 Millwright	133	13	$93.58	$120.15	$14,078.80
2.32 Millwright Helper	67	7	$72.87	$94.77	$5,489.72
2.33 Painter Foreman	83	8	$79.03	$99.56	$7,415.70
2.34 Painter	167	17	$75.77	$94.88	$14,209.40
2.35 Painter Helper	83	8	$66.96	$82.25	$6,265.00
2.36 Pipefitter Foreman	667	167	$101.77	$128.74	$89,307.02
2.37 Pipefitter	1333	333	$99.73	$125.82	$174,919.04
2.38 Pipefitter Helper	667	167	$87.71	$108.58	$76,569.62
2.39 Welder - Certified Structural	667	67	$78.43	$100.03	$58,956.40
2.40 Welder - Certified Piping/Pressure Vessel	333	33	$116.75	$155.80	$44,110.72
2.41 Welder Helper	33	7	$104.92	$138.83	$4,422.76
(A) Estimated Labor					$ 1,670,501.64
(B) Equipment Operating Costs		Est. # of Days	Daily Rate		
Company Pickup Truck		50	$ 200.00		$ 10,000.00
Company Service Truck		50	$ 200.00		$ 10,000.00
		% Markup - Not to Exceed 10%			
(C) Estimated Material	$1,100,000		18.00%		$ 1,298,000.00
(D) Estimated Subcontracts	$666,667		18.00%		$ 786,666.67
(E) Estimated Equipment Rental	$166,667		18.00%		$ 196,666.67
T&M to Lump Sum Conversion Bid			0.00%		
Total 3-Year Bid Price (Enter total on Proposal Form Part 1)					$ 3,971,834.97

W.W. Gay 141120240 APPENDIX A, Alt 1 Rates for 2026 Only 1/1/26-12/31/26

RESPONDENT RATES WORKBOOK
GENERAL CONSTRUCTION SERVICES
(Enter data in the yellow cells)

W.W. Gay Mechanical Contractor, Inc.	Estimated Hours for		Hourly Labor Rates		One-Year Bid Price	
	Straight Time	Overtime	Straight Time	Overtime		
2.1 Project Manager	693	33	$120.52	$163.00	$88,990.96	
2.2 Field Superintendent	693	167	$84.76	$111.73	$77,387.26	
2.4 Boilermaker Foreman	667	167	$123.28	$164.92	$109,674.28	
2.5 Boilermaker	1333	333	$120.02	$159.06	$213,042.56	
2.6 Boilermaker Helper	667	167	$111.14	$146.34	$98,482.44	
2.7 Carpenter Foreman	83	8	$82.30	$102.83	$7,714.90	
2.8 Carpenter	167	17	$79.03	$98.15	$14,807.80	
2.9 Carpenter Helper	83	8	$70.22	$85.51	$6,564.20	
2.10 Concrete Foreman	83	8	$80.66	$100.49	$7,559.40	
2.11 Concrete Finisher	167	17	$79.03	$98.15	$14,807.80	
2.12 Electrician Foreman	333	33	$105.89	$144.83	$40,123.60	
2.13 Electrician	667	67	$97.73	$133.13	$74,027.20	
2.14 Electrician Helper	333	33	$89.57	$121.43	$33,903.60	
2.15 Equipment Operator	333	33	$92.64	$118.02	$34,812.30	
2.16 Equipment Operator Helper	167	17	$80.93	$101.24	$15,176.28	
2.17 HVAC Foreman	33	3	$105.04	$132.01	$3,941.32	
2.18 HVAC Technician	67	7	$103.41	$129.67	$7,758.24	
2.19 HVAC Technician Helper	67	7	$91.30	$112.31	$6,835.44	
2.20 I&C Foreman	333	33	$148.25	$190.73	$55,773.60	
2.21 I&C Technician	667	67	$131.93	$167.33	$99,107.20	
2.22 I&C Technician Helper	500	50	$115.61	$143.93	$65,000.40	
2.23 Insulation Foreman	133	13	$97.73	$133.13	$14,805.44	
2.24 Insulation Worker	250	25	$89.57	$121.43	$25,427.70	
2.25 Insulation Helper	167	17	$81.41	$109.73	$15,396.80	
2.26 Ironworker Foreman	67	7	$87.00	$110.90	$6,539.30	
2.27 Ironworker	167	17	$81.70	$103.29	$15,337.50	
2.28 Ironworker Helper	133	13	$71.74	$89.02	$10,752.32	
2.29 Laborer	500	50	$70.22	$85.51	$39,385.20	
2.30 Millwright Foreman	67	7	$102.23	$127.93	$7,667.88	
2.31 Millwright	133	13	$96.84	$123.41	$14,557.52	
2.32 Millwright Helper	67	7	$76.13	$98.03	$5,729.08	
2.33 Painter Foreman	83	8	$82.30	$102.83	$7,714.90	
2.34 Painter	167	17	$79.03	$98.15	$14,807.80	
2.35 Painter Helper	83	8	$70.22	$85.51	$6,564.20	
2.36 Pipefitter Foreman	667	167	$105.04	$132.01	$92,027.02	
2.37 Pipefitter	1333	333	$103.00	$129.08	$180,359.04	
2.38 Pipefitter Helper	667	167	$90.97	$111.84	$79,289.62	
2.39 Welder - Certified Structural	667	67	$81.70	$103.29	$61,350.00	
2.40 Welder - Certified Piping/Pressure Vessel	333	33	$120.02	$159.06	$45,307.52	
2.41 Welder Helper	33	7	$108.18	$142.09	$4,553.32	
(A) Estimated Labor					$ 1,723,062.92	$ 5,011,504.92
(B) Equipment Operating Costs		Est. # of Days	Daily Rate			
Company Pickup Truck		50	$ 200.00		$ 10,000.00	$ 30,000.00
Company Service Truck		50	$ 200.00		$ 10,000.00	$ 30,000.00
		% Markup - Not to Exceed 10%				
(C) Estimated Material	$1,171,606		18.00%		$ 1,382,495.08	$ 3,978,495.08
(D) Estimated Subcontracts	$666,667		18.00%		$ 786,666.67	$ 2,360,000.00
(E) Estimated Equipment Rental	$166,667		18.00%		$ 196,666.67	$ 590,000.00
T&M to Lump Sum Conversion Bid			0.00%			
Total 3-Year Bid Price (Enter total on Proposal Form Part 1)					$ 4,108,891.33	$ 12,000,000.00

Award #4 12/14/2023 Supporting Documents

RESPONDENT RATES WORKBOOK

WG YATES & SONS CONSTRUCTION COMPANY	Estimated Hours for Straight Time	Estimated Hours for Overtime	Hourly Labor Rates Straight Time	Hourly Labor Rates Overtime	Three-Year Bid Price
2.1 Project Manager	5408	100	$89.66	$89.66	$493,847.28
2.2 Field Superintendent	5408	500	$83.28	$83.28	$492,018.24
2.21 Safety Manager	0		$75.45	$75.45	$0.00
2.22 QAQC Manager	0		$78.28	$78.28	$0.00
2.23 Planner / Clerical	0		$58.36	$58.36	$0.00
2.24 All Crafts General Foreman	0		$63.79	$87.98	$0.00
2.4 Boilermaker Foreman	5200	500	$62.13	$84.54	$365,346.00
2.5 Boilermaker	10400	1000	$54.59	$74.75	$642,486.00
2.6 Boilermaker Helper	5200	500	$43.68	$59.04	$256,656.00
2.7 Carpenter Foreman	650	25	$60.83	$82.28	$41,596.50
2.8 Carpenter	1300	50	$53.31	$72.52	$72,929.00
2.9 Carpenter Helper	650	25	$44.40	$59.76	$30,354.00
2.10 Concrete Foreman	650	25	$60.83	$82.28	$41,596.50
2.11 Concrete Finisher	1300	50	$53.31	$72.52	$72,929.00
2.15 Equipment Operator	2600	100	$51.98	$71.19	$142,267.00
2.16 Equipment Operator Helper	1300	50	$37.59	$50.40	$51,387.00
2.26 Ironworker Foreman	520	20	$62.45	$84.86	$34,171.20
2.27 Ironworker	1300	50	$54.88	$75.04	$75,096.00
2.28 Ironworker Helper	1040	40	$43.90	$59.26	$48,026.40
2.29 Laborer	3900	150	$38.48	$51.29	$157,765.50
2.30 Millwright Foreman	520	20	$61.73	$84.14	$33,782.40
2.31 Millwright	1040	40	$54.23	$74.39	$59,374.80
2.32 Millwright Helper	520	20	$43.41	$58.77	$23,748.60
2.36 Pipefitter Foreman	5200	500	$61.86	$84.27	$363,807.00
2.37 Pipefitter	10400	1000	$54.34	$74.50	$639,636.00
2.38 Pipefitter Helper	5200	500	$43.49	$58.85	$255,573.00
2.39 Welder - Certified Structural	5200	200	$54.97	$75.13	$300,870.00
2.40 Welder - Certified Piping/Pressure Vessel	2600	100	$61.54	$84.59	$168,463.00
2.41 Welder Helper	260	20	$46.92	$63.56	$13,470.40
(A) Estimated Labor					$4,877,196.82
(B) Equipment Operating Costs		Est. # of Days	Daily Rate		
Company Pickup Truck		400	$ 135.00		$ 54,000.00
Company Service Truck		400	$ 150.00		$ 60,000.00
		% Markup - Not to Exceed 10%			
(C) Estimated Material	$8,000,000		7.00%		$ 8,560,000.00
(D) Estimated Subcontracts	$2,057,761		7.00%		$ 2,201,804.25
(E) Estimated Equipment Rental	$2,099,999		7.00%		$ 2,246,998.93
T&M to Lump Sum Conversion Bid			2.00%		
Total 3-Year Bid Price (Enter total on Proposal Form Part 1)					$ 18,000,000.00

Please note that the attached rates are in consideration of the following:
This offering (Rev 3 - Final Revision) will supplant all previously submitted rates

Perdiem is included in the rates, no additional billing for perdiem will exist

Cap on equipment markup increased to $5,000 per TA

The new Indirect Personnel rates will be utilized on an as-encountered basis when mutually agreed by the JEA PM or Representative
Cap on materials markup increased to $5,000 per TA
Price Adjustment Annually

Award #4 12/14/2023 Supporting Documents

#	GC Summary Evaluation Matrix							
	Vendor Rankings	Meyers				Total Points	Rank	
1	WG Yates	95				95	**1**	
2	WW Gay	82				82	**2**	
#		Price 40 Points	Past Performance 36 points	Resumes 14 points	Safety 5 points	Proximity 5 points	Total	Rank
1	WG Yates	40.0	36.0	14.0	4.9	5	94.9	1
2	WW Gay	26.9	36.0	14.0	5	5	81.9	2

WG Yates Bid Total	**$8,579,775.30**	40
WW Gay Bid Total	**$12,741,504.92**	26.93488832

EMR 2020	**2021**	**2022**	**2023**	**Average**
	0.65	0.63	0.63	0.636666667
0.66	0.64	0.58		0.626666667

WG Yates	4.921465969
WW Gay	5

Appendix B - Bid Forms
1411299246 General Constrution Services for JEA

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

Company Name: W.W. Gay Mechanical Contractors, Inc.

Company's Address: 524 Stockton Street, Jacksonville, FL 32204

License Number: CGC 1529025. CMC1250830. CFC 1430605

Phone Number: 904-388-2696 FAX No: 904-757-8818 Email Address: kfoster@wwgmc.com

BID SECURITY REQUIREMENTS
☐ None required
☒ Certified Check or Bond Five Percent (5%)

TERM OF CONTRACT
☐ One Time Purchase
☒ Term - three (3) Years w/Two (2) – 1Yr 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 $1,000,000 of Bid Award

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

INSURANCE REQUIREMENTS
Insurance required

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

Item No.	ENTER YOUR BID FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES:	TOTAL BID PRICE
1	**Total from the Bid Workbook for solicitation 1411299246**	$ 12,314,251.80
2	**Alternate 1 Based upon format of Contract 167304**	$ 11,684,553.21

For Evaluation of Local Office Proximity

Final Clarified Rates $12,741,504.92

Local Office Address: 524 Stockton Street, Jacksonville, FL 32204

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

BIDDER CERTIFICATION

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

We have received addenda

___1____ through ___1____

Handwritten Signature of Authorized Officer of Company or Agent

Date 8/29/23

David K Foster – P.M.
Printed Name and Title

Award #4 12/14/2023 Supporting Documents

JEA Solicitation Number _1411299246_____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

Subcontractors to be determined as work is defined and released.

Signed: _____

Company: W.W. Gay Mechanical Contractor, Inc

Address: 524 Stockton Street, Jacksonville, FL 32204

Date: 8/29/23

LIST OF JSEB SUBCONTRACTORS

The following JSEB Subcontractors will be utilized in fulfilling the terms and conditions of a Project Authorization arising from award of JEA - 1411299246. I (We) the undersigned understand that failure to submit said information will result in bid rejection. I (We) will employ the JSEB Subcontractors specified below: (Use additional sheets as necessary)

Class of Work (Category) Dollar Amount	Name of JSEB Contractor (Indicate below)	Percentage of Total Job or

To be determined as work is defined and released

Signed: _____

Company: W.W. Gay Mechanical Contractor, Inc.

Address: 524 Stockton Street, Jacksonville, FL 32204

Date: 8/29/23

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

CONFLICT OF INTEREST DISCLOSURE FORM

*Disclosing a potential conflict of interest does not disqualify vendors. In the event vendors do not disclose potential conflicts of interest, and they are detec by JEA, vendor may be **disqualified** from doing business with JEA.*

Questions about this form? Contact (JEA, Buyer)

JEA Bid/Solicitation/Contract Number: 1411299246	Name of JEA Employee(s) Working on Vendor's Current Contract(s) with JEA:
Vendor Name: W.W. Gay Mechanical Contractor, Inc.	Vendor Phone: 904-288-3696
Vendor's Authorized Representative Name and Title: David K. Foster – P.M.	Authorized Representative's Phone: 904-445-9651

NAME(S) OF JEA EMPLOYEE(S) / PUBLIC OFFICER(S) WITH POTENTIAL CONFLICT OF INTEREST

Name of JEA public officer(s), employee(s), or relatives with whom there may be a potential conflict of interest. If more than five, attach a second form.	Relationship of JEA public officer(s)/employee(s) and/or relative(s) to vendor's company from list above (e.g. 1(a), 2, etc.). Please list all that apply:
1.None	
2.	
3.	
4.	
5.	

X Vendor has no conflict of interest to report.

X Vendor hereby declares it has not and will not provide gifts or hospitality of any dollar value or any other gratuities to any JEA officer or employee to obtain or maintain a contract.

X I certify that this Conflict of Interest Disclosure has been examined by me and that its contents are true and correct to my knowledge and belief and I have the authority to so certify on behalf of the Vendor.

Vendor's Authorized Representative Signature: Date: 8/29/23

FOR JEA USE ONLY IF CONFLICT NOTED

This form has been reviewed by:

Name of JEA Ethics Officer:	Signature:	Date:
Note:		

BID BOND

STATE OF FLORIDA

COUNTY OF: **Duval**)

KNOW ALL PERSONS BY THESE PRESENTS, That we, **W.W. Gay Mechanical Contractor, Inc.** (hereinafter called "Principal"), and **Federal Insurance Company** as Surety (hereinafter called "Surety"), are held and firmly bound unto the JEA of the City of Jacksonville, Florida (hereinafter called the "JEA"), in the sum of $ **5% of Bid**, lawful money of the United States of America, for the payment which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents:

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

JEA General Construction Services for JEA - Solicitation Number: 1411299246

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

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

IN WITNESS WHEREOF, the said Principal and the said Surety have duly executed this bond the **24th** day of **August**, 20**23**.

ATTEST:

Signature

SAM TOWNSEND
Type/Print Name

Signature

DEBORAH JAMES
Type/Print Name

Signed, Sealed and Delivered in the Presence of:

Signature

Anita Waters
Type/Print Name

Signature

Cory Broadaway
Type/Print Name

W.W. Gay Mechanical Contractor, Inc.
(Principal Company Name)

Signature

DAVID K. FOSTER
Type/Print Name

P. M.
Title
AS PRINCIPAL

Federal Insurance Company
(Surety Company Name)

Signature

William J. Palmer
Type/Print Name

Attorney-In-Fact, Florida Resident Agent
Title
AS SURETY

Name of Agent: **Hatcher Insurance**

Address: **1411 Edgewater Drive, Suite 104**

Orlando, FL 32854 (407) 841-2686

Countersigned:

By **N/A**
Resident Agent
State of Florida

Name of Firm: **N/A**

Address: **N/A**

N/A

Form Approved:

Assistant General Counsel

CHUBB

Power of Attorney

Federal Insurance Company | Vigilant Insurance Company | Pacific Indemnity Company
Westchester Fire Insurance Company | ACE American Insurance Company

Know All by These Presents, that **FEDERAL INSURANCE COMPANY**, an Indiana corporation, **VIGILANT INSURANCE COMPANY**, a New York corporation, **PACIFIC INDEMNITY COMPANY**, a Wisconsin corporation, **WESTCHESTER FIRE INSURANCE COMPANY** and **ACE AMERICAN INSURANCE COMPANY** corporations of the Commonwealth of Pennsylvania, do each hereby constitute and appoint Marion F. Hatcher III, Matthew Mahoney, William J. Palmer and Bryan T. Robertson of Orlando, Florida ----------

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said **FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY** and **ACE AMERICAN INSURANCE COMPANY** have each executed and attested these presents and affixed their corporate seals on this **23rd** day of **June, 2023.**

Dawn M. Chloros, Assistant Secretary

Stephen M. Haney, Vice President

STATE OF NEW JERSEY
County of Hunterdon ss.

On this **23rd** day of **June, 2023** before me, a Notary Public of New Jersey, personally came Dawn M. Chloros and Stephen M. Haney, to me known to be Assistant Secretary and Vice President, respectively, of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros and Stephen M. Haney, being by me duly sworn, severally and each for herself and himself did depose and say that they are Assistant Secretary and Vice President, respectively, of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY and know the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of said Companies; and that their signatures as such officers were duly affixed and subscribed by like authority.

Notarial Seal

Albert Contursi
NOTARY PUBLIC OF NEW JERSEY
No 50202369
Commission Expires August 22,2027

Notary Public

CERTIFICATION

Resolutions adopted by the Boards of Directors of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY on August 30, 2016; WESTCHESTER FIRE INSURANCE COMPANY on December 11, 2006; and ACE AMERICAN INSURANCE COMPANY on March 20, 2009:

"RESOLVED, that the following authorizations relate to the execution, for and on behalf of the Company, of bonds, undertakings, recognizances, contracts and other written commitments of the Company entered into in the ordinary course of business (each a "Written Commitment"):

(1) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise.

(2) Each duly appointed attorney-in-fact of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise, to the extent that such action is authorized by the grant of powers provided for in such person's written appointment as such attorney-in-fact.

(3) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to appoint in writing any person the attorney-in-fact of the Company with full power and authority to execute, for and on behalf of the Company, under the seal of the Company or otherwise, such Written Commitments of the Company as may be specified in such written appointment, which specification may he by general type or class of Written Commitments or by specification of one or more particular Written Commitments.

(4) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to delegate in writing to any other officer of the Company the authority to execute, for and on behalf of the Company, under the Company's seal or otherwise, such Written Commitments of the Company as are specified in such written delegation, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.

(5) The signature of any officer or other person executing any Written Commitment or appointment or delegation pursuant to this Resolution, and the seal of the Company, may be affixed by facsimile on such Written Commitment or written appointment or delegation.

FURTHER RESOLVED, that the foregoing Resolution shall not be deemed to be an exclusive statement of the powers and authority of officers, employees and other persons to act for and on behalf of the Company, and such Resolution shall not limit or otherwise affect the exercise of any such power or authority otherwise validly granted or vested."

I, Dawn M. Chloros, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY (the "Companies") do hereby certify that

(i) the foregoing Resolutions adopted by the Board of Directors of the Companies are true, correct and in full force and effect,
(ii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Whitehouse Station, NJ, this August 24, 2023

Dawn M. Chloros, Assistant Secretary

IN THE EVENT YOU WISH TO VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT:
Telephone (908) 903-3493 Fax (908) 903-3656 e-mail: surety@chubb.com

THE NATIONAL BOARD
OF
BOILER & PRESSURE VESSEL INSPECTORS

Certificate of Authorization

This is to certify that

W.W. Gay Mechanical Contractor, Inc.
524 Stockton Street
Jacksonville, Florida 32204
United States

is authorized to use the R Symbol in accordance with the provisions of the National Board Inspection Code and NB-415, Accreditation of "R" Repair Organizations.

All activities within the scope of this Authorization shall be controlled by the above location.
The scope of this Authorization is limited to:

Metallic
Repairs and Alterations
At
Shop and Field Locations

Certification Number: 880

Issue Date: October 21, 2022

Expiration Date: December 31, 2025

Executive Director

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

W.W. Gay Mechanical Contractor, Inc.
524 Stockton Street
Jacksonville, Florida 32204
United States

SCOPE:

Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)

AUTHORIZED:	**December 31, 2022**
EXPIRES:	**December 31, 2025**
CERTIFICATE NUMBER:	**8913**

Board Chair, Conformity Assessment

Managing Director, Standards & Engineering Services

The American Society of Mechanical Engineers

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

W.W. Gay Mechanical Contractor, Inc.
524 Stockton Street
Jacksonville, Florida 32204
United States

SCOPE:

Manufacture and assembly of power boilers at the above location and field sites controlled by the above location

AUTHORIZED: **December 31, 2022**

EXPIRES: **December 31, 2025**

CERTIFICATE NUMBER: **24412**

Board Chair, Conformity Assessment

Managing Director, Standards & Engineering Services

The American Society of Mechanical Engineers

Ron DeSantis, Governor

Melanie S. Griffin, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

JONES, PAUL VERNON JR

W. W. GAY MECHANICAL CONTRACTOR, INC.
3220 39TH ST
ORLANDO FL 32839

LICENSE NUMBER: CGC1529025

EXPIRATION DATE: AUGUST 31, 2024

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

Award #4 12/14/2023 Supporting Documents

Bid Form

Appendix B - Bid Forms
1411299246 General Constrution Services for JEA

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

Company Name: W.G. Yates & Sons Construction Company

Company's Address: 11025 Blasius Road, Jacksonville, Fl 32226

License Number: CGC016099

Phone Number: 904-714-1376 FAX No: 904-714-0008 Email Address: ddavis@wgyates.com

BID SECURITY REQUIREMENTS
☐ None required
☒ Certified Check or Bond Five Percent (5%)

TERM OF CONTRACT
☐ One Time Purchase
☒ Term - three (3) Years w/Two (2) – 1Yr 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 $1,000,000 of Bid Award

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

INSURANCE REQUIREMENTS
Insurance required

PAYMENT DISCOUNTS
☐ 1% 20, net 30
☐ 2% 10, net 30
☐ Other ____
☒ None Offered

Item No.	ENTER YOUR BID FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES:	TOTAL BID PRICE
1	**Total from the Bid Workbook for solicitation 1411299246**	$ 8,840,102.75

For Evaluation of Local Office Proximity

Negotiated Rates $8,579,775.30

Local Office Address: 11025 Blasius Road, Jacksonville, FL 32226

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

BIDDER CERTIFICATION

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

We have received addenda 1 through 1

Handwritten Signature of Authorized Officer of Company or Agent — Date: 8/29/2023

Edward D. Davis - Division Manager
Printed Name and Title

Clarifications

Yates will propose to include in the terms and conditions of contract a provision for the Limitation of Liability that is equal to that which was included in contract #167301 dated August 28, 2017.

Bid Bond

BID BOND

STATE OF FLORIDA

COUNTY OF: Duval)

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

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

General Construction Services for JEA

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

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

IN WITNESS WHEREOF, the said Principal and the said Surety have duly executed this bond the 29th day of August, 2023.

ATTEST:

Peggy Malone
Signature

Peggy Malone
Type/Print Name

Mitzi Hester
Signature

Mitzi Hester
Type/Print Name

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

Melanie Jenkins
Signature

Melanie Jenkins
Type/Print Name

Corp. Sec.
Title

AS PRINCIPAL

Signed, Sealed and Delivered in the Presence of:

Signature

Type/Print Name

Signature

Type/Print Name

Fidelity & Deposit Company of Maryland
(Surety Company Name)

George F. Burnett
Signature

George F. Burnett
Type/Print Name

Attorney-in-Fact
Title

AS SURETY

Name of Agent: George F. Burnett

Address: 802 Kosciusko Road

Philadelphia, MS 39350

Countersigned:

By Robert Corley McLendon
Resident Agent Robert Corley McLendon
State of Florida

Name of Firm: Fisher-Brown-Bottrell

Address: 1701 W. Garden Street

Pensacola, Florida 32502

Form Approved:

Assistant General Counsel

BIDBOND.DOC

Page 2

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

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

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

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 30th day of June, A.D. 2023.

Colonial American Casualty and Surety Company CORPORATE SEAL

Zurich American Insurance Company CORPORATE SEAL 1977 NEW YORK

Fidelity and Deposit Company of Maryland CORPORATE SEAL 1890

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

By: Robert D. Murray
Vice President

By: Dawn E. Brown
Secretary

State of Maryland
County of Baltimore

On this 30th day of June A.D. 2023, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

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

Iva Bethea
Notary Public
My Commission Expires September 30, 2023

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

EXTRACT FROM BY-LAWS OF THE COMPANIES

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

CERTIFICATE

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

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

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

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

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

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 29th day of August, 2023.

By: Mary Jean Pethick
Vice President

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

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

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

Subcontractors List

LIST OF SUBCONTRACTORS

JEA Solicitation Number #1411299246 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
Electrical & Instrumentation	Cogburn Bros., Inc.	Damon Driggers 904-652-1054		TBD
Structural Fabrication	Craven Industrial Construction Co.	Donnie Bryan 386-855-0720		TBD
Structural Fabrication	Rubin Iron Works	Brad Harrie 904-356-5635		TBD
Crane Supply	Beyel Crane	Kevin McElveen 904-654-9697		TBD
Pipe, Valves, and Fittings Supply	Ferguson Industrial	Heyward Whiddon 904-831-5446		TBD
Coatings & Specialty Concrete	Premier CPS	Juan Rojas 813-446-0428		TBD
Scaffolding & Insulation	Superior Scaffolding & Insulation	Mathew Henderson 904-770-5248		TBD

Signed: _____

Company: WG Yates & Sons Construction Company

Address: 11025 Blasisu Road Jacksonville, Fl 32226

Date: 8-25-23

List of JSEB Subcontractors

Appendix B - Bid Forms
1411299246 General Construction Services for JEA

LIST OF JSEB SUBCONTRACTORS

The following JSEB Subcontractors will be utilized in fulfilling the terms and conditions of a Project Authorization arising from award of JEA -_1411299246_. I (We) the undersigned understand that failure to submit said information will result in bid rejection. I (We) will employ the JSEB Subcontractors specified below: (Use additional sheets as necessary)

Class of Work (Category) Dollar Amount	Name of JSEB Contractor (Indicate below)	Percentage of Total Job or

N/A

Signed: _____

Company: WG Yates & Sons Construction Company

Address: 11025 Blasiau Road Jacksonville, Fl 32226

Date: 8-25-23

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

Conflict of Interest Certificate

CONFLICT OF INTEREST DISCLOSURE FORM

*Disclosing a potential conflict of interest does not disqualify vendors. In the event vendors do not disclose potential conflicts of interest, and they are detected by JEA, vendor may be **disqualified** from doing business with JEA.*
Questions about this form? Contact (JEA, fill in the blank)

JEA Bid/Solicitation/Contract Number:	Name of JEA Employee(s) Working on Vendor's Current Contract(s) with JEA:
1411299246	
Vendor Name: W.G. Yates & Sons Construction Company	Vendor Phone: 904-714-1376
Vendor's Authorized Representative Name and Title: Edward D. Davis - Division Manager	Authorized Representative's Phone: 904-626-7016

NAME(S) OF JEA EMPLOYEE(S) / PUBLIC OFFICER(S) WITH POTENTIAL CONFLICT OF INTEREST

Name of JEA public officer(s), employee(s), or relatives with whom there may be a potential conflict of interest. If more than five, attach a second form.	Relationship of JEA public officer(s)/employee(s) and/or relative(s) to vendor's company from list above (e.g. 1(a), 2, etc.). Please list all that apply:
1. NONE	
2.	
3.	
4.	
5.	

☒ Vendor has no conflict of interest to report.

☒ Vendor hereby declares it has not and will not provide gifts or hospitality of any dollar value or any other gratuities to any JEA officer or employee to obtain or maintain a contract.

☒ I certify that this Conflict of Interest Disclosure has been examined by me and that its contents are true and correct to my knowledge and belief and I have the authority to so certify on behalf of the Vendor.

Vendor's Authorized Representative Signature: Edward D. Davis

Date: 8-25-23

FOR JEA USE ONLY IF CONFLICT NOTED
This form has been reviewed by:

Name of JEA Ethics Officer:	Signature:	Date:
Note:		

W-9

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

► Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

Print or type. See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

W. G. Yates & Sons Construction Company

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☑ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► _____

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ►

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.

104 Gully Avenue, P O Box 456

Requester's name and address (optional)

6 City, state, and ZIP code

Philadelphia, MS 39350

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			–			–				

or

Employer identification number

6	4	–	0	4	2	9	7	6	6

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ► Melanie Jenkins, Corp. Sec. Date ► 8/2/22

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, *later.*

Cat. No. 10231X Form **W-9** (Rev. 10-2018)

Award #5 12/14/2023 Supporting Documents

501 Riverside Avenue, Suite 501
Jacksonville, FL 32202
Office: +1 (904) 398-8636

November 3rd, 2023
SENT VIA E-MAIL
(chmism@jea.com)

Sebastian Chmist
JEA
225 North Pearl St
Jacksonville, FL 32202

Re: Proposal for Staff Augmentation Task: Miscellaneous Transmission Design Support

Dear Mr. Chmist,

Chen Moore and Associates, Inc. (CMA) is pleased to provide this engineering services fee proposal for the **Transmission Miscellaneous Design Support** project. CMA has agreed to dedicate a transmission principal engineer for JEA staff augmentation assignments. This proposal is for the engineering services for miscellaneous transmission design support.

This task assignment is part of the staff augmentation work and therefore has a reduced hourly rate for the Principal Engineer. The reduced hourly rate for a Principal Engineer is **$220/hr**. Additionally, an Engineer, Designer and/or Technician will be available to assist the principal engineer with design services as delegated by the Principal Engineer. This pricing is valid for staff augmentation task assignments for a duration ending on September 30, 2024.

The hours and fee listed below are for the scope of work described above (and detailed below), including the listed assumptions and exclusions.

Transmission Staff Augmentation

Task Description	Hours	Fee
Transmission Miscellaneous Design Support	597	$119,688

More specifically, we anticipate that our Scope of Work would be as follows:

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Jacksonville, FL 32202
Office: +1 (904) 398-8636

chen moore and associates

1. SUMMARY

Chen Moore and Associates (CMA) proposes to furnish engineering services to **JEA** by Chris Gearhart P.E., for any transmission projects, project management, or training as deemed applicable by JEA personnel up to and including a time period ending September 30th 2024.

Mr. Gearhart will attend and participate in all required project team meetings as requested. All services that are performed as part of this contract must, to the extent practicable, comply with all JEA standards.

The position's responsibilities may include, but not be limited to, the following:

- Assist with coordination of project deliverables and technical review processes;
- Maintain project files in accordance with established document control system;
- Provide Senior-Level guidance and design on assigned projects;
- Provide mentorship and training as requested;
- Provide cost estimates and material acquisition;
- Provide Construction Management services;
- Organize and coordinate project meetings;
- Prepare material list for associated projects;
- Manage project status, schedules and reporting; and
- Assist with other project-related technical activities as requested by JEA PMs or Management.

The transmission principal engineer shall work from the Chen Moore office located at 501 Riverside Avenue, Suite 501 or at a remote office location. The transmission principal engineer may report to JEA headquarters for in- person meetings and perform local field investigation as needed. It is likely required that the transmission principal engineer will need to access JEA specific software or standards. CMA will work with JEA to establish the IT requirements to safely provide necessary engineering access to JEA software or documents. The principal engineer will maintain access to CMA provided software such as PLS-CADD, AutoCAD and Microstation.

The transmission principal engineer can delegate minor PLS-CADD work, and CAD Drafting Services required for assigned JEA tasks to an Engineer, Designer and/or Technician.

2. CLARIFICATIONS AND ASSUMPTIONS

i. Work will be performed Monday-Friday, for a time not exceeding 40-hours per work week.
ii. **Holidays**: The staff will be paid for CMA holidays by CMA, but this time is not included as billed hourly labor. If JEA has additional holidays beyond what CMA offers, the staff will report to CMA as needed and those hours will be excluded from billed hourly labor. CMA provides the following holidays for its full-time employees:

New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day (2 days), Christmas Eve, Christmas Day, New Year's Eve

501 Riverside Avenue, Suite 501
Jacksonville, FL 32202
Office: +1 (904) 398-8636

chen moore and associates

iii. **Sick Leave and Vacation Leave:** In the event of vacation or sick time, JEA will not be billed hourly labor for these events. Sick time and vacation leave will be coordinated with the JEA & CMA Managers.
iv. JEA's Manager will assign tasks and assignments to fulfill regular workweeks for the Principal Engineer for the given time period. The support staff work assignments are as-needed and may not contribute to a full 40-hour work week.
v. **Travel:** Travel to and from different local job-sites is anticipated to be on occasion as needed and no travel reimbursement is required from JEA. Travel is assumed to be limited to JEA's service territory and a few times per week. If travel is required daily, additional fees shall be negotiated to cover the expenses per federal GSA guidelines.

3. DELIVERABLIES

CMA will provide an experienced **Transmission Principal Engineer** for dedicated daily support through the term of the agreement or until all assigned task hours are exhausted, whichever occurs first.

CMA shall invoice JEA monthly for the services provided for the contract. The Principal Engineer's hourly billing rate will be in accordance with the hourly rates established in this letter (Reduced to $220/hr).

4. SCHEDULE

This project schedule will be as follows:

- Start Date – Issuance of Purchase Order
- End Date – September 30th, 2024

If there are any questions, or if any additional information would be helpful, please contact me at (813) 830-8185 or send me an email at fbass@chenmoore.com

Respectfully submitted,

Freeman Bass, P.E.
Director of Energy

Attachment(s)
Fee Proposal

chen moore and associates

ENGINEERING FEE PROPOSAL

PART I - GENERAL	
1. Project: Miscellaneous Transmission Services	**2. Project Number** 23-0651.P0001
3. Client JEA	**4. Date of Proposal** 11/3/23

PART II - LABOR RELATED COSTS

5. Labor @ Contract Rates	Hourly	Hours	Estimated	
President	$ 420.00	0	$ 0.00	
Principal Engineer - (Standard Rate)	$ 250.00	0	$ 0.00	
Principal Engineer - (Staff Aug Reduced)	$ 220.00	475	$ 104,500.00	
Senior Engineer	$ 220.00	0	$ 0.00	
Project Engineer	$ 150.00	0	$ 0.00	
Associate Engineer	$ 125.00	0	$ 0.00	
Engineer	$ 115.00	0	$ 0.00	
Senior Environmental Scientist	$ 160.00	0	$ 0.00	
Senior Designer	$ 160.00	0	$ 0.00	
Designer	$ 125.00	121.5	$ 15,188.00	
Senior Technician	$ 115.00	0	$ 0.00	
Technician	$ 95.00	0	$ 0.00	
Senior Construction Specialist	$ 150.00	0	$ 0.00	
Construction Specialist	$ 100.00	0	$ 0.00	
Administrative Staff	$ 115.00	0	$ 0.00	
Intern	$ 60.00	0	$ 0.00	
TOTAL LABOR	$200.48	597		$ 119,688

PART III - OTHER COSTS

6. Miscellaneous Direct Costs		
Reproduction	$ 0.00	
Travel and Hotel	$ 0.00	
Meals	$ 0.00	
Shipping	$ 0.00	
Other (Specify)	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
7. SUBCONTRACTS (Lump Sum)		
	$	
	$	
	$	
SUBCONTRACT SUB-TOTAL		$ -
8. REIMBURSABLE COSTS		
	$	
	$	
SUBTOTAL REIMBURSABLES		$ -

PART IV - SUMMARY

TOTAL (Items 5, 6, 7 and 8)	**$ 119,688**

Award #5 12/14/2023 Supporting Documents

501 Riverside Avenue
Suite 501
Jacksonville, FL 32202
Office: +1 (904) 398-8636

November 29th, 2023
SENT VIA E-MAIL (rineja@jea.com)

Jason Rinehart, PMP
JEA
225 N Pearl St.
Jacksonville, FL 32202

Re: Proposal for Engineering Design Services: 69kV Circuit 680 Underground Transmission Replacement

Dear Mr. Rinehart,

Chen Moore and Associates, Inc. (CMA) is pleased to provide this engineering services fee proposal for the **69kV Circuit 680 Underground Replacement** project. JEA has requested an engineering proposal for the limited electrical engineering work associated with this project. Our NTE cost for the below proposed Scope of Work is as follows:

69kV Circuit 680 Underground Transmission

Task Description	Fee
TASK 1: Electrical Design Services, Survey, and Bid Support	$82,250
TASK 2: Construction Support	$13,000
Total Limiting Amount Fee	**$95,250**

More specifically, we anticipate that our Scope of Work would be as follows:

SCOPE OF WORK

1. **SUMMARY**

Chen Moore and Associates (CMA) proposes to furnish engineering services to **JEA**, for electrical engineering support services for the **69kV Circuit 680 Underground Replacement**.

The existing underground 69kV transmission line is beyond its useful end of life and in need of replacement. The existing direct buried cable will be replaced utilizing open cut and directional drilled conduit/manhole system.

501 Riverside Avenue
Suite 501
Jacksonville, FL 32202
Office: +1 (904) 398-8636

JEA is also requesting that CMA perform ampacity calculations utilizing CymeCAP. CMA does not currently have a CymeCAP license and will need to use JEA license.

Project specific scope items are discussed below, followed by assumptions and clarifications.

2. DETAILED ENGINEERING SCOPE OF WORK

a. *TASK #1 :*
   i. Replace existing underground 69kV cable for circuit 680 from Kennedy Substation structure to the existing riser pole approximately 1200 circuit feet.
   ii. Preform a site visit to document existing conditions.
   iii. Provide plan and profile for new directional drilled conduits and manhole system from Kennedy Substation to the existing risre pole.
   iv. Provide 69kV cable specification for 2000 kcmil CU cable.
   v. Provide electrical and civil construction specifications.
   vi. Provide permitting drawings and application for COJ permitting.
   vii. Provide MOT requirements for Wigmore Street.
   viii. Work closely with JEA engineers to integrate the transmission design with existing water, sewer, distribution, transmission, and gas utilities.
   ix. Work closely with JEA engineers to model the transmission cable for impedance calculations.
   x. Work closely with JEA engineers to model the cable in CymeCAP.
   xi. Provide support during the bidding process by reviewing contractor bids.

b. *TASK #2 (CONSTRUCTION SUPPORT)*
   i. Attend pre-construction meeting.
   ii. Review eight (8) shop drawings.
   iii. Answer four (4) RFI's.
   iv. Complete up to three (3) construction site visits.
   v. Create record drawings from contractor mark ups and survey.

3. CLARIFICATIONS AND ASSUMPTIONS

The following assumptions were used in the development of this fee proposal. If any of the below assumptions are incorrect, please notify us as soon as possible so that we may provide an updated proposal:

   i. JEA will complete impedance calculations.
   ii. CMA assumes that the existing riser structure is adequate and will not need structural review.
   iii. The final project documents shall be signed and sealed by a professional electrical engineer actively licensed by the State of Florida.
   iv. This proposal does not include prints.
   v. CMA will use JEA's CymeCAP license to complete ampacity calculations.
   vi. JEA will procure the equipment and provide daily Construction Engineering Inspection (CEI). If CEI services are requested, CMA could provide such services for additional negotiated fees.

501 Riverside Avenue
Suite 501
Jacksonville, FL 32202
Office: +1 (904) 398-8636

vii. Per previous JEA projects, we are proposing that the Design Services be completed at a Lump Sum price, with payments based on a monthly percent complete basis. Construction Services are to be provided on an hourly basis as requested/authorized by JEA.

4. **DELIVERABLIES**

i. CMA will provide construction drawings for inclusion in the JEA bid and IFC packages.
ii. CMA shall provide an "Issued for Construction" set of drawings along with the construction specifications to JEA. This set shall only include the electrical drawings modified to complete this design.
iii. CMA shall provide a "Record Drawings" set of drawings after the completion of construction. This set of drawings will incorporate any construction changes in the drawings designed by CMA.
iv. All drawings will be submitted in Civil3D and PDF format. All PDFs shall be to scale.
v. It is anticipated that all design review submittals will be handled electronically.

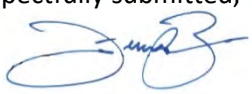
5. **SCHEDULE**

This project schedule will be as follows:

- Dates are provided assuming a NTP is received on or prior to **December 1st, 2023**.
- Upon receiving the NTP, a kickoff meeting will be scheduled within the first two weeks.
- The 60% Design Review Submittal due three (6) weeks from NTP. **(January 12th, 202)**
- The 90% Design Review Submittal due three (3) weeks from 60% design review submittal, assuming meeting is held one (1) week after submittal. **(February 9th, 2024)**
- The Bid Submittal due two (2) weeks from 90% design review submittal, assuming the meeting is held (1) week after submittal. **(March 1st, 2024)**

If there are any questions, or if any additional information would be helpful, please contact me at (813) 830-8185 or send me an email at fbass@chenmoore.com

Respectfully submitted,



Freeman Bass, P.E.
Director of Energy

Attachment(s)
Fee Proposal

chen moore and associates

ENGINEERING FEE PROPOSAL

PART I - GENERAL

1. Project: Circuit 680 Underground Reconductor	**2. Project Number** 23-0651.P0001
3. Client JEA	**4. Date of Proposal** 11/29/23

PART II - LABOR RELATED COSTS

5. Labor @ Contract Rates	Hourly	Hours	Estimated	
President	$ 420.00	0	$ 0.00	
Principal	$ 330.00	0	$ 0.00	
Principal Engineer	$ 250.00	172	$ 43,000.00	
Senior Engineer	$ 220.00	0	$ 0.00	
Project Engineer	$ 150.00	0	$ 0.00	
Associate Engineer	$ 125.00	24	$ 3,000.00	
Engineer	$ 115.00	0	$ 0.00	
Senior Environmental Scientist	$ 160.00	0	$ 0.00	
Senior Designer	$ 160.00	0	$ 0.00	
Designer	$ 125.00	190	$ 23,750.00	
Senior Technician	$ 115.00	0	$ 0.00	
Technician	$ 95.00	0	$ 0.00	
Senior Construction Specialist	$ 150.00	0	$ 0.00	
Construction Specialist	$ 100.00	0	$ 0.00	
Administrative Staff	$ 115.00	0	$ 0.00	
Intern	$ 60.00	0	$ 0.00	
TOTAL LABOR	$180.70	386		$ 69,750

PART III - OTHER COSTS

6. Miscellaneous Direct Costs		
Reproduction	$ 0.00	
Travel and Hotel	$ 0.00	
Meals	$ 0.00	
Shipping	$ 0.00	
Other (Specify)	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
7. SUBCONSULTANT COSTS		
Survey/SUE	$ 12,500.00	
	$	
	$	
SUBCONTRACT SUB-TOTAL		$ 12,500
8. REIMBURSABLE COSTS		
Task 2: Construction Support/Record Drawings (72hr)	$ 13,000.00	
SUBTOTAL REIMBURSABLES		$ 13,000

PART IV - SUMMARY

TOTAL (Items 5, 6, 7 and 8)	**$ 95,250**

MANHOURS SUMMARY

Chen Moore & Associates, Inc.
Jacksonville, FL
Phone: (904) 398-8636

DESIGN PHASE

23-0651.P0001

JEA
Circuit 680 Underground Reconductor

TASK	BASIS OF ESTIMATE	# UNITS	HRS/UNIT	DWGS	TOTAL HOURS	REMARKS
Design						
Project Management	LS	1	12	0	12	Manage Overall Project and Subconsultants
Design Review Meeting	EA	2	2	0	4	Review Meetings
Site Visit	LS	2	4	0	8	Site Visit - 2 Men, 2 Trips
Permitting	L.S.	1	16	0	16	COJ Permitting, 10 Set Review
MOT	LS	1	24	0	24	MOT Drawings for permitting
Drawings	EA	20	12	20	240	Construction Drawings and Calculations
Specifications	EA	1	56	0	56	Construction Specifications
Qualitity Contorl & Assurance	EA	1	20	20	20	Quality Assurance and Control
Review Contractor Bids	EA	3	2	0	6	Review 3 Contractor Bids
Design Manhours					**386**	
Construction Support Reimbursable						
Shop Drawings Review	EA	1	8	0	8	Review 8 Shop drawings
RFI Response	EA	1	4	0	4	Respond to 4 RFI
Pre-Construction Meeting	EA	1	2	0	2	Attend Pre Construction Meeting
Construction Site Visit	EA	3	6		18	Three Construction Site Visits
Record Drawings	EA	2	20	20	40	Record Drawings
Construction Support Manhours					**72**	
TOTAL MANHOURS					**458**	

Award #5 12/14/2023 Supporting Documents

501 Riverside Avenue, Suite 501
Jacksonville, FL 32202
Office: +1 (904) 398-8636

chen moore and associates

October 19, 2023
SENT VIA E-MAIL
(chmism@jea.com)

Sebastian Chmist
JEA
225 North Pearl St
Jacksonville, FL 32202

Re: Proposal for Staff Augmentation Task: Transmission LiDAR Analysis

Dear Mr. Chmist,

Chen Moore and Associates, Inc. (CMA) is pleased to provide this engineering services fee proposal for the **Transmission LiDAR Analysis** project. CMA has agreed to dedicate a substation principal engineer for JEA staff augmentation assignments. This proposal is for the anticipated costs associated with the engineering services for continuing to evaluate the 138kV and 69kV line infringements. The task is to review the line infringements, verify that there is a valid violations and provide cost estimates along with proposed scoping for corrective measures.

This task assignment is part of the staff augmentation work and therefore has a reduced hourly rate for the Principal Engineer. The reduced hourly rate for a Principal Engineer is **$220/hr**. Additionally, an Engineer, Designer and/or Technician will be available to assist the principal engineer with design services as delegated by the Principal Engineer. This pricing is valid for staff augmentation task assignments for a duration ending on September 30, 2024.

The hours and fee listed below are for the scope of work described above (and detailed below), including the listed assumptions and exclusions.

Transmission Staff Augmentation

Task Description	Hours	Fee
Transmission LiDAR Analysis	1427	$282,875

More specifically, we anticipate that our Scope of Work would be as follows:

501 Riverside Avenue, Suite 501
Jacksonville, FL 32202
Office: +1 (904) 398-8636

1. SUMMARY

Chen Moore and Associates (CMA) proposes to furnish engineering services to **JEA** by Chris Gearhart P.E., for any transmission projects, project management, or training as deemed applicable by JEA personnel up to and including a time period ending September 30th 2024.

Mr. Gearhart will attend and participate in all required project team meetings as requested. All services that are performed as part of this contract must, to the extent practicable, comply with all JEA standards.

The position's responsibilities may include, but not be limited to, the following:

- Assist with coordination of project deliverables and technical review processes;
- Maintain project files in accordance with established document control system;
- Provide Senior-Level guidance and design on assigned projects;
- Provide mentorship and training as requested;
- Provide cost estimates and material acquisition;
- Provide Construction Management services;
- Organize and coordinate project meetings;
- Prepare material list for associated projects;
- Manage project status, schedules and reporting; and
- Assist with other project-related technical activities as requested by JEA PMs or Management.

The transmission principal engineer shall work from the Chen Moore office located at 501 Riverside Avenue, Suite 501 or at a remote office location. The transmission principal engineer may report to JEA headquarters for in- person meetings and perform local field investigation as needed. It is likely required that the transmission principal engineer will need to access JEA specific software or standards. CMA will work with JEA to establish the IT requirements to safely provide necessary engineering access to JEA software or documents. The principal engineer will maintain access to CMA provided software such as PLS-CADD, AutoCAD and Microstation.

The transmission principal engineer can delegate minor PLS-CADD work, and CAD Drafting Services required for assigned JEA tasks to an Engineer, Designer and/or Technician.

2. CLARIFICATIONS AND ASSUMPTIONS

i. Work will be performed Monday-Friday, for a time not exceeding 40-hours per work week.
ii. **Holidays**: The staff will be paid for CMA holidays by CMA, but this time is not included as billed hourly labor. If JEA has additional holidays beyond what CMA offers, the staff will report to CMA as needed and those hours will be excluded from billed hourly labor. CMA provides the following holidays for its full-time employees:

New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day (2 days), Christmas Eve, Christmas Day, New Year's Eve

501 Riverside Avenue, Suite 501
Jacksonville, FL 32202
Office: +1 (904) 398-8636

iii. **Sick Leave and Vacation Leave:** In the event of vacation or sick time, JEA will not be billed hourly labor for these events. Sick time and vacation leave will be coordinated with the JEA & CMA Managers.
iv. JEA's Manager will assign tasks and assignments to fulfill regular workweeks for the Principal Engineer for the given time period. The support staff work assignments are as-needed and may not contribute to a full 40-hour work week.
v. **Travel:** Travel to and from different local job-sites is anticipated to be on occasion as needed and no travel reimbursement is required from JEA. Travel is assumed to be limited to JEA's service territory and a few times per week. If travel is required daily, additional fees shall be negotiated to cover the expenses per federal GSA guidelines.

3. DELIVERABLIES

CMA will provide an experienced **Transmission Principal Engineer** for dedicated daily support through the term of the agreement or until all assigned task hours are exhausted, whichever occurs first.

CMA shall invoice JEA monthly for the services provided for the contract. The Principal Engineer's hourly billing rate will be in accordance with the hourly rates established in this letter (Reduced to $220/hr).

4. SCHEDULE

This project schedule will be as follows:

- Start Date – Immediately upon assignment.
- End Date – September 30th, 2024

If there are any questions, or if any additional information would be helpful, please contact me at (904) 307-6151 or send me an email at tgardner@chenmoore.com.

Respectfully submitted,

Thomas Gardner, P.E.
Vice President - Electrical

Attachment(s)
Fee Proposal

chen moore and associates

ENGINEERING FEE PROPOSAL

PART I - GENERAL	
1. Project: Transmissioin LiDAR Analysis	**2. Project Number** 23-0651.P0001
3. Client JEA	**4. Date of Proposal** 10/19/2023

PART II - LABOR RELATED COSTS

5. Labor @ Contract Rates	Hourly	Hours	Estimated	
President	$ 420.00	0	$ 0.00	
Principal Engineer - (Standard Rate)	$ 250.00	0	$ 0.00	
Principal Engineer - (Staff Aug Reduced)	$ 220.00	1100	$ 242,000.00	
Senior Engineer	$ 220.00	0	$ 0.00	
Project Engineer	$ 150.00	0	$ 0.00	
Associate Engineer	$ 125.00	0	$ 0.00	
Engineer	$ 115.00	0	$ 0.00	
Senior Environmental Scientist	$ 160.00	0	$ 0.00	
Senior Designer	$ 160.00	0	$ 0.00	
Designer	$ 125.00	327	$ 40,875.00	
Senior Technician	$ 115.00	0	$ 0.00	
Technician	$ 95.00	0	$ 0.00	
Senior Construction Specialist	$ 150.00	0	$ 0.00	
Construction Specialist	$ 100.00	0	$ 0.00	
Administrative Staff	$ 115.00	0	$ 0.00	
Intern	$ 60.00	0	$ 0.00	
TOTAL LABOR	$198.23	1,427		$ 282,875

PART III - OTHER COSTS

6. Miscellaneous Direct Costs		
Reproduction	$ 0.00	
Travel and Hotel	$ 0.00	
Meals	$ 0.00	
Shipping	$ 0.00	
Other (Specify)	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
7. SUBCONTRACTS (Lump Sum)		
	$	
	$	
	$	
SUBCONTRACT SUB-TOTAL		$ -
8. REIMBURSABLE COSTS		
	$	
	$	
SUBTOTAL REIMBURSABLES		$ -

PART IV - SUMMARY

TOTAL (Items 5, 6, 7 and 8)	**$ 282,875**

MANHOURS SUMMARY

Chen Moore & Associates, Inc.
Jacksonville, FL
Phone: (904) 398-8636

DESIGN PHASE

23-0651.P0001

JEA
Transmissioin LiDAR Analysis

TASK	BASIS OF ESTIMATE	# UNITS	HRS/UNIT	DWGS	TOTAL HOURS	REMARKS
Task 1: Transmission Design						
Project Management	LS	1	35		35	Manage Overall Project, Invoices, Contract, etc.
Progress Update Meetings	EA	20	2		40	Review Meetings (Bi-Weekly)
Evaluate 138kV Line Infringements	EA	10	18		180	Review LiDAR Model, Re-run Reports, Verify Infringements, Add Valid Infringements to Exel Table.
Evaluate 69kV Line Infringements	EA	39	20		780	Review LiDAR Model, Re-run Reports, Verify Infringements, Add Valid Infringements to Exel Table.
Scope Projects, Provide Sketches	EA	49	4		196	Create Project Scope of Work Document, Outlining High-level tasks.
Create Budgetary Cost Estimates for Projects	EA	49	4		196	Create Detailed Construction/Engineering Budget Estimates
(Tasks 1) TOTAL MANHOURS					**1427**	

Approved by the JEA Awards Committee

Date: 10/27/2022 Item# 3

Formal Bid and Award System

Award #3 October 27, 2022

Type of Award Request: REQUEST FOR PROPOSAL (RFP)
Requestor Name: Roh, Mir (Jin-Woo)
Requestor Phone: 904-505-4756
Project Title: Engineering Services Substations
Project Number: See Attachment
Project Location: JEA
Funds: Capital
Budget Estimate: $2,030,000.00
Scope of Work:

The purpose of this solicitation is for JEA to solicit Proposals from companies for general engineering services for substation projects (the "Work" or "Services".)

Contract engineers are needed to supplement the design process for short periods of time (approximately three (3) to six (6) months for a typical project) when JEA in-house engineering resources may not meet the urgent demands of in-service dates. Electric substation engineering is a very specialized area; therefore, JEA requires companies who have the resources and experience to execute electric substation/transmission engineering. Proposers should be proficient with the computer application Microstation.

JEA IFB/RFP/State/City/GSA#: 1410611046
Purchasing Agent: LOVGREN, RODNEY D.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
CHEN MOORE & ASSOCIATES, INC.	Leigh Barron	lbarron@chenmoore.com	500 West Cypress Creek Road, Suite 630, Fort Lauderdale, FL 33309	(954) 369-8306	$1,015,000.00
WORLEY GROUP, INC.	Robert Martin	Robert.martin@worley.com	5995 Rogerdale Road, Houston, TX 77072	(610) 855-2971	$609,000.00
LEIDOS ENGINEERING, LLC	Robert Jennings	Robert.l.jennings@leidos.com	1750 Presidents Street, Reston, VA 20190	(813) 777 - 8198	$406,000.00

Amount for entire term of Contract/PO: $2,030,000.00
Award Amount for remainder of this FY: $1,635,000.00
Length of Contract/PO Term: Three (3) Year w/ Two (2) 1-Yr. Renewals
Begin Date (mm/dd/yyyy): 11/01/2022
End Date (mm/dd/yyyy): 10/31/2025
Renewal Options: Yes – Two (2) - 1 Yr. Renewals
JSEB Requirement: Optional

Comments on JSEB Requirements:

Chen Moore & Associates, Inc. ~ 7% ($71,050.00)
Meskel & Associates Engineering, PLLC ~ 5%
VIA Consulting Services, Inc. ~ 2%

Worley Group, Inc. ~ 6% ($36,540.00)
Prosser ~ 6%

Leidos Engineering, LLC ~ 5% ($20,300.00)
CSI Geo, Inc. ~ 1%
Alpha Envirotech Consulting, Inc. ~ 1%
Smith Surveying Group ~ 3%

PROPOSERS:

Name	Points	Rank
CHEN MOORE & ASSOCIATES, INC.	282.8	1
WORLEY GROUP, INC.	279.4	2
LEIDOS ENGINEERING LLC	273.5	3
POWER ENGINEERS INCORPORATED	273.3	4
ASSET COMPANY PLLC	268.5	5
STANTEC CONSULTING SERVICES INC.	260.3	6
BURNS & MCDONNELL ENGINEERING CO, INC.	260.7	7
AECOM TECHNICAL SERVICES, INC.	232.1	8

Background/Recommendations:

Advertised on 04/18/2022. Ten (10) prime companies attended the mandatory pre-proposal meeting held on 04/26/2022. At proposal opening on 06/07/2022, JEA received eight (8) Proposals. The public evaluation meeting was held on 09/19/2022. Companies were evaluated on professional staff experience, design & work approach, company experience and JSEB content. JEA deemed Chen Moore & Associates, Inc., Worley Group, Inc. and Leidos Engineer, LLC, the highest evaluated companies to perform the work. A copy of the evaluation matrix and negotiated rates are attached as backup.

For continuing services contracts, JEA does not have a set forecast of when each engineering project will be released, or total project amounts to be awarded to engineering firms beyond the first few fiscal years. As such, JEA will preliminarily fund the contract based on engineering estimates for projects known at this time and will return to awards committee to add funds to the contracts to fund work as projects are released and scopes of work are determined.

The engineering services group will issue task orders as required to facilitate the work. The work may be awarded based on contracted rates (i.e. lowest rates for scope) or based on specialty (some firms have more experience in

specific types of work and as such, work may assigned more randomly, however, in general the highest evaluated company will be awarded more work).

The proposed engineering rates are compared on an aggregate average basis per firm. When comparing the historical aggregate average rate index of $122.24 to the bid aggregate average rate index $137.53, the bid rate average is 12.5% higher. When considering the historical index rate was developed based in 2018 and current market conditions for professional services, the increase is deemed reasonable. The rates are subject to CPI price adjustment annually with a cap of six percent (6%).

1410611046 – Request approval to award contracts to Chen Moore & Associates, Inc. ($1,015,000.00), Worley Group, Inc. ($609,000.00), and Leidos Engineering, LLC ($406,000.00) for substation engineering services in the not to exceed amount of $2,030,000.00, subject to the availability of lawfully appropriated funds.

Manager: Hamilton, Darrell D. – Mgr. Transmission and Substation Projects
Director: Acs, Gabor – Sr. Dir. Engineering & Projects
VP: Melendez, Pedro A. - VP Planning Engineering & Construction

APPROVALS:

Stephen Datz 10/27/2022

Chairman, Awards Committee **Date**

Stephanie M Healy 10/27/2022

Budget Representative **Date**

October 17, 2023

Mr. Darrell Hamilton
Manager, Transmission and Substation Projects
JEA
21 W. Church Street
Jacksonville, FL 32202

Subject: Leidos proposal for Substation Physical CCVT Replacement Engineering Staff Augmentation Services

Dear Mr. Hamilton:

Leidos Engineering, LLC (Leidos) is pleased to present our proposal to JEA to deliver engineering staff augmentation services for six (6) months in response to JEA's request for proposal for the CCVT replacement program at various substations. Our enclosed submittal describes our approach to help JEA with this important program. Leidos offers JEA a compelling team that possesses a combination of technical expertise performing these exact tasks for JEA previously and the ability to meet the expedited schedule that this program demands. We are confident in our ability to successfully manage complex, long-term projects, and meet challenging deadlines while upholding high standards for quality deliverables.

Scope of Services

Leidos will provide substation physical engineering staff augmentation services to JEA. Leidos engineers will utilize electronic station drawings and standards provided by JEA to perform this work.

Clarifications and Assumptions

The Scope of Work, pricing, and schedule in this proposal are based on the following assumptions:

- Leidos will provide JEA with one (1) sub physical engineer full time until the budget for the project is expended.
- Price is based on one (1) sub physical engineer dedicated full time for six (6) months.
- Engineer classifications are subject to change depending on the need to change engineering resources throughout the term of the program.
- Engineers will perform their own drafting in MicroStation for these projects.
- There will be no travel required to the JEA office for this project. If an office meeting is requested, it can be accommodated at an additional cost.
- All documents and drawings delivered by Leidos to JEA will be submitted electronically.
- JEA engineering staff will be giving directions directly to all Leidos engineers to perform the assigned project work.
- JEA engineering staff will perform all quality control checks on this project.
- JEA will review and approve all drawings prior to final release of drawings.
- Two (2) site visits and travel costs are included in the proposal. Subsequent site visits will be additional cost if deemed necessary by Leidos and JEA.

Schedule

A preliminary project schedule is presented below. A final project schedule will be negotiated to accommodate specific project need dates.

• Receipt of Purchase Order (PO)	October 30, 2023
• Beginning of staff augmentation services	October 23, 2023
• End of staff augmentation services	April 19, 2024
• End of period of performance	September 30, 2024

Price Estimate

Leidos will provide the professional consulting services required to perform engineering services as outlined in the Scope of Services. This work will be performed by Leidos on a time and material basis for an estimated fee of **$104,320.00** per our contract agreement for engineering services.

This work will be performed and invoiced monthly according to the terms and conditions agreed upon between JEA and Leidos of Master Contract **JEA11243**. The pricing will apply until period ending 09/30/24. If the project schedule exceeds the period as a result of changes in JEA schedule or requirements, services provided beyond the period will be performed as additional services.

Notwithstanding anything to the contrary herein, Leidos will not bill JEA any amounts above the identified Good Faith Estimate, nor will Leidos be required to furnish services or incur expenses above the identified Good Faith Estimate without written authorization (including email) committing to additional funding from JEA.

Services	Estimated Cost
Sub Physical Staff augmentation engineering services • **Engineering of single lines, 3-lines, plan and section view, foundation, conduit, and grounding drawings and bill of materials.**	$104,320.00
TOTAL	**$ 104,320.00**

Below is our estimate of labor hours and rates:

Classification	Responsibility	Hours	JEA Rate	Cost
Engineer I	Project kickoff meeting, project design	978	$103.50	$101,223.00
Analyst	Project Initiation, project kick off meeting, project management, invoicing and cashflow updates	26	$103.50	$2,691.00
Expenses				$406.00
Total		**1004**		**$104,320.00**

Leidos is enthusiastic about the prospect of helping JEA with this important project, and we look forward to further discussing this opportunity with you. We are committed to having the qualified resources available and ready to engage upon award of the project to meet the outlined schedule. If you have any questions or would like additional information, please contact account manager, Robert Jennings, at either (813) 777-8198 or at robert.l.jennings@leidos.com.

Sincerely,
Leidos Engineering, LLC

Robert Jennings
Account Manager
Leidos Engineering, LLC

Zachary Cheek
Senior Contracts Manager
Leidos Engineering, LLC

October 17, 2023

Mr. Darrell Hamilton
Manager, Transmission and Substation Projects
JEA
21 W. Church Street
Jacksonville, FL 32202

Subject: Leidos proposal for Substation Physical Distribution 26kV Breaker Replacement Engineering Staff Augmentation Services

Dear Mr. Hamilton:

Leidos Engineering, LLC (Leidos) is pleased to present our proposal to JEA to deliver engineering staff augmentation services for six (6) months in response to JEA's request for proposal for the distribution breaker replacement program at various substations. Our enclosed submittal describes our approach to help JEA with this important program. Leidos offers JEA a compelling team that possesses a combination of technical expertise performing these exact tasks for JEA previously and the ability to meet the expedited schedule that this program demands. We are confident in our ability to successfully manage complex, long-term projects, and meet challenging deadlines while upholding high standards for quality deliverables.

Scope of Services

Leidos will provide substation physical engineering staff augmentation services to JEA. Leidos engineers will utilize electronic station drawings and standards provided by JEA to perform this work.

Clarifications and Assumptions

The Scope of Work, pricing, and schedule in this proposal are based on the following assumptions:

- Leidos will provide JEA with one (1) sub physical engineer full time until the budget for the project is expended.
- Price is based on one (1) sub physical engineer dedicated full time for six (6) months.
- Engineer classifications are subject to change depending on the need to change engineering resources throughout the term of the program.
- Engineers will perform their own drafting in MicroStation for these projects.
- There will be no travel required to the JEA office for this project. If an office meeting is requested, it can be accommodated at an additional cost.
- All documents and drawings delivered by Leidos to JEA will be submitted electronically.
- JEA engineering staff will be giving directions directly to all Leidos engineers to perform the assigned project work.
- JEA engineering staff will perform all quality control checks on this project.
- JEA will review and approve all drawings prior to final release of drawings.
- Two (2) site visits and travel costs are included in the proposal. Subsequent site visits will be additional cost if deemed necessary by Leidos and JEA.

Schedule

A preliminary project schedule is presented below. A final project schedule will be negotiated to accommodate specific project need dates.

- Receipt of Purchase Order (PO) — October 30, 2023
- Beginning of staff augmentation services — October 23, 2023
- End of staff augmentation services — April 19, 2024
- End of period of performance — September 30, 2024

Price Estimate

Leidos will provide the professional consulting services required to perform engineering services as outlined in the Scope of Services. This work will be performed by Leidos on a time and material basis for an estimated fee of **$165,053.80** per our contract agreement for engineering services.

This work will be performed and invoiced monthly according to the terms and conditions agreed upon between JEA and Leidos of Master Contract **JEA11243**. The pricing will apply until period ending 09/30/24. If the project schedule exceeds the period as a result of changes in JEA schedule or requirements, services provided beyond the period will be performed as additional services.

Notwithstanding anything to the contrary herein, Leidos will not bill JEA any amounts above the identified Good Faith Estimate, nor will Leidos be required to furnish services or incur expenses above the identified Good Faith Estimate without written authorization (including email) committing to additional funding from JEA.

Services	Estimated Cost
Sub Physical Staff augmentation engineering services • **Engineering of single lines, 3-lines, plan and section view, foundation, conduit, and grounding drawings and bill of materials.**	$165,053.80
TOTAL	**$ 165,053.80**

Below is our estimate of labor hours and rates:

Classification	Responsibility	Hours	JEA Rate	Cost
Engineer IV	Project kickoff meeting, project design	978	$165.60	$161,956.80
Analyst	Project Initiation, project kick off meeting, project management, invoicing and cashflow updates	26	$103.50	$2,691.00
Expenses				$406.00
Total		**1004**		**$165,053.80**

Leidos is enthusiastic about the prospect of helping JEA with this important project, and we look forward to further discussing this opportunity with you. We are committed to having the qualified resources available and ready to engage upon award of the project to meet the outlined schedule. If you have any questions or would like additional information, please contact account manager, Robert Jennings, at either (813) 777-8198 or at robert.l.jennings@leidos.com.

Sincerely,
Leidos Engineering, LLC

Robert Jennings
Account Manager
Leidos Engineering, LLC

Zachary Cheek
Senior Contracts Manager
Leidos Engineering, LLC

Award #7 12/14/2023 Supporting Documents

Date: 12/1/2023
QUOTE NUMBER: Q-1032

PROPOSAL FOR SERVICE

PROPOSAL TO: **JEA**
Project Short Description: Refurbish Generator Ventilation Roof
BUDGETARY QUOTE

Project Contact: **Chuck Bursich**
burscm@jea.com
(904)-665-6321

Dear Mr. Chuck Bursich,

At D&D, we take great pride in serving our customers and providing them with skilled service technicians. We specialize in medium voltage maintenance, transformer tie ins, breaker additions or changeouts, IPB/Non-Segregated bus installations, and medium voltage bus emergency response. Our many years of medium voltage bus experience in both manufacturing and service coupled with our drive to help our customers achieve their goals has been the key to our success.

We look forward to working with JEA on this project and we are confident this system will exceed expectations for the foreseeable future. We are also confident that our team will meet the challenges of this project and look forward to the opportunity.

Sincerely,

Derrick Henderson
Service Manager
D & D Electrical Bus Service
T: 601.967.6154
Dhenderson@ddbusservice.com
https://ddelectricalbusservice.com

D&D ELECTRICAL BUS SERVICE TEAM

Steve Davis
General Manager
D & D Electrical Bus Service
T: 601.954.6092
sdavis@ddbusservice.com
https://ddelectricalbusservice.com

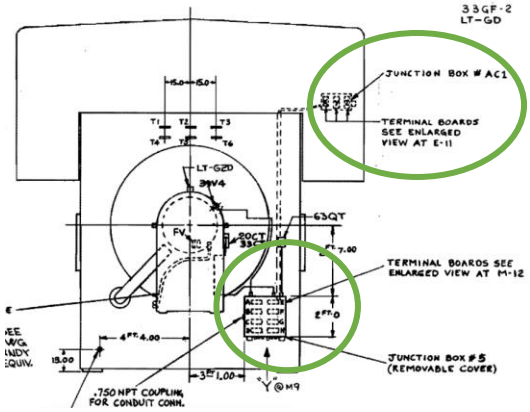
Tristin McCraw
Supertintendent / Sales Engineer
D & D Electrical Bus Service
T: 601.433.9867
tmccraw@ddbusservice.com
https://ddelectricalbusservice.com

SUMMARY

Thank you for the opportunity for D & D Electrical Bus Service to provide this proposal to remove the existing components and refurbish as needed.

The price quoted includes the following tasks.

- Clean out the existing ventilation hood over the generator.
- Remove the existing insulation in the ventilation hood and install new installation. Note: This quote does not include any asbestos removal and area should be verified clear of asbestos before D&D begins work.
- Paint the hood interior as applicable using a rust killer/inhibitor paint. Note: Existing paint is assumed to contain LEAD paint. The rust killer/inhibitor sprays directly over the existing paint to not disturb LEAD. If any LEAD paint needs to be removed or grinded, this responsibility will be by others.
- Change bearings in the fans as needed.
- Check and replace 3HP fan motor. Note: quote is based on worst case scenario and replace as needed. Price may vary depending on the existing motor rating plates. Quoted WEG Hazardous Location Motor: 1 C,D / 2 F,G, 3HP 1,170 Nameplate RPM, 208-230/40V AC.
- New conduit and junction boxes will be installed and pulled to the generator. Note: control wiring to the control room to be performed by others.



Mobilizations are excluded as D&D will already be on site. Our crew typically work 10 hours per day. This quote excludes Sundays which are used as makeup days if the project falls behind due to unforeseen circumstances.

Project quoted is estimated to take 20 days to demo, clean, and install new materials.

Quote includes a formal report of the work performed within 2 weeks of project completion.

Timeline for Execution

	Workday																						
Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Demo																							
Clean ventilation hood area																							
Paint with Rust inhibitor																							
Install new equipment/parts as needed																							
Install new insulation																							

PRICING

Item	Description	Price
1	Replacement and refurbished materials	$ 19,423
2	Electrical junction boxes, Generator wiring, and Electrical labor to install	$ 45,000
3	Design / Engineering	$ 6,250
4	Demolition and Clean Ventilation Hood above Generator	$ 60,432
5	Install new insulation, paint, and parts as needed	$ 87,705
	BUDGETARY QUOTE PRICE	**$ 218,810**
	Price does not include scaffolding, crane, crane operator, scissor lifts or manlifts if any are needed.	

T&M Rates Per Technician

Reference	Description	Rate
Daily Rate	Monday - Friday 8-hour days (per day rate)	$ 1,773
Saturday Rate	Saturday Rate 8-hour minimum (calculated as OT)	$ 2,041
Overtime Rate	Calculated as time and a half. Per hour worked over 8-hours	$ 255
Sunday Rate	Sunday Rate will be 8-hours minimum	$ 2,722
Sunday OT Rate	Sunday OT hours for hours worked above 8 hours	$ 340
Holiday OT Rate	Holiday Hourly Rate	$ 340

General Notes and Technical Concerns

- Each member of the crew is a safety member with the authority to stop any project.
- Daily JSA meetings will take place at the beginning of each workday or if changes occur during the day that requires a safety review to get everyone on the same page.
- Safety is D&D's priority for every project.
- Each member of the crew has been through OSHA training.
- Welding certification and qualifications are available upon request.
- Welding standards are to AWS D1.2.
- All debris will be placed in the customer approved area.
- The crew will need access to 120V power.
- If welding, then the crew will need access to 480V, 200Amp power cord.
- Prior to work beginning, a PO should be submitted to D&D Electrical Bus Service, LLC.

Please submit PO as follows:
D & D Electrical Bus Service, LLC
195 Concourse Drive
Pearl, MS 39208

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Project Scope Statement

Project Name:	N33 Generator MV Bus, Breaker, Wiring Replacement.
Address:	4377 Heckscher Dr., Jacksonville, FL 32226
Overall Project Budget:	$3,850,262
Start Date:	11/11/2023
Index #:	TBD
Priority:	Extremely High
Requested By:	Margaret Limbaugh

Revision History (add rows as needed)			
Version	**Date**	**Author**	**Comments**
0	11/11/2023	Blake Bobitt	PD created with input from Jose Dominguez and Contractors
1	12/1/2023	Blake Bobitt	Addition of Stator Rewind.
2	12/4/2023	Blake Bobitt	Addition of Air Intake Structure Refurbishment.

Project Stakeholders (add or delete rows as applicable)	
Role	**Name**
Sr Director/Director Projects	Gabor Acs
Manager of PM	Jamila Akrayi
Project Manager	
Technical Lead	Blake Bobitt
Environmental	
Facilities	
Security	
Safety	
Scheduler	
Estimator	
Cost Specialist	

Project Scope Statement Approval (add rows as applicable)			
Role	**Name**	**Approval Received**	**Date of Approval**
Electric Systems	Ricky Erixton	☐	
Project Owner/ Director	Margaret Limbaugh	☐	
Manager of PM	Jamila Akrayi	☐	
Plant Operations	Brian Wilds	☐	
Plant Maintenance	Bryan Holmes	☐	
Project Requestor	N/A	☐	
Sr Engineering Manager	David Biruk	☐	
Engineering Manager	Jose Dominguez	☐	
Projects Control/Estimate	Tim Byrnes / Michael Hinson	☐	
Environmental	N/A	☐	
Security	N/A	☐	

Project Summary

This project is being proposed to rewind CT3's Stator, refurbish CT3's Air Intake Structure, replace the medium voltage tap conductors, control cable, SIS wire, mercury switches, main breaker, potential

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transformers inside of the NCT3 GE Switchgear. Testing will also be performed on the power transformers and generator stator to verify that they did not sustain any damage during CT3 fire incident.

Introduction & Background

NCT3 was commissioned in Circa 1974 and is rated for 68.889MVA with a 10MW/Min ramp rate. On October 12th, 2023, at 10:05am an explosion was heard near NCT3, smoke and arcing were noticed next to the generator. The Fire Department was dispatched, and the Unit was electrically isolated so that the fire department could extinguish the flames. The generator breaker, peripheral components, and aluminum bus above it were seriously damaged. The non-segregated bus duct was sent to Mississippi for repairs. Switchgear wiring was damaged in adjacent compartments. Instrumentation in adjacent compartments looks to be overheated and needs to be tested along with two power transformers. Power cables for the Exciter PPT transformer were destroyed and need to be replaced. The control wiring from the Multi Unit Control House to the Switchgear needs to be replaced due to grounded circuits. Generator Stator testing yielded results indicative of failing winding insulation. Modifications to the cable route will need to be performed to terminate the new control cable and to bypass existing conduits installed in the early 1970's as they are thought to have serious corrosion issues that are causing grounds in cables. Per the IRP and runtime forecast models, these units will play a critical role in JEA's generation fleet flexibility as more renewable power is introduced to the system.

Project Justification

There is significant fire damage inside of the switchgear compartment. A project is necessary to make the Unit available.

Project Scope of Work

The scope of work below applies to NCT3.

Rewind CT3's Generator Stator.

Refurbish CT3's Air Intake Structure.

Removal and refurbishment of the 1974 Calvert non-segregated bus that connects the Excitation System to the Generator and the Cable Bus.

Removal of the Generator breaker and evaluation to repair versus replace.

Installation of Porcelain Bottles poured around bus to fit breaker and non-segregated bus.

Installation of three medium voltage shielded cables ran from the breaker compartment to the excitation compartment with special lugs to fit the bus bar and stress cones.

Installation of a DC motor for Breaker Elevation.

Testing of the newly installed medium voltage cables using 5kV Megger and 36kV High Potential tests to ensure proper installation and function of the new cables/bushings. Testing shall be accomplished with a MIT515 Megger and a PTS-80 DC HiPot Tester or equivalent utilizing NETA guidelines.

Installation of approximately fifteen hundred feet of new SIS wire inside of the switchgear compartment with new lugs and phenolic terminal boards.

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Installation of approximately sixteen hundred feet of twelve conductor control cable from the Multi-Unit Control House to the Switchgear. There are five, three-hundred-foot cable runs.

Materials

- Stator Bars shipping from Tacoma WA.
- 15kV 500MCM Shielded cable.
    - 3 shielded cables, 150FT.
- Medium Voltage Raychem Stress Cone Terminations.
    - 3 terminations.
- Stress cone grounding materials.
- Single-hole Burndy compression lugs for Terminal Boards.
    - 340 lugs.
- New or Reconditioned Generator Breaker.
    - Cost of New is more than 2X of reconditioned.
- New Shutter and Lift Assembly for Breaker.
- New DC motor for elevator lifting.
- Three new Surge Arrestors.
- Three new 0.25 MFD Capacitors.
- Seven new GE 4000:5 Doughnut CT's.
- New or reconditioned Porcelain Bottles for line and load side of Generator Breaker.
- Five new twelve conductor control cables. Sixteen hundred feet in total.
- SIS wire for switchgear wiring. Fifteen hundred feet in total.
- Three hundred and forty Burndy Lugs.
- Fifteen phenolic terminal boards.
- Ten space heaters and two mercury switches
- Mechanical operating MOC switch.
- Pistol grip control operating handle.
- Paint and Parts for Air Intake Structure

MD&A Scope of Work

The below scope of work in the amount of $473,041 dollars will be paid for using O&M budget funds. Any repairs and parts needed to make unit available after the inspection will be paid for using capital budget funds.

1. MD&A will open and disassemble the unit to perform detailed inspections.
2. MD&A will perform a major generator inspection (rotor-out) to conduct tests including ELCID and wedge tightness.
3. MD&A will assemble the unit and perform alignment tests.
4. Shipping Stator Bars from Tacoma, WA to NGS.
5. Re-Open and disassemble the unit.
6. Rewind Stator.

References

NEC Article 300: General Requirements for Wiring Methods and Materials

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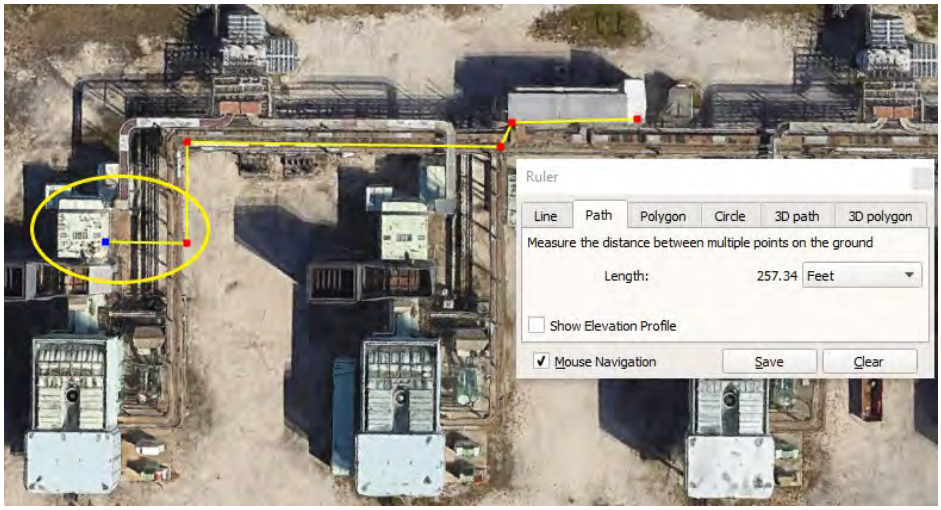
NEC Article 310: Conductors for General Wiring
NEC Article 328: Medium Voltage Cable: Type MV
NEC Article 392: Cable Trays
NEC Article 399: Outdoor Overhead Conductors over 1000 Volts
NEC Article 450: Transformers and Transformer Vaults (Including Secondary Ties)
RS&H Drawings from 1974.
MKVI Drawings from 2009.



Cable Tray visible on Google Earth.

NCT3 October 12th 2023 Fire Damage.

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Breaker Compartment Porcelain Bottles Above Breaker Load Side.

Breaker Compartment Porcelain Bottles Above Breaker Line Side.

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Rear of Breaker Compartment.

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CT3 Enclosure Damage.

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CT3 Non-Segregated Phase Bus Damage.

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CT3 Breaker Damage.

Risks

This work will be done as discovery happens. Risk of going over budget or over schedule is normal for a forced outage with fire damage. The items listed above are expected to be the bulk of the scope, but they are not all inclusive.

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Project Cost Estimate and Expenditure Forecast

Project Cost Estimate Breakdown							
Cost Category	**Project Request**	**10% Design**	**30% Design**	**60% Design**	**90% Design**	**100% Design**	**Construction**
Engineering (enter engineering fee only)	$12,000						
Surveys (survey portion of engineering consultant's fee if applicable)	$0.00						
Studies (studies portion of engineering consultant's fee if applicable)	$0.00						
Permitting	$0.00						
Real Estate	$0.00						
Project Management	$24,000						
Project Support	$28,000						
Construction	$2,864,832						
Services During Construction	$0.00						
JEA Supplied Labor/Materials	$18,115						
Contingency	$916,746						
Total	**$3,863,693**						

Significant Material Summary			
Description	**Unit Measure**	**Quantity**	**Cost Estimate**
Switchgear Material cost for CT3	EA	1	$345,734.98
Cost for Stator Bars is included in Rewind.	EA	1	$1,000,000.00
Cost for Air Intake is Included in Refurb.	EA	1	$100,000.00

Project Implementation Schedule

Milestone	Project Request	10% Design	30% Design	60% Design	90% Design	100% Design	Construction
Project Start	11/11/2023						
Design Start	11/12/2023						
Design Finish	11/20/2023						
Bid & Award	12/10/2023						
Construction Start	12/25/2023						
Substantial Completion	1/30/2024						
Final Completion	3/15/2024						

PROJECTED CASH FLOW BY MONTH FOR FISCAL YEAR FY 2024														
													FY TOTAL	Project Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
Project Budget														
JEA Cost & Engineering		$18,000	$13,000	$13,000	$12,000	$8,000							$64,000	**$64,000**
Equipment/Fabrication		$167,798	$498,000	$900,000	$822,000	$1,050,000							$3,437,798	**$3,437,798**
Construction/Project Closeout		$20,000	$110,000	$115,000	$100,000	$16,895							$361,895	**$361,895**
Contract/PO Encumbrance													$0	**$0**
TOTAL	**$0**	**$205,798**	**$621,000**	**$1,028,000**	**$934,000**	**$1,074,895**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$3,863,693**	**$3,863,693**
Quarterly Cash Flow		**1st Quarter**	**$826,798**		**2nd Quarter**	**$3,036,895**		**3rd Quarter**	**$0**		**4th Quarter**	**$0**		

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Attachment A – Cost Estimate

Project:	NGS - N33 Generator MV Bus Breaker Wiring Replacement					**Project Manager**	Chuck Bursich
CIP Cat:	Electrical System Generation					**PWO Number:**	31263062
File Name:	EP24018 NGS - N33 Generator MV Bus Breaker Wiring Replacement					**Estimate No:**	EP24018
Facility	NGS						
						Date:	12/4/2023
CONCEPTUAL DESIGN				**CLASS 3**			
DIRECT CONSTRUCTION COSTS							
Contractor Cost			**Material**	**Labor**	**Equipment**	**Other/Sub-Cont.**	**TOTAL**
Total From Estimate Details			**$0**	**$0**	**$0**	**$2,864,832**	**$2,864,832**
Contingency (Contractors Risk)		20%	**$0**	**$0**	**$0**	**$572,966**	**$572,966**
Subtotal Contractor Cost			**$0**	**$0**	**$0**	**$3,437,798**	**$3,437,798**
Total Contractor Costs			**$0**	**$0**	**$0**	**$3,437,798**	**$3,437,798**
Additional Direct Costs			**Material**	**JEA Labor**	**Equipment**	**Other/Sub-Cont.**	**TOTAL**
JEA Supplied Material & Labor			$5,250	$12,865	$0	$0	$18,115
JEA Contract Contingency		10%	$0	$0	$0	$343,780	$343,780
Subtotal: Additional Direct Costs			**$5,250**	**$12,865**	**$0**	**$343,780**	**$361,895**
Total Direct Costs			**$5,250**	**$12,865**	**$0**	**$3,781,578**	**$3,799,693**
JEA Cost & Engineering				**JEA Labor**		**Sub-Cont.**	**TOTAL**
Project Management				$24,000		$0	$24,000
Engineering				$12,000		$0	$12,000
Project Support				$28,000		$0	$28,000
Miscellaneous				$0		$0	$0
Subtotal: JEA Cost and Engineering				**$64,000**		**$0**	**$64,000**
Total Project Costs			**$5,250**	**$76,865**	**$0**	**$3,781,578**	**$3,863,693**
						N33 Generator MV Bus Breaker and Wiring Replacement	
			CLASS 3	**Accuracy Range**		**$3,268,307** **to**	**$5,477,178**

JEA
225 North Pearl Street
Jacksonville, FL 32202-4513
United States

Type	**Standard Purchase Order**
Purchase Order	**216874**
Revision	**0**
Order Created Date	**24-OCT-2023**
Buyer	**Holloway, Victoria**
Telephone	
Email	**hollvl@jea.com**
Revision Date	

Company:
D&D Electrical Bus Service, LLC
195 CONCOURSE DRIVE
PEARL, MS 39208
United States

Ship To	Bill To
JEA NORTHSIDE GENERATING STATION **4433 WILLIAM OSTNER ROAD** **Jacksonville, FL 32226** **United States**	**acctpaycustsrv@jea.com**

Customer Account No.	Company No.	Payment Terms	Freight Terms	FOB	Transportation	Ship Via
	925620	**NET 30**	**Paid**	**DESTINATION**		**BEST WAY**

Company Contact	Requester
	Young, Joseph **younjp@jea.com**

Notes to Company:

THIS PURCHASE ORDER IS ISSUED WITH JEA'S STANDARD PAYMENT TERMS:

30 DAYS, NET INVOICE RECEIPT BY JEA.

JEA WOULD LIKE TO OFFER ANY OR ALL OF THE FOLLOWING OPTIONAL PAYMENT TERMS, ONE OF WHICH MAY BE EXECUTED AT THE REQUEST OF THE SUPPLIER, BY CORRESPONDING (BY EMAIL) TO THE ISSUING BUYER:

1% 20, NET 30
2% 10, NET 30

SUPPLIER MAY REQUEST ALTERNATE PAYMENT TERMS FOR JEA'S CONSIDERATION, HOWEVER, ALTERNATE PAYMENT TERMS ARE NOT EFFECTIVE UNTIL ACCEPTANCE BY JEA. JEA MAY ELECT TO ACCEPT THE ALTERNATE OR OPTIONAL PAYMENT TERMS AND ISSUE A CHANGE ORDER, OR MAINTAIN THE JEA STANDARD PAYMENT TERMS.

**** PLEASE NOTE ALL PAYMENT DATES ARE CALCULATED FROM THE DATE OF THE INVOICE RECEIPT BY ACCOUNTS PAYABLE. ******

THIS PURCHASE ORDER IS YOUR NOTICE TO PROCEED.

INVOICES MUST BE SENT TO:

ACCTPAYCUSTSRV@JEA.COM

INVOICES SENT TO ANY OTHER E-MAIL ADDRESS WILL NOT BE PAID.

ALL INVOICES MUST REFERENCE THIS PURCHASE ORDER NUMBER.

TO ASSURE ACCURATE DELIVERY AND PAYMENT, ALL INVOICES AND PACKING SLIPS MUST CONTAIN THE PURCHASE ORDER NUMBER, RELEASE NUMBER (if applicable), LINE NUMBER, AND SHIPMENT LOCATION.

SHIPMENTS WITH INCOMPLETE PACKING SLIP MAY BE REJECTED AND RETURNED AT THE SUPPLIER'S EXPENSE.

INVOICE AND PAYMENT INQUIRIES SHOULD BE ADDRESSED TO:

ACCTPAYCUSTSRV@JEA.COM

SUPPLIERS CAN LOOK UP THE STATUS OF SUBMITTED INVOICES BY NAVIGATING TO JEA.COM, ABOUT, PROCUREMENT, LOOK UP AND INVOICE.

OR

COPY AND PASTE THE TEXT LINK BELOW INTO THE ADDRESS BAR ON YOUR BROWSER:

https://www.jea.com/about/procurement/look_up_an_invoice/
Please formally accept this order by 26-OCT-2023

Line	Part Number / Description	Delivery Date/Time	Quantity	UOM	Unit Price	Amount
1	NEW PO FOR PN 8008868. PWO 31263062. N33 EMERGENCY FIRE REPAIRS. D&D - PROVIDE LABOR, EQPT & MATERIALS FOR COMPARTMENT, BUS & CABINET REFURBISHMENT/REPLACEMENT PER QUOTE Q-1026. CONTACT: BURSCM@JEA.COM CHARLES BURSICH 904 665 6321 1 Ship To: Use the ship-to address at the top of page 1					$380,990.00
					Total:	**380,990.00 (USD)**

Approving Authority

Jenny G. McCollum,
Chief Purchasing Officer

JEA AND ST. JOHNS RIVER POWER PARK (SJRPP)
PURCHASE ORDER TERMS AND CONDITIONS

1. The term .Company. shall mean the legal person, firm, corporation or any other entity, or business relationship with whom JEA has issued a Purchase Order to or has executed a Contract with.

2. Acceptance of this purchase order is limited to the terms on the face hereof and these Purchase Order Terms and Conditions. Additional or modified terms on Company.s form are objected to and rejected and shall be deemed a material alteration hereof.

3. TAX INSTRUCTIONS: Do not include sales and use tax. We remit tax directly to State of Florida. Registration for JEA 85-8012753002C-9; for SJRPP TPP-0142. Certificate of FET exempt # for JEA 59-2983007; for SJRPP 59-2351813.

4. JEA will issue payment to the Company for the amount requested in accordance with the payment terms listed herein following the date the invoice is received by JEA. JEA may reject an improper invoice within 10 calendar days after receipt. JEA will return the invoice to the Company stating the reasons for rejection. Upon receipt of an acceptable revised invoice, JEA will issue payment to the Company for the revised amount within the original payment terms or 10 days, whichever is latest.

5. JEA reserves the right to terminate all or part of this contract for its convenience. In such event, Company shall immediately stop all work and observe any instructions from JEA as to work in process. Company shall be paid an equitable adjustment for work already performed.

6. JEA may also terminate all or part of this contract for cause in the event of a default by Company. In such event, JEA shall not be liable to Company for any amounts, and Company shall be liable for, and shall hold JEA harmless from, any damages occasioned by the Company.s breach or default. If it should be determined that the JEA has improperly terminated this contract for default, such termination shall be deemed to be for JEA.s convenience.

7. Company warrants that all goods or services furnished hereunder shall be merchantable, and free from any defects in workmanship or material. If Company has been informed of the use of the products, Company also warrants that the items furnished hereunder are suited and appropriate for such use. Company shall indemnify and save the JEA harmless from any breach of this warranty, and no limitations on JEA.s remedy in Company.s documents shall operate to reduce this indemnification. Company shall extend all warranties it receives from its vendors to JEA. This warranty is in addition to all warranties contained under the law.

8. Company warrants that the prices quoted hereunder are the lowest prices inclusive of all applicable discounts for these or similar articles sold by the Company to other customers, and in the event of any price reduction between execution of the purchase order and delivery of the goods, JEA shall be entitled to such reduction.

9. JEA may delay delivery or acceptance of goods in the event of any unforeseen event. Company shall hold the goods pending JEA.s direction, and JEA shall be liable only for direct increased costs incurred by the Company by reason of JEA.s instructions.

10. JEA or representatives shall be allowed access to Company.s plants and to plants of Company.s suppliers to expedite production and shipment of goods. Company shall upon timely request furnish schedules and progress reports for JEA.s use in expediting.

11. JEA shall have the right to make changes in this order at any time and Company agrees to accept such changes. In the event such changes result in decreased or additional costs, JEA shall make an equitable adjustment in the purchase price provided any additional costs are itemized for JEA by Company.

12. Company agrees to hold JEA harmless from any patent or similar proceedings which are based on products sold by the Company hereunder. Company shall defend any such suits at its own expense, and JEA shall have the right to have such litigation monitored by its own counsel at the expense of Company.

13. For ten dollars ($10.00) acknowledged to be included and paid for in the purchase price and other good and valuable considerations, the Company shall hold harmless, defend and indemnify JEA (and if applicable, Florida Power & Light Company (.FPL.), for purchases pertaining to the St. Johns River Power Park facility) against any claim, action, loss, damage, injury, liability, cost and expense of whatsoever kind or nature (including, but not by way of limitation, reasonable attorney.s fees and court costs) arising out of injury (whether mental or corporeal) to persons, including death, or damage to property, arising out of or incidental to the negligence, recklessness or intentional wrongful misconduct of Company and any person or entity used by Company in the performance of this Purchase Order or associated Contract. For purposes of this indemnification, the terms .JEA. and .FPL. shall include their governing boards, officers, employees, agents, successors, and assigns. The indemnification shall survive the term of the Purchase Order or associated Contract, for events that occurred during the term of this agreement. This indemnification shall be separate and apart from, and in addition to, any other indemnification provisions set forth elsewhere in this Purchase Order or associated Contract.

14. In the event that Company.s performance or contemplated performance of services hereunder, by Company.s employees or by persons under contract to Company, is to be done on JEA.s property, Company agrees that all such work shall be done as an independent contractor and that the persons doing such work shall not be considered employees of JEA. Company shall maintain all necessary insurance coverages, including public liability and Worker.s Compensation insurance. Company shall indemnify and save harmless and defend JEA from any and all claims of liabilities arising out of the work covered by this paragraph.

15. Payment for the goods delivered under this order shall not be deemed acceptance of such goods. Goods shall only be deemed accepted when they have actually been counted, inspected and tested by the JEA and found to be in conformance with this order. However, failure to inspect or test by JEA shall not relieve the Company of any responsibilities hereunder.

16. Time is of the essence on this contract. Company shall take all reasonable actions, including but not limited to use of overtime and shipment by expedited means, all at Company.s expense, to meet promised delivery.

17. This purchase order shall be governed by the laws of the State of Florida. All goods or services offered by Company pursuant to this contract shall comply with, satisfy and be subjected to all applicable codes, ordinances, rules and regulations of any governmental authority having jurisdiction, including the Florida Public Records law.

18. Material Safety Data Sheets (MSDS) must accompany shipments of any items containing toxic substances listed in Chapter 442, Florida Statutes.

19. This purchase order and any documents referred to on the face hereof and these Purchase Order Terms and Conditions constitute the entire agreement between the parties and can only be modified by change order. No part of this order may be assigned or subcontracted without the prior written approval of JEA. Any monies due JEA from Company can be set off from any monies due Company from JEA whether or not under this contract. JEA.s failure to insist on any right shall not operate as a waiver of any other right.

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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:

D&D Electrical Bus Service, LLC

2. Description of Services or Supplies provided by Vendor:

This will be an Emergency Procurement in response to inadvertent damage that occurred on NSCT3. D&D Electrical Bus Service has the availability and resources to respond to required repairs immediately. This will include work scope identified on D&D quote reference number Q-1026.

3. Certification:

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

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

☐ **Single Source Procurement**. Please state which subsection of Section 3-112 above applies to this Single Source Procurement:_____

OR

☑ **Emergency Procurement** - Please state which subsection of Section 3-113 above applies to this Emergency Procurement: 3-113(a)

Brian Wilds Digitally signed by Brian Wilds Date: 2023.10.23 11:29:09 -04'00' 10/23/23

Signature of JEA Business Unit Manager **Date**

_____

Name of JEA Business Unit Manager

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

MILLER ELECTRIC COMPANY
Powering the Possibilities

PO Box 1799 (32201)
6805 Southpoint Parkway
Jacksonville, FL 32216
TOLL FREE: 800.554.4761
FAX: 904.389.8653
www.mecojax.com

December 1, 2023

JEA
4377 Heckscher Dr,
Jacksonville, Fl. 32226

Re: NGS CT Unit's 3,6&5 - Cable Tray Cover Replacement

Mr. Amar,

We are pleased to submit our proposal to furnish labor, materials, tools and supervision for the electrical installation on the above referenced project as per the information provided.

Our price includes and is based on the following:

Inclusions and Clarifications:

1. Our price is based on work being performed during normal working hours.
2. Working on Holidays is not included in pricing.
3. All work will be performed in strict accordance with NFPA 70E, Miller Electric Safety Policy, OSHA 29CFR1910.333 and OSHA 29CFR1926.416.
4. Provide and install three runs of aluminum cable tray covers as per the options below that will be fabricated from .125, Type 5052 aluminum metal one for each CT Unit 3,5&6.
5. Provide stainless steel ¼" bolting hardware to fasten cable tray covers to the existing cable tray.
6. Provide rental equipment and a ground man while working in boom lifts.

Our Lump Sum Price for flat covers on all three units is in the amount of……..…$67,001.16

Our Lump Sum Price for peaked covers on all three units is in the amount of……$84,387.94

We appreciate the opportunity to submit our proposal and look forward to working with you on this and any other projects you may have in the future.

Thank You,

MILLER ELECTRIC COMPANY

Robbie Thomas, Sr. Project Manager

Award #8 12/14/2023 Supporting Documents

Project Scope Statement

Project Name:	N33 Generator MV Bus, Breaker, Wiring Replacement.
Address:	4377 Heckscher Dr., Jacksonville, FL 32226
Overall Project Budget:	$3,850,262
Start Date:	11/11/2023
Index #:	TBD
Priority:	Extremely High
Requested By:	Margaret Limbaugh

Revision History (add rows as needed)			
Version	**Date**	**Author**	**Comments**
0	11/11/2023	Blake Bobitt	PD created with input from Jose Dominguez and Contractors
1	12/1/2023	Blake Bobitt	Addition of Stator Rewind.
2	12/4/2023	Blake Bobitt	Addition of Air Intake Structure Refurbishment.

Project Stakeholders (add or delete rows as applicable)	
Role	**Name**
Sr Director/Director Projects	Gabor Acs
Manager of PM	Jamila Akrayi
Project Manager	
Technical Lead	Blake Bobitt
Environmental	
Facilities	
Security	
Safety	
Scheduler	
Estimator	
Cost Specialist	

Project Scope Statement Approval (add rows as applicable)			
Role	**Name**	**Approval Received**	**Date of Approval**
Electric Systems	Ricky Erixton	☐	
Project Owner/ Director	Margaret Limbaugh	☐	
Manager of PM	Jamila Akrayi	☐	
Plant Operations	Brian Wilds	☐	
Plant Maintenance	Bryan Holmes	☐	
Project Requestor	N/A	☐	
Sr Engineering Manager	David Biruk	☐	
Engineering Manager	Jose Dominguez	☐	
Projects Control/Estimate	Tim Byrnes / Michael Hinson	☐	
Environmental	N/A	☐	
Security	N/A	☐	

Project Summary

This project is being proposed to rewind CT3's Stator, refurbish CT3's Air Intake Structure, replace the medium voltage tap conductors, control cable, SIS wire, mercury switches, main breaker, potential

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transformers inside of the NCT3 GE Switchgear. Testing will also be performed on the power transformers and generator stator to verify that they did not sustain any damage during CT3 fire incident.

Introduction & Background

NCT3 was commissioned in Circa 1974 and is rated for 68.889MVA with a 10MW/Min ramp rate. On October 12th, 2023, at 10:05am an explosion was heard near NCT3, smoke and arcing were noticed next to the generator. The Fire Department was dispatched, and the Unit was electrically isolated so that the fire department could extinguish the flames. The generator breaker, peripheral components, and aluminum bus above it were seriously damaged. The non-segregated bus duct was sent to Mississippi for repairs. Switchgear wiring was damaged in adjacent compartments. Instrumentation in adjacent compartments looks to be overheated and needs to be tested along with two power transformers. Power cables for the Exciter PPT transformer were destroyed and need to be replaced. The control wiring from the Multi Unit Control House to the Switchgear needs to be replaced due to grounded circuits. Generator Stator testing yielded results indicative of failing winding insulation. Modifications to the cable route will need to be performed to terminate the new control cable and to bypass existing conduits installed in the early 1970's as they are thought to have serious corrosion issues that are causing grounds in cables. Per the IRP and runtime forecast models, these units will play a critical role in JEA's generation fleet flexibility as more renewable power is introduced to the system.

Project Justification

There is significant fire damage inside of the switchgear compartment. A project is necessary to make the Unit available.

Project Scope of Work

The scope of work below applies to NCT3.

Rewind CT3's Generator Stator.

Refurbish CT3's Air Intake Structure.

Removal and refurbishment of the 1974 Calvert non-segregated bus that connects the Excitation System to the Generator and the Cable Bus.

Removal of the Generator breaker and evaluation to repair versus replace.

Installation of Porcelain Bottles poured around bus to fit breaker and non-segregated bus.

Installation of three medium voltage shielded cables ran from the breaker compartment to the excitation compartment with special lugs to fit the bus bar and stress cones.

Installation of a DC motor for Breaker Elevation.

Testing of the newly installed medium voltage cables using 5kV Megger and 36kV High Potential tests to ensure proper installation and function of the new cables/bushings. Testing shall be accomplished with a MIT515 Megger and a PTS-80 DC HiPot Tester or equivalent utilizing NETA guidelines.

Installation of approximately fifteen hundred feet of new SIS wire inside of the switchgear compartment with new lugs and phenolic terminal boards.

Installation of approximately sixteen hundred feet of twelve conductor control cable from the Multi-Unit Control House to the Switchgear. There are five, three-hundred-foot cable runs.

Materials

- Stator Bars shipping from Tacoma WA.
- 15kV 500MCM Shielded cable.
    - 3 shielded cables, 150FT.
- Medium Voltage Raychem Stress Cone Terminations.
    - 3 terminations.
- Stress cone grounding materials.
- Single-hole Burndy compression lugs for Terminal Boards.
    - 340 lugs.
- New or Reconditioned Generator Breaker.
    - Cost of New is more than 2X of reconditioned.
- New Shutter and Lift Assembly for Breaker.
- New DC motor for elevator lifting.
- Three new Surge Arrestors.
- Three new 0.25 MFD Capacitors.
- Seven new GE 4000:5 Doughnut CT's.
- New or reconditioned Porcelain Bottles for line and load side of Generator Breaker.
- Five new twelve conductor control cables. Sixteen hundred feet in total.
- SIS wire for switchgear wiring. Fifteen hundred feet in total.
- Three hundred and forty Burndy Lugs.
- Fifteen phenolic terminal boards.
- Ten space heaters and two mercury switches
- Mechanical operating MOC switch.
- Pistol grip control operating handle.
- Paint and Parts for Air Intake Structure

MD&A Scope of Work

The below scope of work in the amount of $473,041 dollars will be paid for using O&M budget funds. Any repairs and parts needed to make unit available after the inspection will be paid for using capital budget funds.

1. MD&A will open and disassemble the unit to perform detailed inspections.
2. MD&A will perform a major generator inspection (rotor-out) to conduct tests including ELCID and wedge tightness.
3. MD&A will assemble the unit and perform alignment tests.
4. Shipping Stator Bars from Tacoma, WA to NGS.
5. Re-Open and disassemble the unit.
6. Rewind Stator.

References

NEC Article 300: General Requirements for Wiring Methods and Materials
NEC Article 310: Conductors for General Wiring

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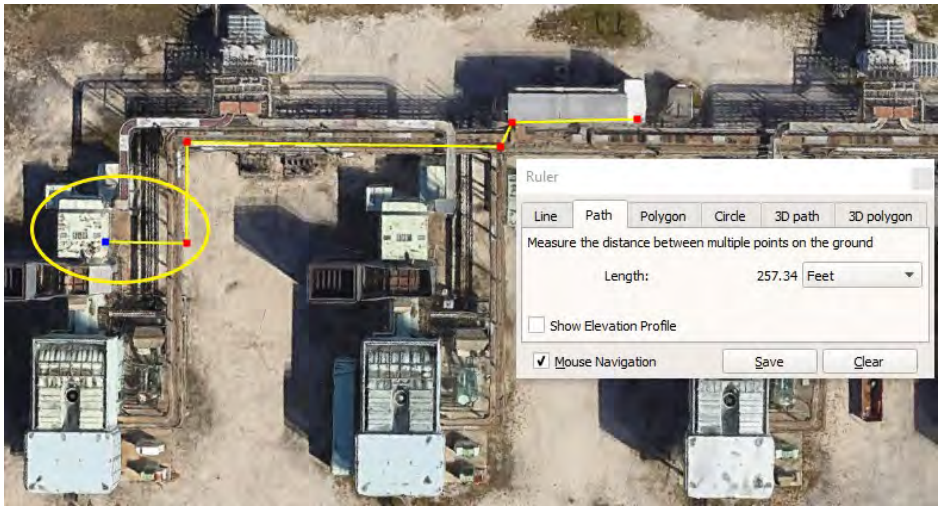
NEC Article 328: Medium Voltage Cable: Type MV
NEC Article 392: Cable Trays
NEC Article 399: Outdoor Overhead Conductors over 1000 Volts
NEC Article 450: Transformers and Transformer Vaults (Including Secondary Ties)
RS&H Drawings from 1974.
MKVI Drawings from 2009.



Cable Tray visible on Google Earth.

NCT3 October 12th 2023 Fire Damage.

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Breaker Compartment Porcelain Bottles Above Breaker Load Side.

Breaker Compartment Porcelain Bottles Above Breaker Line Side.

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Rear of Breaker Compartment.

Award #8 12/14/2023 Supporting Documents

CT3 Enclosure Damage.

Award #8 12/14/2023 Supporting Documents

CT3 Non-Segregated Phase Bus Damage.

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CT3 Breaker Damage.

Risks

This work will be done as discovery happens. Risk of going over budget or over schedule is normal for a forced outage with fire damage. The items listed above are expected to be the bulk of the scope, but they are not all inclusive.

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Project Cost Estimate and Expenditure Forecast

Project Cost Estimate Breakdown							
Cost Category	**Project Request**	**10% Design**	**30% Design**	**60% Design**	**90% Design**	**100% Design**	**Construction**
Engineering (enter engineering fee only)	$12,000						
Surveys (survey portion of engineering consultant's fee if applicable)	$0.00						
Studies (studies portion of engineering consultant's fee if applicable)	$0.00						
Permitting	$0.00						
Real Estate	$0.00						
Project Management	$24,000						
Project Support	$28,000						
Construction	$2,864,832						
Services During Construction	$0.00						
JEA Supplied Labor/Materials	$18,115						
Contingency	$916,746						
Total	**$3,863,693**						

Significant Material Summary			
Description	**Unit Measure**	**Quantity**	**Cost Estimate**
Switchgear Material cost for CT3	EA	1	$345,734.98
Cost for Stator Bars is included in Rewind.	EA	1	$1,000,000.00
Cost for Air Intake is Included in Refurb.	EA	1	$100,000.00

Project Implementation Schedule

Milestone	Project Request	10% Design	30% Design	60% Design	90% Design	100% Design	Construction
Project Start	11/11/2023						
Design Start	11/12/2023						
Design Finish	11/20/2023						
Bid & Award	12/10/2023						
Construction Start	12/25/2023						
Substantial Completion	1/30/2024						
Final Completion	3/15/2024						

PROJECTED CASH FLOW BY MONTH FOR FISCAL YEAR FY 2024														
													FY TOTAL	Project Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
Project Budget														
JEA Cost & Engineering		$18,000	$13,000	$13,000	$12,000	$8,000							$64,000	**$64,000**
Equipment/Fabrication		$167,798	$498,000	$900,000	$822,000	$1,050,000							$3,437,798	**$3,437,798**
Construction/Project Closeout		$20,000	$110,000	$115,000	$100,000	$16,895							$361,895	**$361,895**
Contract/PO Encumbrance													$0	**$0**
TOTAL	**$0**	**$205,798**	**$621,000**	**$1,028,000**	**$934,000**	**$1,074,895**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$3,863,693**	**$3,863,693**
Quarterly Cash Flow		**1st Quarter**	**$826,798**		**2nd Quarter**	**$3,036,895**		**3rd Quarter**	**$0**		**4th Quarter**	**$0**		

Award #8 12/14/2023 Supporting Documents

Attachment A – Cost Estimate

Project:	NGS - N33 Generator MV Bus Breaker Wiring Replacement						**Project Manager**	Chuck Bursich
CIP Cat:	Electrical System Generation						**PWO Number:**	31263062
File Name:	EP24018 NGS - N33 Generator MV Bus Breaker Wiring Replacement						**Estimate No:**	EP24018
Facility	NGS							
							Date:	12/4/2023
CONCEPTUAL DESIGN				**CLASS 3**				
DIRECT CONSTRUCTION COSTS								
Contractor Cost			**Material**	**Labor**	**Equipment**	**Other/Sub-Cont.**	**TOTAL**	
Total From Estimate Details			**$0**	**$0**	**$0**	**$2,864,832**	**$2,864,832**	
Contingency (Contractors Risk)		20%	**$0**	**$0**	**$0**	**$572,966**	**$572,966**	
Subtotal Contractor Cost			**$0**	**$0**	**$0**	**$3,437,798**	**$3,437,798**	
Total Contractor Costs			**$0**	**$0**	**$0**	**$3,437,798**	**$3,437,798**	
Additional Direct Costs			**Material**	**JEA Labor**	**Equipment**	**Other/Sub-Cont.**	**TOTAL**	
JEA Supplied Material & Labor			$5,250	$12,865	$0	$0	$18,115	
JEA Contract Contingency		10%	$0	$0	$0	$343,780	$343,780	
Subtotal: Additional Direct Costs			**$5,250**	**$12,865**	**$0**	**$343,780**	**$361,895**	
Total Direct Costs			**$5,250**	**$12,865**	**$0**	**$3,781,578**	**$3,799,693**	
JEA Cost & Engineering				**JEA Labor**		**Sub-Cont.**	**TOTAL**	
Project Management				$24,000		$0	$24,000	
Engineering				$12,000		$0	$12,000	
Project Support				$28,000		$0	$28,000	
Miscellaneous				$0		$0	$0	
Subtotal: JEA Cost and Engineering				**$64,000**		**$0**	**$64,000**	
Total Project Costs			**$5,250**	**$76,865**	**$0**	**$3,781,578**	**$3,863,693**	
						N33 Generator MV Bus Breaker and Wiring Replacement		
			CLASS 3	**Accuracy Range**		**$3,268,307**	**to**	**$5,477,178**

JEA
225 North Pearl Street
Jacksonville, FL 32202-4513
United States

Type	**Standard Purchase Order**
Purchase Order	**216869**
Revision	**5**
Order Created Date	**24-OCT-2023**
Buyer	**Holloway, Victoria**
Telephone	
Email	**hollvl@jea.com**
Revision Date	**17-NOV-2023**

Company:
MILLER ELECTRIC COMPANY
2251 ROSSELLE ST
Jacksonville, FL 32204
United States

Ship To	Bill To
JEA NORTHSIDE GENERATING STATION **4433 WILLIAM OSTNER ROAD** **Jacksonville, FL 32226** **United States**	**acctpaycustsrv@jea.com**

Customer Account No.	Company No.	Payment Terms	Freight Terms	FOB	Transportation	Ship Via
	58984	**NET 30**	**Paid**	**DESTINATION**		**BEST WAY**

Company Contact	Requester
	Young, Joseph **younjp@jea.com**

Notes to Company:

THIS PURCHASE ORDER IS YOUR NOTICE TO PROCEED. THIS PURCHASE ORDER IS FOR THE SERVICE WORK LISTED ON THE PURCHASE ORDER LINES BELOW. THE PURCHASE ORDER AMOUNT LISTED AT THE TOP OF THE PURCHASE ORDER IS THE NOT TO EXCEED (NTE) PRICE FOR THE CURRENT SCOPE OF WORK. IF THE SCOPE OF WORK OR SERVICE REQUIRED EXCEEDS OR WILL EXCEED THE CURRENT NTE PRICE THE SUPPLIER SHALL CONTACT THE PURCHASE ORDER CONTACT AND REQUEST DIRECTION ON HOW TO PROCEED. THE SUPPLIER SHALL PROVIDE ANY PRICE ADJUSTMENT REQUIRED TO COMPLETE THE WORK TO JEA AS SOON AS POSSIBLE.

INVOICES MUST BE SENT TO:

ACCTPAYCUSTSRV@JEA.COM

INVOICES SENT TO ANY OTHER E-MAIL ADDRESS WILL NOT BE PAID.

ALL INVOICES MUST REFERENCE THIS PURCHASE ORDER NUMBER.

TO ASSURE ACCURATE DELIVERY AND PAYMENT, ALL INVOICES AND PACKING SLIPS MUST CONTAIN THE PURCHASE ORDER NUMBER, RELEASE NUMBER (if applicable), LINE NUMBER, AND SHIPMENT LOCATION.

SHIPMENTS WITH INCOMPLETE PACKING SLIP MAY BE REJECTED AND RETURNED AT THE SUPPLIER'S EXPENSE.

INVOICE AND PAYMENT INQUIRIES SHOULD BE ADDRESSED TO:

ACCTPAYCUSTSRV@JEA.COM

SUPPLIERS CAN LOOK UP THE STATUS OF SUBMITTED INVOICES BY NAVIGATING TO JEA.COM, ABOUT, PROCUREMENT, LOOK UP AND INVOICE.

OR

COPY AND PASTE THE TEXT LINK BELOW INTO THE ADDRESS BAR ON YOUR BROWSER:

https://www.jea.com/about/procurement/look_up_an_invoice/

THIS PURCHASE ORDER IS ISSUED WITH JEA'S STANDARD PAYMENT TERMS:

30 DAYS, NET INVOICE RECEIPT BY JEA.

JEA WOULD LIKE TO OFFER ANY OR ALL OF THE FOLLOWING OPTIONAL PAYMENT TERMS, ONE OF WHICH MAY BE EXECUTED AT THE REQUEST OF THE SUPPLIER, BY CORRESPONDING (BY EMAIL) TO THE ISSUING BUYER:

1% 20, NET 30
2% 10, NET 30

SUPPLIER MAY REQUEST ALTERNATE PAYMENT TERMS FOR JEA'S CONSIDERATION, HOWEVER, ALTERNATE PAYMENT TERMS ARE NOT EFFECTIVE UNTIL ACCEPTANCE BY JEA. JEA MAY ELECT TO ACCEPT THE ALTERNATE OR OPTIONAL PAYMENT TERMS AND ISSUE A CHANGE ORDER, OR MAINTAIN THE JEA STANDARD PAYMENT TERMS.

**** PLEASE NOTE ALL PAYMENT DATES ARE CALCULATED FROM THE DATE OF THE INVOICE RECEIPT BY ACCOUNTS PAYABLE. *******
Please formally accept this order by 26-OCT-2023

Line	Part Number / Description	Delivery Date/Time	Quantity	UOM	Unit Price	Amount
1						$0.00

NEW PO FOR PN 8008868. PWO 31263062. N33 EMERGENCY GENERATOR HV CABLE AND BUSHING REPLACEMENT PROJECT. MILLER ELECTRIC - PROVIDE LABOR, EQPT & MATERIALS TO COMPLETE THE 15kV FEEDER REPLACEMENT PER QUOTE Q-1025R2.

CONTACT:
BURSCM@JEA.COM
CHARLES BURSICH
904 665 6321

1 Ship To:
Use the ship-to address at the top of page 1

This shipment CANCELLED on 03-NOV-2023
Original shipment quantity: 216913.21
Quantity CANCELLED: 216913.21

Line	Part Number / Description	Delivery Date/Time	Quantity	UOM	Unit Price	Amount

2 $0.00

NEW PO FOR PN 8008868. PWO 31263063. N35 EMERGENCY GENERATOR HV CABLE AND BUSHING REPLACEMENT PROJECT. MILLER ELECTRIC - PROVIDE LABOR, EQPT & MATERIALS TO COMPLETE THE 15kV FEEDER REPLACEMENT PER QUOTE Q-1025R2.

CONTACT:
BURSCM@JEA.COM
CHARLES BURSICH
904 665 6321

1 Ship To:
Use the ship-to address at the top of page 1

This shipment CANCELLED on 03-NOV-2023
Original shipment quantity: 216913.21
Quantity CANCELLED: 216913.21

3 $0.00

NEW PO FOR PN 8008868. PWO 31257903. N36 EMERGENCY GENERATOR HV CABLE AND BUSHING REPLACEMENT PROJECT. MILLER ELECTRIC - PROVIDE LABOR, EQPT & MATERIALS TO COMPLETE THE 15kV FEEDER REPLACEMENT PER QUOTE Q-1025R2.

CONTACT:
BURSCM@JEA.COM
CHARLES BURSICH
904 665 6321

1 Ship To:
Use the ship-to address at the top of page 1

This shipment CANCELLED on 03-NOV-2023
Original shipment quantity: 216913.21
Quantity CANCELLED: 216913.21

4 $216,913.21

CO TO PO 216869. PN 8009374. PWO 31266611. N33 EMERGENCY GENERATOR HV CABLE AND BUSHING REPLACEMENT PROJECT. MILLER ELECTRIC - PROVIDE LABOR, EQPT & MATERIALS TO COMPLETE THE 15kV FEEDER REPLACEMENT PER QUOTE Q-1025R2.

CONTACT:
PEKUA@JEA.COM
AMAR PEKUSIC
904 665 8896

1 Ship To:

Line	Part Number / Description	Delivery Date/Time	Quantity	UOM	Unit Price	Amount

Use the ship-to address at the top of page 1

5 $216,913.21

CO TO PO 216869. PN 8009374. PWO 31266616. N35 EMERGENCY GENERATOR HV CABLE AND BUSHING REPLACEMENT PROJECT. MILLER ELECTRIC - PROVIDE LABOR, EQPT & MATERIALS TO COMPLETE THE 15kV FEEDER REPLACEMENT PER QUOTE Q-1025R2.

CONTACT:
PEKUA@JEA.COM
AMAR PEKUSIC
904 665 8896

1 Ship To:
Use the ship-to address at the top of page 1

6 $216,913.21

CO TO PO 216869. PN 8009374. PWO 31266618. N36 EMERGENCY GENERATOR HV CABLE AND BUSHING REPLACEMENT PROJECT. MILLER ELECTRIC - PROVIDE LABOR, EQPT & MATERIALS TO COMPLETE THE 15kV FEEDER REPLACEMENT PER QUOTE Q-1025R2.

CONTACT:
PEKUA@JEA.COM
AMAR PEKUSIC
904 665 8896

1 Ship To:
Use the ship-to address at the top of page 1

7 $6,768.20

CO TO PO 216869. PN 8009374. PWO 31266611. N33 GENERATOR HV CABLE AND BUSHING REPLACEMENT PROJECT. MILLER ELECTRIC - PROVIDE LABOR, EQPT & MATERIALS TO COMPLETE THE GENERATOR CONNECTION CABINET INSTALLATION PER QUOTE DATTED 11/16/

CONTACT:
PEKUA@JEA.COM
AMAR PEKUSIC
904 665 8896

1 Ship To:
Use the ship-to address at the top of page 1

8 $6,768.20

CO TO PO 216869. PN 8009374. PWO 31266616. N35 GENERATOR HV CABLE AND BUSHING REPLACEMENT PROJECT. MILLER ELECTRIC - PROVIDE LABOR, EQPT & MATERIALS TO COMPLETE THE GENERATOR CONNECTION CABINET INSTALLATION PER QUOTE DATTED 11/16/23.

CONTACT:

Line	Part Number / Description	Delivery Date/Time	Quantity	UOM	Unit Price	Amount
	PEKUA@JEA.COM AMAR PEKUSIC 904 665 8896 1 Ship To: Use the ship-to address at the top of page 1					
9	CO TO PO 216869. PN 8009374. PWO 31266618. N36 GENERATOR HV CABLE AND BUSHING REPLACEMENT PROJECT. MILLER ELECTRIC - PROVIDE LABOR, EQPT & MATERIALS TO COMPLETE THE GENERATOR CONNECTION CABINET INSTALLATION PER QUOTE DATTED 11/16/23. CONTACT: PEKUA@JEA.COM AMAR PEKUSIC 904 665 8896 1 Ship To: Use the ship-to address at the top of page 1					$6,768.20
					Total:	**671,044.23 (USD)**

Approving Authority

Jenny G. McCollum,
Chief Purchasing Officer

JEA AND ST. JOHNS RIVER POWER PARK (SJRPP)
PURCHASE ORDER TERMS AND CONDITIONS

1. The term .Company. shall mean the legal person, firm, corporation or any other entity, or business relationship with whom JEA has issued a Purchase Order to or has executed a Contract with.

2. Acceptance of this purchase order is limited to the terms on the face hereof and these Purchase Order Terms and Conditions. Additional or modified terms on Company.s form are objected to and rejected and shall be deemed a material alteration hereof.

3. TAX INSTRUCTIONS: Do not include sales and use tax. We remit tax directly to State of Florida. Registration for JEA 85-8012753002C-9; for SJRPP TPP-0142. Certificate of FET exempt # for JEA 59-2983007; for SJRPP 59-2351813.

4. JEA will issue payment to the Company for the amount requested in accordance with the payment terms listed herein following the date the invoice is received by JEA. JEA may reject an improper invoice within 10 calendar days after receipt. JEA will return the invoice to the Company stating the reasons for rejection. Upon receipt of an acceptable revised invoice, JEA will issue payment to the Company for the revised amount within the original payment terms or 10 days, whichever is latest.

5. JEA reserves the right to terminate all or part of this contract for its convenience. In such event, Company shall immediately stop all work and observe any instructions from JEA as to work in process. Company shall be paid an equitable adjustment for work already performed.

6. JEA may also terminate all or part of this contract for cause in the event of a default by Company. In such event, JEA shall not be liable to Company for any amounts, and Company shall be liable for, and shall hold JEA harmless from, any damages occasioned by the Company.s breach or default. If it should be determined that the JEA has improperly terminated this contract for default, such termination shall be deemed to be for JEA.s convenience.

7. Company warrants that all goods or services furnished hereunder shall be merchantable, and free from any defects in workmanship or material. If Company has been informed of the use of the products, Company also warrants that the items furnished hereunder are suited and appropriate for such use. Company shall indemnify and save the JEA harmless from any breach of this warranty, and no limitations on JEA.s remedy in Company.s documents shall operate to reduce this indemnification. Company shall extend all warranties it receives from its vendors to JEA. This warranty is in addition to all warranties contained under the law.

8. Company warrants that the prices quoted hereunder are the lowest prices inclusive of all applicable discounts for these or similar articles sold by the Company to other customers, and in the event of any price reduction between execution of the purchase order and delivery of the goods, JEA shall be entitled to such reduction.

9. JEA may delay delivery or acceptance of goods in the event of any unforeseen event. Company shall hold the goods pending JEA.s direction, and JEA shall be liable only for direct increased costs incurred by the Company by reason of JEA.s instructions.

10. JEA or representatives shall be allowed access to Company.s plants and to plants of Company.s suppliers to expedite production and shipment of goods. Company shall upon timely request furnish schedules and progress reports for JEA.s use in expediting.

11. JEA shall have the right to make changes in this order at any time and Company agrees to accept such changes. In the event such changes result in decreased or additional costs, JEA shall make an equitable adjustment in the purchase price provided any additional costs are itemized for JEA by Company.

12. Company agrees to hold JEA harmless from any patent or similar proceedings which are based on products sold by the Company hereunder. Company shall defend any such suits at its own expense, and JEA shall have the right to have such litigation monitored by its own counsel at the expense of Company.

13. For ten dollars ($10.00) acknowledged to be included and paid for in the purchase price and other good and valuable considerations, the Company shall hold harmless, defend and indemnify JEA (and if applicable, Florida Power & Light Company (.FPL.), for purchases pertaining to the St. Johns River Power Park facility) against any claim, action, loss, damage, injury, liability, cost and expense of whatsoever kind or nature (including, but not by way of limitation, reasonable attorney.s fees and court costs) arising out of injury (whether mental or corporeal) to persons, including death, or damage to property, arising out of or incidental to the negligence, recklessness or intentional wrongful misconduct of Company and any person or entity used by Company in the performance of this Purchase Order or associated Contract. For purposes of this indemnification, the terms .JEA. and .FPL. shall include their governing boards, officers, employees, agents, successors, and assigns. The indemnification shall survive the term of the Purchase Order or associated Contract, for events that occurred during the term of this agreement. This indemnification shall be separate and apart from, and in addition to, any other indemnification provisions set forth elsewhere in this Purchase Order or associated Contract.

14. In the event that Company.s performance or contemplated performance of services hereunder, by Company.s employees or by persons under contract to Company, is to be done on JEA.s property, Company agrees that all such work shall be done as an independent contractor and that the persons doing such work shall not be considered employees of JEA. Company shall maintain all necessary insurance coverages, including public liability and Worker.s Compensation insurance. Company shall indemnify and save harmless and defend JEA from any and all claims of liabilities arising out of the work covered by this paragraph.

15. Payment for the goods delivered under this order shall not be deemed acceptance of such goods. Goods shall only be deemed accepted when they have actually been counted, inspected and tested by the JEA and found to be in conformance with this order. However, failure to inspect or test by JEA shall not relieve the Company of any responsibilities hereunder.

16. Time is of the essence on this contract. Company shall take all reasonable actions, including but not limited to use of overtime and shipment by expedited means, all at Company.s expense, to meet promised delivery.

17. This purchase order shall be governed by the laws of the State of Florida. All goods or services offered by Company pursuant to this contract shall comply with, satisfy and be subjected to all applicable codes, ordinances, rules and regulations of any governmental authority having jurisdiction, including the Florida Public Records law.

18. Material Safety Data Sheets (MSDS) must accompany shipments of any items containing toxic substances listed in Chapter 442, Florida Statutes.

19. This purchase order and any documents referred to on the face hereof and these Purchase Order Terms and Conditions constitute the entire agreement between the parties and can only be modified by change order. No part of this order may be assigned or subcontracted without the prior written approval of JEA. Any monies due JEA from Company can be set off from any monies due Company from JEA whether or not under this contract. JEA.s failure to insist on any right shall not operate as a waiver of any other right.

Award #8 12/14/2023 Supporting Documents

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:

Miller Electric Company

2. Description of Services or Supplies provided by Vendor:

This will be an Emergency Procurement in response to inadvertent damage that occurred on NSCT3, NSCT5, and NSCT6. Miller Electrical Company has the availability and resources to respond to required repairs immediately. This will include work scope identified on the PSS "N33, N35, N36 Generator HV Cable and Bushing Replacement" and Miller quotes dated 10/18/23 and 10/20/23.

3. Certification:

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

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

☐ **Single Source Procurement**. Please state which subsection of Section 3-112 above applies to this Single Source Procurement:_____

OR

☑ **Emergency Procurement** - Please state which subsection of Section 3-113 above applies to this Emergency Procurement: 3-113(a)

Brian Wilds Digitally signed by Brian Wilds Date: 2023.10.23 11:29:53 -04'00' 10/23/23

Signature of JEA Business Unit Manager **Date**

Name of JEA Business Unit Manager

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

Award #9 12/14/2023 Supporting Documents

Item Description	Size	LF	Murphy Quote	JEA Estimate	Estimate cost
FY-23 / 7481 Greenway Dr Pipe Burst Project	8	552.00	$ 174,967.10		$ 175,000.00
FY-23 / 936 Mytle Av N Pipe Bust Project	8	306		$ 82,926.00	$ 83,000.00
FY-23 / 4140 Woodcock Dr Pipe Bust Poject	8	502		$ 136,042.00	$ 137,000.00
Fairfax	8	225		$ 60,975.00	$ 61,000.00
11th	10	495		$ 148,500.00	$ 149,000.00
5405 MAIN ST N (BOYLE PIPR BURST)	8	310		$ 84,010.00	$ 85,000.00
343 W 61ST ST (BOYLE PIPEBURST)	8	405		$ 109,755.00	$ 110,000.00
Atlantic- Harbor Oaks to Art Museum WM replacement	2	1,800.00	$ 294,130.00		$ 295,000.00
Fulton Rd & Hartman Rd Gravity	8	220		$ 59,620.00	$ 60,000.00
Package O	2	2,845.00		$ 569,000.00	$ 569,000.00
Concord St GM Burst	8	600		$ 162,600.00	$ 163,000.00
Concord St WM Burst	2	600		$ 102,000.00	$ 102,000.00
Failure Driven Burst (~75% of FY23)	8	7,233.00		$ 1,920,546.76	$ 1,921,000.00
Small Diameter Replacement Program (top 1%)	8	2,220.00		$ 589,466.86	$ 590,000.00
Total		**18,683.80**			**$ 4,500,000.00**

Approved by the JEA Awards Committee

Date: 06/23/2022 Item# 6

Formal Bid and Award System

Award #6 June 23, 2022

Type of Award Request: INVITATION FOR BID (IFB)
Request #: 455
Requestor Name: Breadon, William A. - Project Administrator Construction
Requestor Phone: (904) 665-4285
Solicitation Title: Blacks Ford Water Reclamation Facility Warehouse
Project Number: 8006790
Project Location: JEA
Funds: Capital
Budget Estimate: $1,420,000.00

Scope of Work:

JEA is soliciting Bids for construction services from contractors (hereinafter referred to as "Company") for Blacks Ford Water Reclamation Facility (WRF) Warehouse located at 1245 Reclamation Drive in St Johns County, FL. The contract will include construction of a 5000 square foot (SF) warehouse, additional lighting, additional parking for portable emergency equipment and vehicles, installation of EV infrastructure, and shall include required drainage and stormwater improvements as needed to accommodate new parking and warehouse.

JEA IFB/RFP/State/City/GSA#: 1410682846
Purchasing Agent: Selders, Elaine
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
KBT CONTRACTING CORPORATION	Rebecca Timmons	info@kbtcorp.com	5105 Blanding Blvd. Jacksonville, FL 32210	(904)647-9200	$2,199,797.00

Amount for entire term of Contract/PO: $2,199,797.00
Award Amount for remainder of this FY: $7,000.00
Length of Contract/PO Term: Project Completion
Begin Date: 07/18/2022
End Date: Project Completion (Expected: May 2023)
JSEB Requirement: Five Percent (5%) Requirement

Comments on JSEB Requirements:
JSEB requirement is on the base bid amount of $1,984,797.00 and KBT Contracting Corporation is a JSEB.

BIDDERS:

Name	Amount including SWA
KBT CONTRACTING CORPORATION	$2,084,797.00
FORESIGHT CONSTRUCTION GROUP, INC.	$2,598,817.72
WARDEN CONSTRUCTION CORPORATION	$2,857,117.51
ACON CONSTRUCTION CO., INC	$3,008,600.00
ADVANTAGE CONTRACTING GROUP	Disqualified

Background/Recommendations:

Advertised on 04/21/2022. Six (6) prime contractors attended the mandatory pre-bid meeting held on 05/03/2022. At Bid opening on 05/24/2022, JEA received five (5) Bids. One (1) Company was disqualified due to not submitting the required forms. KBT Contracting Corporation is the lowest responsive and responsible Bidder. A copy of the Bid Form and Workbook are attached as backup.

The bid for the construction cost of this project without the secondary power distribution is $1,900,797.00, which is approximately thirty-four percent (34%) higher than the original budget estimate of $1,420,000.00. The increase is attributed primarily due to material price escalation from the time the original budget estimate was completed in July 2021, and when the bids were received. An addendum was issued requesting secondary power distribution pricing, which was added to the bid in the amount of $84,000.00. A Supplemental Work Allowance (SWA) in the amount of $100,000.00 and alternate pricing for a five (5) ton bridge crane in the amount of $115,000.00 were also included for an award total of $2,199,797.00. The bid was reviewed by JEA and was deemed reasonable. A budget trend was completed and approved for additional funds.

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.

Manager: Poteet, Matthew D. - Manager Facilities Construction & Planning
Director: Brunell, Baley L. - Dir Facilities & Fleet Services
VP: McElroy, Alan D. - VP Supply Chain & Operations Support
Chief: Phillips, Ted B. - Chief Financial Officer

APPROVALS:

Stephen [illegible] 6/23/22

Chairman, Awards Committee **Date**

Laura A Whitmer 6/23/22

Budget Representative **Date**

KBT CONTRACTING CORP.
CGC1520730/CBC058625/CCC1330401
5105 Blanding Blvd.
Jacksonville, Florida 32210
904/771-2876 Fax
904/647-9200 Office
info@kbtcorp.com

REVISED: December 11, 2023

To: JEA
225 N Pearl St
Jacksonville, FL 32202
Attention: William A. Breadon Jr., Project Administrator Construction Senior

Project: CONTRACT # JEA11074 - BLACKS FORD WATER RECLAMATION FACILITY WAREHOUSE

RE: Request for pricing changes/scope changes due to material cost increases and differences in civil scope between bid set on final permit set.

Additional Hard Cost:

1.	Site work cost	$ 75,288.00
2.	Landscaping/Irrigation cost	$ 25,760.00
3.	Concrete price increase for footer, slab, cell fill, columns and beans	$ 8,160.00
4.	Steel price increase for rebar	$ 17,701.00
5.	Double “T” structural roof price increase	$ 31,674.00
6.	Roof materials increase	$ 12,818.00
7.	Two electric roll-up doors and structural opening in lieu of Single manual roll-up door	$ 76,300.00
8.	Electrical for roll-up doors	$ 4,700.00
9.	Crane cost increase	$ 9,400.00
	Total Hard Cost	$261,801.00

Additional Overhead (OH) Cost: Note: Project time extension due to relocation of building is 12 weeks.

Superintendent cost for additional 12 weeks	$ 26,520.00
Project Management at 1/3 cost for 12 weeks	$ 11,088.00
Admin. Cost at 1/4 cost for 12 weeks	$ 5,100.00
Insurance at 2% of Sales	$ 6,258.00
Additional Bond Expense	$ 8,777.00
Total OH Cost	$ 57,743.00

Total Additional Cost:	$319,544.00
Gross Profit before Tax	$ 32,794.00
Total Requested Price Change #3	$352,338.00

Sincerely,

Keith Timmons, Vice President

Approved by the JEA Awards Committee

Date: 12/10/2020 Item# 6

Formal Bid and Award System

Award #6 December 10, 2020

Type of Award Request:	REQUEST FOR PROPOSALS (RFP)
Request #:	6837
Requestor Name:	Bossier, Steven M. - Director Risk Management Services
Requestor Phone:	(904) 665-6019
Project Title:	Property and Casualty Insurance Brokerage Services
Project Number:	Z0000 - 8004052, 8004053, 8004054
Project Location:	JEA
Funds:	O&M
Budget Estimate:	$885,000.00 (for Brokerage Services only)
Scope of Work:	

The purpose of this Request for Proposals (this "RFP") is to evaluate and select a firm ("Company" or "Proposer") to provide the following Property and Casualty Insurance Brokerage Services to JEA (collectively, the "Work" or "Services"):

- Procurement of Insurance (Property and Casualty)
- Property Loss Prevention Engineering
- Claims Settlement (Property and Casualty)

JEA IFB/RFP/State/City/GSA#:	067-20
Purchasing Agent:	Selders, Elaine L.
Is this a Ratification?:	NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
ARTHUR J. GALLAGHER RISK MANAGEMENT SERVICES, INC.	Scott Saporito	scott_saporito@ajg.com	111 Veterans Blvd., Ste. 1130 Metairie, LA 70005	(504) 888-1100	$43,699,609.00

Amount for entire term of Contract/PO:	$43,699,609.00
Award Amount for remainder of this FY:	$13,240,209.00
Length of Contract/PO Term:	Three (3) Years w/One (1) – One (1) Yr. Renewal
Begin Date (mm/dd/yyyy):	01/01/2021
End Date (mm/dd/yyyy):	12/31/2023
Renewal Options:	YES - One (1) - One (1) Yr. Renewal
JSEB Requirement:	N/A - Optional

PROPOSERS:

Name	Amount	Score	Rank
ARTHUR J GALLAGHER RISK MANAGEMENT SERVICES, INC.	$510,000.00	94.33	1
MCGRIFF SEIBELS & WILLIAMS	$525,000.00	80.82	2
AON	$780,000.00	79.21	3

Background/Recommendations:

Advertised on 09/15/2020. At Proposal opening on 09/29/2020, JEA received three (3) Proposals. JEA evaluated the companies on financial responsibility, staff experience, company experience and rates and Arthur J. Gallagher Risk Management Services, Inc. is deemed the highest evaluated Responsive and Responsible Proposer. A copy of the Proposal Form and Evaluation Results are attached as backup.

Under this contract, JEA will pay Arthur J. Gallagher Risk Management Services, Inc. a flat annual fee for Insurance Brokerage Services, and Insurance Premiums are paid to the Insurance Carriers through the broker contract. Per the contract terms, Arthur J. Gallagher Risk Management Services, Inc. is not permitted to add any mark up or commissions to the Insurance Premiums that are paid to the Insurance Carriers through this contract. Documentation to support the selection process for the Insurance Carriers' is on file in JEA Risk Management Services.

In addition to the broker service fees paid to Arthur J. Gallagher Risk Management Services, Inc., JEA pays various premiums through the broker. The premium estimates have been included in the award amount and the budgeted amounts have been attached as backup. The risk management team has budgeted the following amounts for the estimated premiums for the next three (3) years.

- FY 2021 - $13,417,200.00 (includes FY21 Q1 paid to current broker)
- FY 2022 - $14,768,200.00
- FY 2023 - $15,691,200.00

When comparing the price between the current contract and the new contract, it resulted in an approximate thirteen percent (13%) savings or $75,000.00 over three (3) years. The award amount of $510,000.00 is within the forecasted budget estimate.

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

- Total cost difference: $75,000.00

067-20 – Request approval to award a contract to Arthur J. Gallagher Risk Management Services, Inc. for Property and Casualty Insurance Brokerage Services and premiums in the amount of $43,699,609.00, subject to the availability of lawfully appropriated funds.

Director: Bossier, Steven M. - Director Risk Management Services
Chief: Roche, Brian J. - Interim Chief Financial Officer

APPROVALS:

Heather Beard 12/10/2020

Chairman, Awards Committee **Date**

12/15/2020

Budget Representative **Date**

Award #13 12/14/2023 Supporting Documents

Water and Wastewater Items for Inventory Stock

Vendor	Award Amount	Items Won	Last Price Paid	$$ Difference	% Difference
Ferguson Enterprises dba Ferguso	$ 6,845,426.99	873	$ 6,962,341.24	$ (116,914.25)	-1.68%
Fortiline, Inc. d/b/a Fortiline Wate	$ 2,223,120.67	265	$ 2,228,460.96	$ (5,340.29)	-0.24%
Core & Main LP	$ 1,540,882.35	332	$ 1,723,976.26	$ (183,093.91)	-10.62%
FJ Nugent and Associates, Inc.	$ 84,864.08	2	$ 100,815.00	$ (15,950.92)	-15.82%
No Bid Items	$ -	2	$ -	$ -	
Totals	$ 10,694,294.09	$ 1,474.00	$ 11,015,593.46	$ (321,299.37)	-2.92%

Water and Wastewater Items for Capital Projects

Vendor	Award Amount	Items Won	Last Price Paid	$$ Difference	% Difference
Ferguson Enterprises dba Ferguso	$ 1,927,519.14	331	$ 1,697,165.38	$ 230,353.76	13.57%

Award #13 11/14/2023 Supporting Documents

PSI 141470367 Water and Wastewater Items for Inventory Stock Bid Analysis						Total One (1) Year Proposed Bid Price	$ 11,135,188.65			Total One (1) Year Proposed Bid Price	$ 8,483,180.64			Total One (1) Year Proposed Bid Price	$ 8,718,854.05			Total One (1) Year Proposed Bid Price	$ 34,864.09					$ 10,694,294.05			
						Ferguson Enterprises, INC #1132		Branch Stock		Core & Main, LP #0674		Ferguson Waterworks #2500		Core & Main, LP				Ferguson Waterworks #2500									
						Estimated Days From Receipt of Order				Estimated Days From Receipt of Order				Estimated Days From Receipt of Order				Estimated Days From Receipt of Order									
EUL Item ID	Item Description	Vendor Name Mfg. Name & Mfg. Part Number	Quoted Mfg. & Part Number	UOM		Quoted Unit Price	One (1) Year Proposed Bid Price	Lead Time to Calendar Days After Receipt of Order	Contractual Minimum Order Quantities	Quoted Mfg. & Part Number	Quoted Unit Price	One (1) Year Proposed Bid Price	Lead Time to Calendar Days After Receipt of Order	Contractual Minimum Order Quantities	Quoted Mfg. & Part Number	Quoted Unit Price	One (1) Year Proposed Bid Price	Lead Time to Calendar Days After Receipt of Order	Contractual Minimum Order Quantities	Quoted Mfg. & Part Number	Quoted Unit Price	One (1) Year Proposed Bid Price	Lead Time Calendar Days After Receipt of Order	Minimum Order Quantity	Minimum Bid	Winner	Total Cost	Last Price Paid	Price Difference	% Difference
WTK3CXTC	WASHER, MATER, 1"CONNECTION GASKET RED FIBER GASKET, "3/32" THICKNESS ONLY*** ***PACKAGE 100 EACH PER BOX***			EA		1000	$ 0.14																						
FSP-6250	FLANGE, 1-1/2" DIA, 316 BS/PSC, BLIND			EA		1	$ 180.00	14 days	200																				
10000257	TEE, MIPXSLIPXSLIP FOR SHFT, 1-1/2"X 1-1/2"X 1"	CHRONALOX SCB-SO-253809	CHRONALOX SCB-SO-253809	EA		2	$ 450.00	28 days		CHRONALOX SCB-SO-253809	18.92	189.20	189																
FTGRP380	COUPLING, BOLTED - 3", FOR GALVANIZED PIPE (Z-10 DEL STD) DRESSER INDUSTRIES, INC. 0038-9187-013	DRESSER INDUSTRIES, INC. 0038-9187-013		EA		12	$ 1,016.40																						
	LENGTH 7", LOAD PSI MINIMUM WORKING PRESSURE, 4 BOLTS		DRESSER INDUSTRIES, INC. 0038-9187-013	FT		600	$ 84.72	14 days		DRESSER INDUSTRIES, INC. 0038-9187-013	6.04	3,624.00	14																
FPDV2324	PIPE, PVC,SCH 40,1/2", (0.5") LENGTHS, BEL-ON ONE END.			FT		600	$ 810.00	14 days																					
FSW2000	BUSHING, PIPE - GALVANIZED, 3/4" X 3/8", FxT			EA		25	$ 2.85	14 days																					
FGY05002	90 DEGREE VALVE, CURB STOP, 3/4" PVC COMPRESSION TO FIP, BALL	FORD METER BOX COMPANY BTU-332W-NL		EA		1	$ 58.10	168 days																					
CPVA1050	CLAMP, STEEL, 1" CLAMP MUST HAVE TWO BOLT HOLES ON EACH END. CLAMPS TO BE SUPPLIED WITH 4 U/T BOLTS AND NUTS. NOTE: LEAVER ARE TO BE ASSEMBLED BY PACKAGED			EA		1	$ 225.00	21 days																					
FTGCU040	OIL PIPE - GALVANIZED, 3/4" FIPT BOTH ENDS, 45 DEGREE			EA		5	$ 3.08	15 days																					
FTGCU048	COUPLING, PIPE - GALVANIZED, 1/2" FIPT X 1/2" FIPT,			EA		5	$ 2.85	5 days																					
FTGCU160	OIL PIPE - GALVANIZED, 2" FIPT BOTH ENDS, 90 DEGREE			EA		76	$ 5.55	5 days																					
FTGCU200	COUPLING, PIPE - GALVANIZED, 2" FIPT X 2" MIPT & 0.0" DRILL			EA		12	$ 14.76	5 days																					
FTGCU220	ELB PIPE - GALVANIZED, 2-1/2" FIPT BOTH ENDS, 90 DEGREE			EA		42	$ 17.96	5 days																					
FTGCU250	OIL PIPE - GALVANIZED, 2-1/2" FIPT X 3/4" MIPT, 90 DEGREE			EA		12	$ 10.68	5 days																					
FTGCU260	OIL PIPE - GALVANIZED, 2-1/2" FIPT BOTH ENDS, 90 DEGREE			EA		6	$ 9.36	5 days																					
FTGCU280	OIL PIPE - GALVANIZED, 2-1/2" FIPT BOTH ENDS, 45 DEGREE			EA		3	$ 6.84	5 days																					
FTGCU425	OIL PIPE - STREET, GALVANIZED, 3/4" FIPT X 3/4" MIPT, 90 DEGREE			EA		15	$ 4.65	15 days																					
FSW2040	COUPLING, PIPE - GALVANIZED, 3/4" X 3/4", FxT			EA		30	$ 2.85	14 days																					
FTGCU240	OIL PIPE - GALVANIZED, 3/4" FIPT BOTH ENDS, 90 DEGREE			EA		11	$ 1.72	5 days																					
FPTRR119	WASHER, MATER 3/4" RUBBER WATER GASKET (1/8" THICK X 1-5/32" OUTSIDE DIAMETER RUBBER WASHERS ONLY. SIZE MUST EXACT. ***** NO SUBSTITUTES ***** ***PACKAGE 100 EACH PER BOX***			EA		100100	$ 0.11	14 days	100																					
FSW2060	COUPLING, PIPE - GALVANIZED, 2" FIPT X 2" MIPT,			EA		180	$ 7.38	14 days																					
FTGCR200	REDUCER, PIPE - GALVANIZED, 2" X 1-1/4" FIPT BOTH ENDS,			EA		5	$ 10.95	5 days																					
FSW2000	SQUARE HEAD PLUG, PIPE - GALVANIZED, 3/4" MIPT,			EA		122	$ 2.85	5 days																					
FTGCR160	REDUCER, PIPE - GALVANIZED, 1-1/2" FIPT X 1" MIPT BOTH ENDS,			EA		6	$ 4.92	5 days																					
FTGCR070	REDUCER, PIPE - GALVANIZED, 3/4" X 1/2" FIPT BOTH ENDS,			EA		5	$ 1.98	5 days																					
FSW2060	TEE PIPE - GALVANIZED, 3/4"X 3/4"X 3/4" FIPT,			EA		1	$ 2.85	14 days																					
FSW2020	SQUARE HEAD PLUG, PIPE - GALVANIZED, 1-1/2" MIPT,			EA		5	$ 7.38	14 days																					
FTGCR100	REDUCER, PIPE - GALVANIZED, 1-1/4" X 3/4 FIPT BOTH ENDS,			EA		4	$ 10.70	5 days																					
FSW2080	REDUCER, PIPE - GALVANIZED, 1" X 3/4" FIPT BOTH ENDS,			EA		30	$ 4.92	5 days																					
FSW2085	SQUARE HEAD PLUG, PIPE - GALVANIZED, 1" MIPT,			EA		15	$ 5.90	5 days																					
FSW2090	SQUARE HEAD PLUG, PIPE - GALVANIZED, 1-1/4" MIPT,			EA		15	$ 7.38	5 days																					
FSW2095	TEE, PIPE - GALVANIZED,1" X 1" X 3/4",			EA		3	$ 4.26	5 days																					
FHY05185	NUT, OPERATING FIRE HYDRANT, 4-1/2" W & N, OPEN RIGHT. FOR MUELLER HYDRANTS. **** NO SUBSTITUTES ****		M & H #46754	EA		12	$ 6,720.00	21 days					M & H #46754		170.00	$ 2,040.00	7 - 14 Weeks											
FSW2080	TEE, PIPE - GALVANIZED, 1-1/4" X 1-1/4" X 1/4" FIPT,			EA		11	$ 7.38	5 days																					
FSW2080	TEE, PIPE - GALVANIZED, 1" X 1" X 1/4" FIPT,			EA		30	$ 4.92	5 days																					
FSW2080	SQUARE HEAD PLUG, PIPE - GALVANIZED, 1-1/2" MIPT,			EA		30	$ 7.38	5 days																					
FSW2120	TEE, PIPE - GALVANIZED, 2" X 2" X 2" FIPT,			EA		30	$ 11.70	5 days																					
FSW2080	TEE, PIPE - GALVANIZED, 1" X 1" X 1" FIPT BOTH ENDS,			EA		30	$ 4.92	5 days																					
FSW2080	REDUCER, PIPE - GALVANIZED, 4" X 2",			EA		1	$ 107.26	5 days																					
FTGCR140	REDUCER, PIPE - GALVANIZED, 2" X 1/2" FIPT BOTH ENDS,			EA		3	$ 13.89	5 days																					
FFHYP320	KIT, EXTENSION 12" FIRE HYDRANT WATEROUS WB67	WATEROUS WB67	WATEROUS WB67	EA		2	$ 363.75	21 days																					
CPRNN338	TS, WIDE RANGE, SERVICE SADDLE, 16" x 2" OS 18.42 - 18.20 IC		TTS T353-1023-2013 EX	EA		1	$ 411.75	21 days		TTS T353-1023-2013 EX	438.75	438.75	28		TTS T353-1023-2013 EX	472.00	472.00	7 - 14 weeks										
FTKCY090	UNION, PIPE - GALVANIZED, 2" X 2" FIPT, BRASS SEAT, GROUND JOINT			EA		6	$ 48.20	189.20																					
CPRNN337	TS, WIDE RANGE SERVICE SADDLE, 12" x 2" OS 13.65 - 14.42 IC		TTS PTA T353-1442-2013 EX	EA		1	$ 337.14	1,011.42	21 days	TTS PTA T353-1442-2013 EX	359.26	1077.78	28		TTS PTA T353-1442-2013 EX	387.00	1,161.00	3 to 5 weeks										
MTKB389	WASHER, MATER, 1-1/2"CONNECTION GASKET RED FIBER GASKET, "1/32" THICKNESS ONLY*** ***PACKAGE 100 EACH PER BOX***			EA		100	$ 44.00	0.44																					
FSW2410	NIPPLE, 2" DIA X 6" LONG, SCH 40 GALVANIZED, THREADED,			EA		4	$ 31.56	14 days	100		6.24	24.96	14			47.00	188.00	7 - 14 Weeks										
FTKCY100	COUPLING, HOSE, 1/2", BARBED END, NATIONAL SERIES "K", BRASS,			EA		4	$ 10.40	14 days																					
PKPV405	PIPE, PVC, SCH40, 1", (0.5") LENGTHS, PURPLE REGJAW WATER	DOWN VALVE & COUPLING KPG-8	DOWN VALVE & COUPLING KPG-8	EA		50	$ 140.00	14 days		DOWN VALVE & COUPLING KPG-8	68.00	3401.5	28		DOWN VALVE & COUPLING KPG-8	70.00	3,500.00	7 Weeks										
FSW2000	ELBOW, MIPXSLIP, 3/4" X 3/4",	FORD 0SSSSMPUMP	FORD 0SSSSMPUMP	EA		360	$ 41,040.00	14 days	Per 5 price							18.00	17,298.00	7 Weeks										
PFDM-212	NIPPLE, 3/4" DIA X 2" LONG, SCH 40 GALVANIZED, THREADED			EA		30	$ 90.90																						
PPV1500	PIPE, PVC, SCH 40, 6", (0.5") LENGTHS, **** NO SUBSTITUTES ****			FT		20	$ 217.00	14 days																					
PPVC114	PIPE, PVC SCH 40 1-1/4 " (0.5") LENGTHS, BEL-ON ONE END. D.R = 1			FT		20	$ 217.00	14 days																					
FSW2000	NIPPLE, PVC, SCH 40, 3/4", (0.5") LENGTHS, BEL-ON ONE END.			EA		280	$ 1.53	14 days																					
FSW2030	NIPPLE, PIPE - GALVANIZED, 3/4" X 4", MIPT BOTH ENDS,			EA		10	$ 4.80	14 days																					
CPRNN474	TS, PVC,SCH 40, 1-1/2", (0.5") LENGTHS,			EA		180	$ 5.55	14 days																					
PPVC150	PIPE, PVC,SCH 40,1-1/2", (0.5") LENGTHS, BEL-ON ONE END.		PPV T353-1356-2013 EX	FT		15	$ 337.14	21 days		TTS T353-1356-2013 EX	359.26	5388.9	28		TTS T353-1356-2013 EX	387.00	5,805.00	7 to 3 weeks										
PPVC200	PIPE, PVC,SCH 40, 2", (0.5") LENGTHS, BEL-ON ONE END.			FT		1540	$ 1.26	1,939.20	14 days							0.64	985.60	7 Weeks										
FSW2080	NIPPLE, PIPE - GALVANIZED, 3/4" X 6", MIPT BOTH ENDS,			EA		6	$ 6.24	14 days																					
FSW2080	NIPPLE, PIPE - GALVANIZED, 3/4" X 2", MIPT BOTH ENDS,			EA		30	$ 4.92	14 days																					
FSW2080	NIPPLE, PIPE - GALVANIZED, 3/4" X 3", MIPT BOTH ENDS,			EA		30	$ 4.92	14 days																					
PPVC300	PIPE, PVC, SCH 80, 3", (0.5") LENGTHS, BEL-ON ONE END.			FT		45	$ 307.80	14 days																					
FSW2080	NIPPLE, PIPE - GALVANIZED, 3/4" X 4", MIPT BOTH ENDS,			EA		30	$ 4.92	14 days																					
FTGAU180	BUSHING, BRASS - 1-1/2"SPT X 1"SPT THREAD, BUSHING TO BE USED TO REDUCE DOWN SIZE OF THREAD.	FORD METER BOX COMPANY OBD	FORD METER BOX COMPANY OBD	EA		18	$ 275.58	168 days		K-Y MCDONALD 4422 275	15.31	275.58	135		FORD METER BOX COMPANY OBD	15.31	275.58	24 - 28 weeks										
FSW2070	NIPPLE, PIPE - GALVANIZED, 3/4" X 8", MIPT BOTH ENDS,			EA		2	$ 9.60	14 days																					
FSW2440	NIPPLE, PIPE - GALVANIZED, 3/4" X 1-1/2", MIPT BOTH ENDS,			EA		1	$ 2.85	14 days																					
FSW2480	NIPPLE, PIPE - GALVANIZED,1-1/4" X 1/2SE MIPT BOTH ENDS,			EA		11	$ 2.64	24.64																					
FSW2460	NIPPLE, PIPE - GALVANIZED, 1" X 4", MIPT BOTH ENDS,			EA		2	$ 3.70	14 days																					
FSW2480	NIPPLE, PIPE - GALVANIZED, 1-1/4" X 2" MIPT BOTH ENDS,			EA		11	$ 4.68	14 days																					
FSW2500	NIPPLE, PIPE - GALVANIZED, 1-1/4" X 3", MIPT BOTH ENDS,			EA		12	$ 7.02	14 days																					
FSW2520	NIPPLE, PIPE - GALVANIZED, 1-1/4" X 4" MIPT BOTH ENDS,			EA		6	$ 9.36	14 days																					
FSW2540	NIPPLE, PIPE - GALVANIZED, 1-1/4" X 5" MIPT BOTH ENDS,			EA		6	$ 11.70	14 days																					
FSW2560	NIPPLE, PIPE - GALVANIZED, 1-1/4" X 6" MIPT BOTH ENDS,			EA		6	$ 14.04	14 days																					
PFDM-240	NIPPLE, 1" DIA X 4" LONG, SCH 40 GALVANIZED, THREADED			EA		60	$ 180.00	14 days																					
PFDM-260	NIPPLE, 1" DIA X 6" LONG, SCH 40 GALVANIZED, THREADED			EA		30	$ 135.00	14 days																					
PFDM-280	NIPPLE, 1" DIA X 8" LONG, SCH 40 GALVANIZED, THREADED			EA		2	$ 14.40	14 days																					
PFDM-218	NIPPLE, 1" DIA X 2" LONG, SCH 40 GALVANIZED, THREADED			EA		30	$ 90.90	14 days																					
PFDM-414	NIPPLE, 2" DIA X 4" LONG SCH 40 GALVANIZED, THREADED			EA		30	$ 4.68	14 days																					
PFDM-460	NIPPLE, 2" DIA X 6" LONG SCH 40 GALVANIZED, THREADED			EA		30	$ 7.38	14 days																					
PFDM-410	NIPPLE, 1-1/4" DIA X 4" LG SCH 40 GALVANIZED, THREADED			EA		2	$ 4.68	9.36																					
PFDM-210	NIPPLE, 3/4" DIA X 2" LONG, SCH 40 GALVANIZED, THREADED			EA		50	$ 2.34	14 days																					
PFDM-412	NIPPLE, 2" DIA X 4" LONG SCH 40 GALVANIZED, THREADED			EA		30	$ 4.68	14 days																					
PFDM-610	NIPPLE, 2" DIA X 10" LG SCH 40 GALVANIZED, THREADED			EA		10	$ 10.20	102.00																					
PFDM-281	NIPPLE, 1 1/2" DIA X 1 1/2" LG SCH 40 GALVANIZED, THREADED			EA		3	$ 9.30	27.9																					
PFDM-010	NIPPLE, 1/8" DIA X 2" LG, SCH 80 GALVANIZED, THREADED			EA		2	$ 8.50	17																					
PFDM-435	NIPPLE, 2" DIA X 3.5" LG SCH 40 GALVANIZED, THREADED			EA		3	$ 20.06	60.18																					
PFDM-318	NIPPLE, 1 1/4" DIA X 6" LG SCH 40 GALVANIZED, THREADED			EA		8	$ 9.3	74.4																					
PFDM-067	NIPPLE, 1 1/2" DIA X 5 1/2" LG SCH 40 GALVANIZED, THREADED			EA		5	$ 10.85	54.25																					
PFDM-417	NIPPLE, 2" DIA X 5 1/2" LG SCH 40 GALVANIZED, THREADED			EA		10	$ 15.75	157.5																					
PFDM-068	NIPPLE, 1 1/2" DIA X 6" LG SCH 40 GALVANIZED, THREADED			EA		30	$ 9.30	279																					
PFDM-365	NIPPLE, 1 1/2" DIA X 3 1/2" LG SCH 40 GALVANIZED, THREADED			EA		2	$ 9.60	19.2																					
PFDM-363	NIPPLE, 1 1/2" DIA X 3 1/2" LG SCH 40 GALVANIZED, THREADED			EA		7	$ 9.30	65.1																					
PFDM-064	NIPPLE, 1 1/2" DIA X 4" LG SCH 40 GALVANIZED, THREADED			EA		2	$ 9.30	18.6																					
FSW2460	NIPPLE, 1" DIA X 4" LG SCH 40 GALVANIZED, THREADED			EA		30	$ 9.30	279																					

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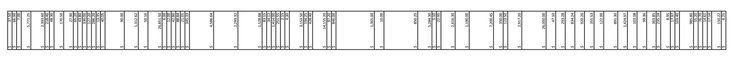

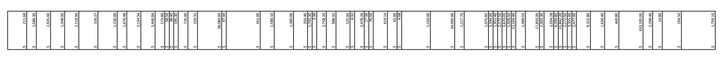

Award #13 12/14/2023 Supporting Documents

Ferguson — Number of Items: 873 — 2 Total Award Amount: $ 6,841,426.99 — Difference: $5 — -$116,914.25 % — -1.68% — $ 6,962,341.24

JDA Item ID	Item Description	Quoted Mfg. & Part Number	UOM	Estimated One(1) Yeat Usage	Quoted Unit Price	One (1) Year Proposed Bid Price	Lead Time to Calendar Days After Receipt of Order	Contractual Minimum Order Quantities	Minimum Bid	Winner	Total Cost	Last Price Paid	Price Difference	% Difference	Last price paid total bid
JT589580	COUPLING, BOSTED - 2" FOR GALVANIZED PIPE (3.500 OD), STEEL CONSTRUCTION, BOLT SIZE = 5/8" DIAMETER X 6" LENGTH, COUPLING LENGTH 7", 1100 PSI MINIMUM WORKING	GRISCOR INDUSTRIES, INC. GDSB-91671-013	EA	12	84.60	$ 1,016.40	10 days		$ 84.70	Ferguson	$ 1,016.40	$ 375.00	-$290.30	-77.41%	$ 4,500.00
JT562050	BUSHING, PIPE - GALVANIZED, 3/4" NAPT X 1/2" FNPT		EA	10	7.17	$ 71.70	5 days		$ 2.05	Ferguson	$ 71.75	$ 6.05	$ 64.00	-956.12%	$ 211.75
VLV55002	NO LEAD VALVE, CURB STOP, 3/4" PVC COMPRESSION TO FIP, BALL VALVE, FULL PORT, WITH PAD LOCK WINGS.		EA	5	58.10	$ 58.10	10 days		$ 58.10	Ferguson	$ 58.10	$ 167.75	$109.65	65.37%	$ 167.75
JH597020	KIT, EXTENSION 12" FIRE HYDRANT WATEROUS W867	WATEROUS W867	EA	1	869.76	$ 869.76	10 days		$ 869.76	Ferguson	$ 869.76	$ 944.00	$74.24	7.86%	$ 944.00
SJHN9159	5', WIDE RANGE, SERVICE SADDLE, 16" x 2" OS (18.42 - 19.20)	FAS-7355-1655-2015-EX	EA	1	411.75	$ 411.75	11 days		$ 411.75	Ferguson	$ 411.75	$ 1,050.00	$638.25	60.79%	$ 1,050.00
SJHN9157	5', WIDE RANGE SERVICE SADDLE, 12" x 2" OS (12.60 - 13.42)	FAS_PFA 7355-1642-201EX	EA	3	1,511.43	$ 1,511.43	11 days		$ 1,511.43	Ferguson	$ 1,511.43	$ 850.00	-$661.43	-68.34%	$ 2,550.00
SJHN9156	5', WIDE RANGE SERVICE SADDLE, 12" x 2" OS (12.82 - 13.59)	FAS-7355-1655-2015-EX	EA	15	1,511.43	$ 1,507.20	11 days		$ 1,507.20	Ferguson	$ 1,507.20	$ 800.00	-$642.86	-57.86%	$ 12,000.00
JT564240	BUSHING, BRASS - 1-1/2"FIP X 1"FIP THREAD, BUSHING TO BE USED TO REDUCE DOWN SIZE OF THREAD.	FORD MOTOR BOX COMPANY CBB	EA	58	4.86	$ 279.58	108 days		$ 15.35	Ferguson	$ 279.58	$ 34.45	-$19.14	-55.56%	$ 435.10
JH581400	PLANGE, 3" DIA., SUP, HANSTORE, SCH 80 PVC	FORD F1S-SA3437-G	EA	10	5.86	$ 58.60	5 days		$ 5.86	Ferguson	$ 58.60	$ 12.58	-$6.58	-51.11%	$ 125.80
SJHN9155	5', WIDE RANGE SERVICE SADDLE, 10" x 2" OS (10.38 - 11.18)	FAS-7355-1258-2015-EX	EA	5	318.61	$ 318.61	11 days		$ 318.61	Ferguson	$ 318.61	$ 650.00	$331.17	69.95%	$ 650.00
JT562450	NIPPLE, PIPE - GALVANIZED, 1 1/4" X 6" NIPT WITH ENDS.		EA	5	3.87	$ 3.87	5 days		$ 3.87	Ferguson	$ 3.87	$ 7.80	$3.93	50.38%	$ 7.80
WFEB6258	WASHER, METER, 5/8" (DOMESTIC) FOR USE WITH FORD METER GASKET

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FTGDN30	NYE, PVC - SDR26, 6" X 6' X 6", BELL X BELL X BELL, ALL WELD CLAD (GLAMETEX)			EA	21			$ 1,365.00	1 Box				$ 65.00	Ferguson	$ 1,365.00		$ 65.00	50.00	0.00%	$ 1,365.00
FTGDN30	NYE, PVC - SDR26, 8" X 8' X 8", BELL X BELL X BELL, ALL WELD CLAD (GLAMETEX)			EA	21			$ 1,785.00	1 Box				$ 85.00	Ferguson	$ 1,785.00		$ 85.00	50.00	0.00%	$ 1,785.00
FTGDN303	RESTRAINER KIT, 3", TO INCLUDE GLAND, W.I. RUBBER GASKET, W.I. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **		GSMA-5120093	EA	175	36.0		$ 6,018.75	36 Pieces				$ 34.45	Ferguson	$ 6,018.75		$ 34.45	50.00	0.00%	$ 6,018.75
FTGDN304	RESTRAINER KIT, 4", TO INCLUDE GLAND, W.I. RUBBER GASKET, W.I. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **		GSMA-5120094	EA	130			$ 4,875.00	30 Pieces				$ 37.50	Ferguson	$ 4,875.00		$ 37.50	50.00	0.00%	$ 4,875.00
FTGDN306	RESTRAINER KIT, 6", TO INCLUDE GLAND, W.I. RUBBER GASKET, W.I. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **		GSMA-5120096	EA	78	46.0		$ 3,633.30	42 Pieces				$ 46.55	Ferguson	$ 3,633.30		$ 46.55	50.00	0.00%	$ 3,633.30
FTGDN308	RESTRAINER KIT, 8", TO INCLUDE GLAND, W.I. RUBBER GASKET, W.I. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **		GSMA-5120098	EA	45	40.0		$ 2,841.75	40 Pieces				$ 63.15	Ferguson	$ 2,841.75		$ 63.15	50.00	0.00%	$ 2,841.75
FTGDN310	RESTRAINER KIT, 10", TO INCLUDE GLAND, W.I. RUBBER GASKET, W.I. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **		GSMA-5120910	EA	33	22.0		$ 2,963.40	22 Pieces				$ 89.80	Ferguson	$ 2,963.40		$ 89.80	50.00	0.00%	$ 2,963.40
FTGDN312	RESTRAINER KIT, 12", TO INCLUDE GLAND, W.I. RUBBER GASKET, W.I. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **		GSMA-5120912	EA	38	27.0		$ 4,103.80	27 Pieces				$ 105.70	Ferguson	$ 4,103.80		$ 105.70	50.00	0.00%	$ 4,103.80
FTGDN314	RESTRAINER KIT, 14", TO INCLUDE GLAND, W.I. RUBBER GASKET, W.I. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **		GSMA-5120914	EA	1	1.0		$ 160.55	1 Box				$ 160.55	Ferguson	$ 160.55		$ 160.55	50.00	0.00%	$ 160.55
FTGDN316	RESTRAINER KIT, 16", TO INCLUDE GLAND, W.I. RUBBER GASKET, W.I. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **		GSMA-5120916	EA	24	21.0		$ 5,198.40	21 Pieces				$ 216.60	Ferguson	$ 5,198.40		$ 216.60	50.00	0.00%	$ 5,198.40
FTGDN318	RESTRAINER, NO. FITTING - 18", ONE PIECE GLAND WITH ACCESS HOLE FOR FOLLOWER GLAND, USED WITH DUCTILE PIPE. ** MUST BE BOXED IN KIT FORM. **		GSMA-5120918	EA	12	12.0		$ 3,515.40	12 Pieces				$ 292.95	Ferguson	$ 3,515.40		$ 292.95	50.00	0.00%	$ 3,515.40
FTGDN320	RESTRAINER KIT, 20", TO INCLUDE GLAND, W.I. RUBBER GASKET, W.I. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **		GSMA-5120920	EA	8	8.0		$ 1,859.60	8 Pieces				$ 357.45	Ferguson	$ 1,859.60		$ 357.45	50.00	0.00%	$ 1,859.60
FTGDN324	RESTRAINER KIT, 24", TO INCLUDE GLAND, W.I. RUBBER GASKET, W.I. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **		GSMA-5120924	EA	1	1.0		$ 1,421.75	1 Box				$ 484.35	Ferguson	$ 1,421.75		$ 484.35	50.00	0.00%	$ 1,421.75
FTGDN30	SINGLE-LOK RESTRAINER KIT, 3300 CA, FOR 3" DR 18 & DR 21 PVC, WITH INCLUDE MEGALUG GLAND, NO GASKET ONLY, NO BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **		GSMA-5123743	EA	500	43.0		$ 21,550.00	43 Pieces				$ 43.10	Ferguson	$ 21,550.00		$ 43.10	50.00	0.00%	$ 21,550.00
FTGDN310	SINGLE-LOK RESTRAINER KIT, 3300 CA, FOR 6" DR 18 & DR 21 PVC, WITH INCLUDE MEGALUG GLAND, NO GASKET ONLY, NO BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **		GSMA-5123746	EA	170	53.0		$ 41,541.50	41 Pieces				$ 53.95	Ferguson	$ 41,541.50		$ 53.95	50.00	0.00%	$ 41,541.50
FTGDN312	SINGLE-LOK RESTRAINER KIT, 3300 CA, FOR 8" DR 18 & DR 21 PVC, WITH INCLUDE MEGALUG GLAND, NO GASKET ONLY, NO BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **		GSMA-5123748	EA	370	97.0		$ 26,936.00	97 Pieces				$ 72.80	Ferguson	$ 26,936.00		$ 72.80	50.00	0.00%	$ 26,936.00
FTGDN32	SINGLE-LOK RESTRAINER KIT, 3300 CA, FOR 10" DR 18 & DR 21 PVC, WITH INCLUDE MEGALUG GLAND, NO GASKET ONLY, NO BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **		GSMA-5123710	EA	71	53.0		$ 9,002.80	53 Pieces				$ 126.80	Ferguson	$ 9,002.80		$ 126.80	50.00	0.00%	$ 9,002.80
FTGDN324	SINGLE-LOK RESTRAINER KIT, 3300 CA, FOR 14" DR 18 & DR 21 PVC, WITH INCLUDE MEGALUG GLAND, NO GASKET ONLY, NO BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **		GSMA-5123712	EA	135	13.0		$ 17,968.50	13 Pieces				$ 133.10	Ferguson	$ 17,968.50		$ 133.10	50.00	0.00%	$ 17,968.50
FTGDN330	SINGLE-LOK RESTRAINER KIT, 3300 CA, FOR 16" DR 18 & DR 21 PVC, WITH INCLUDE MEGALUG GLAND, NO GASKET ONLY, NO BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **		GSMA-5123716	EA	45	27.0		$ 12,341.25	27 Pieces				$ 274.25	Ferguson	$ 12,341.25		$ 274.25	50.00	0.00%	$ 12,341.25
FTGDN400	RESTRAINER, SPLIT GLAND, 4" - RESTRAINER FOR C-900 PVC PIPE. USED TO RESTRAIN NO FITTINGS TO PVC PIPE. 360		GSMA-PWMC4	EA	76	76.0		$ 2,023.60	76 Pieces				$ 26.60	Ferguson	$ 2,023.60		$ 26.60	50.00	0.00%	$ 2,023.60
FTGDN600	RESTRAINER, SPLIT GLAND, 6" - RESTRAINER FOR C-900 PVC PIPE. USED TO RESTRAIN NO FITTINGS TO PVC PIPE. 360		GSMA-PWMC6	EA	130	130.0		$ 4,251.00	130 Pieces				$ 32.70	Ferguson	$ 4,251.00		$ 32.70	50.00	0.00%	$ 4,251.00
FTGDN800	RESTRAINER, SPLIT GLAND, 8" - RESTRAINER FOR C-900 PVC PIPE. USED TO RESTRAIN NO FITTINGS TO PVC PIPE. 360		GSMA-PWMC8	EA	90	90.0		$ 5,068.50	90 Pieces				$ 54.50	Ferguson	$ 5,068.50		$ 54.50	50.00	0.00%	$ 5,068.50
FTGDN980	RESTRAINER, FLANGE 8" TO 90 USED FOR RESTRAINING BELL		GSMA-PWF-C8	EA	55	48.0		$ 972.40	48 Pieces				$ 88.40	Ferguson	$ 972.40		$ 88.40	50.00	0.00%	$ 972.40
FTGDN180	RESTRAINER, FLANGE 12" TO 90 USED FOR RESTRAINING BELL		GSMA-PWF-C12	EA	50	108.0		$ 5,548.95	1 Box				$ 108.15	Ferguson	$ 5,548.95		$ 108.15	50.00	0.00%	$ 5,548.95
FTGDN1200	RESTRAINER, FLANGE 12" TO 90 USED FOR RESTRAINING BELL		GSMA-PWF-C20	EA	5	5.0		$ 691.90	5 Pieces				$ 691.90	Ferguson	$ 691.90		$ 691.90	50.00	0.00%	$ 691.90
FTGDN124	RESTRAINER, SPLIT X SPLIT, SERRATED, 24" PVC BELL-JOINT RESTRAINT, TO BE USED FOR RESTRAINING BELL-ENDS OF		GSMA-PWF-C24	EA	6	108.0		$ 4,019.20	54 Pieces				$ 1,004.80	Ferguson	$ 4,019.20		$ 1,004.80	50.00	0.00%	$ 4,019.20
FTGDN104	SERIES 1300 PIPE RESTRAINER FOR DUCTILE IRON PIPE, 4", TO CONSI COMPLETE WITH THE FOLLOWING ITEMS, TWO CLAMPING RING, FOUR BOLTS & NUTS, THREADED RODS &			EA	45	9.0		$ 1,730.25	9 Pieces				$ 42.20	Ferguson	$ 1,730.25		$ 42.20	50.00	0.00%	$ 1,730.25
FTGDN706	PIPE RESTRAINER FOR DUCTILE IRON PIPE, 6", TO CONS COMPLETE WITH THE FOLLOWING ITEMS, TWO CLAMPING RING, FOUR BOLTS & NUTS, THREADED RODS & NUTS			EA	138	54.0		$ 7,293.30	1 Box				$ 52.85	Ferguson	$ 7,293.30		$ 52.85	50.00	0.00%	$ 7,293.30
FTGDN708	PIPE RESTRAINER FOR DUCTILE IRON PIPE, 8", TO CONS COMPLETE WITH THE FOLLOWING ITEMS, TWO CLAMPING RINGS, FOUR BOLTS & NUTS, THREADED RODS & NUTS		GSMA-PWF-C8	EA	36	36.0		$ 3,005.60	1 Box				$ 83.40	Ferguson	$ 3,005.60		$ 83.40	50.00	0.00%	$ 3,005.60
FTGDN36	3300 CA MEGA LUG RESTRAINER KIT, TO FIT 36" DWV PVC PIPE, KIT TO INCLUDE - MEGA LUG GLAND, W.I. RUBBER GASKET, W.I. BOLTS & NUTS. MUST HAVE ONE KIT PER BOX			EA	1	1.0		$ 1,524.10	1 Box				$ 1,524.10	Ferguson	$ 1,524.10		$ 1,524.10	50.00	0.00%	$ 1,524.10
FTGMDD	4" NO CONNECTOR "DEETER ADAPTER" W/ NO ACCESORY KIT		GSMA-DADWN	EA	8	8.0		$ 638.80	1 Box				$ 79.85	Ferguson	$ 638.80		$ 79.85	50.00	0.00%	$ 638.80
HFHK809	HOSE, FITTING, 5297 HYD STRAIGHT, F/C, 1A4AFX-6, CS1,			EA	1	0.5		$ 60.00	1 Box				$ 60.00	Ferguson	$ 60.00		$ 60.00	50.00	0.00%	$ 60.00
HFHK805	8686, HOSE, GARDEN, 3/4" MPT X 3/4" MPT BRASS, WHLE PRO		5WCF-07544	EA	24	2.0		$ 276.00	2 Pieces				$ 11.50	Ferguson	$ 276.00		$ 11.50	50.00	0.00%	$ 276.00
HSFBB110	COUPLING, HOSE 3" - QUICK DISCONNECT, MALE ADAPTER X HOSE SHANK, ALUMINUM CONSTRUCTION, EVEN-TITE PART		EVEN-TITE E	EA	1	1.0		$ 16.50	1 Box				$ 16.50	Ferguson	$ 16.50		$ 16.50	50.00	0.00%	$ 16.50
HSFBB120	COUPLING, HOSE 4" - QUICK DISCONNECT, FEMALE COUPLING X FEMALE THREAD, ALUMINUM CONSTRUCTION, EVEN-TITE		EVEN-TITE D	EA	1	1.0		$ 50.00	1 Box				$ 50.00	Ferguson	$ 50.00		$ 50.00	50.00	0.00%	$ 50.00
HSFBB140	COUPLING, HOSE 6" - QUICK DISCONNECT, MALE ADAPTER (FOR QUICK DISCONNECTION ONE END, MALE THREAD ON OTHER END, ALUMINUM CONSTRUCTION, EVEN-TITE OR DOLPHIN PART		EVEN-TITE F	EA	1	1.0		$ 65.00	1 Box				$ 65.00	Ferguson	$ 65.00		$ 65.00	50.00	0.00%	$ 65.00
HSFBB170	COUPLING, HOSE 6" - QUICK DISCONNECT, FEMALE QUICK DISCONNECT COUPLER ON ONE END, HOSE SHANK ON OTHER END, ALUMINUM CONSTRUCTION		EVEN-TITE C	EA	41	41.0		$ 4,961.00	41 Pieces				$ 121.00	Ferguson	$ 4,961.00		$ 121.00	50.00	0.00%	$ 4,961.00
HSFBB175	COUPLING, HOSE 8" - QUICK DISCONNECT, FEMALE COUPLING X FEMALE THREAD, ALUMINUM CONSTRUCTION, EVEN-TITE OR D		EVEN-TITE D	EA	1	1.0		$ 175.00	1 Box				$ 175.00	Ferguson	$ 175.00		$ 175.00	50.00	0.00%	$ 175.00
HYDO0250	SPRUCE, 3 IRE HYDRANT, ANDERSON FLOW CONTROL HYDRANT GREASE (FOOD GRADE), 1.16 CAULK TUBE TIMEOX 60		Clarion 4350099909-NLG-NO.2	EA	100	1.0		$ 1,140.00	10 Pieces				$ 9.50	Ferguson	$ 1,140.00		$ 9.50	50.00	0.00%	$ 1,140.00
HYDRF100	HYDRANT RUBCO RIVERSIDE VARIBOL BLUE TWO-WAY REFLECTOR W/GROOVED PAD ATTACHED, 4.00"L X 4.00"W X 0.60"H, 4		MUNSTE A43BP	EA	1895	1.0		$ 7,011.00	95 Pieces				$ 3.80	Ferguson	$ 7,011.00		$ 3.80	50.00	0.00%	$ 7,011.00
MHCA1200	COUPLING, MANHOLE 8" - PVC COUPLING FOR SEWER PIPE, PIPE LENGTH MIN. 8 INCHES, COUPLING TO HAVE PERMANENT EXTERIOR PVC COUPLING EXTERIOR AGGRESSIVELY TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES.			EA	14	14.0		$ 541.10	14 Pieces				$ 38.65	Ferguson	$ 541.10		$ 38.65	50.00	0.00%	$ 541.10
MHCA1210	COUPLING, MANHOLE 8" PVC COUPLING FOR SEWER PIPE, PIPE LENGTH MIN. 8" COUPLING TO HAVE PERMANENT EXTERIOR PVC COUPLING EXTERIOR AGGRESSIVELY TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES.			EA	58	58.0		$ 2,502.70	58 Pieces				$ 43.15	Ferguson	$ 2,502.70		$ 43.15	50.00	0.00%	$ 2,502.70
MHCA1220	COUPLING, MANHOLE 10" - PVC COUPLING FOR SEWER PIPE, PIPE LENGTH MIN. 8" COUPLING TO HAVE EXTERIOR EPOXY PVC COUPLING EXTERIOR AGGRESSIVELY TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES.			EA	1	1.0		$ 157.00	1 Box				$ 78.50	Ferguson	$ 157.00		$ 78.50	50.00	0.00%	$ 157.00
MHCA1230	COUPLING, MANHOLE 12" - PVC COUPLING FOR SEWER PIPE, PIPE LENGTH MIN. 8" COUPLING TO HAVE EXTERIOR EPOXY PVC COUPLING EXTERIOR AGGRESSIVELY TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES.			EA	3	3.0		$ 345.30	3 Pieces				$ 115.10	Ferguson	$ 345.30		$ 115.10	50.00	0.00%	$ 345.30
MTE12140	TOP, METER BOX POLYMER CONCRETE TOP, FOR 12X30 LID 17 METER BOX, 4-8 LOAD RATING, SOLID TOP WITH 2"HEX 7" TAPP, PRE-DRILLED HOLE AND DEA 10003. 18 LB/F LENGTH X 11 3/4" WIDTH X 2 3/4" THICK, NO READ LID		CLAYSANTOPRL MTE11802-101-074	EA	10156	10.0		$ 103,310.00	10 Pieces				$ 10.21	Ferguson	$ 103,310.00		$ 10.21	50.00	0.00%	$ 103,310.00
MTEH4100	PLUG, PTFE, SOCKET, 1/4", WITH SEAL ADAPTER WITHOUT BRIDGE		BRIDGES 1 - B432100	EA	96	96.0		$ 840.00	12 Boxes				$ 70.00	Ferguson	$ 840.00		$ 70.00	50.00	0.00%	$ 840.00
MTEM4110	PLUG, PTFE, SOCKET, 1", WITH SEAL ADAPTER WITHOUT BRIDGE		BRIDGES 1 - B432100	EA	12	12.0		$ 900.00	1 Box				$ 75.00	Ferguson	$ 900.00		$ 75.00	50.00	0.00%	$ 900.00
NTEE1200	ELBOW, 90 DEGREE, 1" DIA, 316 STAINLESS STEEL, SCH 40,			EA	2	2.0		$ 53.70	2 Pieces				$ 26.85	Ferguson	$ 53.70		$ 26.85	50.00	0.00%	$ 53.70
NTEF4700	FLANGE, 6", DIN, 150# FORGED STEEL, BLIND			EA	2	2.0		$ 81.80	2 Pieces				$ 40.90	Ferguson	$ 81.80		$ 40.90	50.00	0.00%	$ 81.80
PFSNK200	BUSHING, 2" X 1/2" DIN 316 STAINLESS STEEL, SCH 40,			EA	4	4.0		$ 13.80	1 Box				$ 3.45	Ferguson	$ 13.80		$ 3.45	50.00	0.00%	$ 13.80
PFSNK400	BUSHING, 4" X 2" DIN 316 STAINLESS STEEL, SCH 40,			EA	1	1.0		$ 25.90	1 Box				$ 25.90	Ferguson	$ 25.90		$ 25.90	50.00	0.00%	$ 25.90
PFSNK600	BUSHING, 6" X 4" DIN 316 STAINLESS STEEL, SCH 40,			EA	1	1.0		$ 47.80	1 Box				$ 47.80	Ferguson	$ 47.80		$ 47.80	50.00	0.00%	$ 47.80
PFSNK800	BUSHING, 8" X 6" DIN 316 STAINLESS STEEL, SCH 40,			EA	1	1.0		$ 95.70	1 Box				$ 95.70	Ferguson	$ 95.70		$ 95.70	50.00	0.00%	$ 95.70
PFSNK900	REDUCER, 1" DIN 316 STAINLESS STEEL, SCH 40,			EA	1	1.0		$ 43.80	1 Box				$ 43.80	Ferguson	$ 43.80		$ 43.80	50.00	0.00%	$ 43.80
PFSNK998	REDUCER, 1" DIN X 3/4" DIN 316 STAINLESS STEEL, SCH 40,			EA	1	1.0		$ 13.80	1 Box				$ 13.80	Ferguson	$ 13.80		$ 13.80	50.00	0.00%	$ 13.80
PFSNK997	REDUCER, 1 1/2" DIN X 1" DIN 316 STAINLESS STEEL, SCH 40,			EA	1	1.0		$ 17.50	1 Box				$ 17.50	Ferguson	$ 17.50		$ 17.50	50.00	0.00%	$ 17.50
PFSNL250	TEE, 1/4" DIN 316 FORGED STEEL, SOCKET WELD			EA	2	2.0		$ 17.30	2 Pieces				$ 8.65	Ferguson	$ 17.30		$ 8.65	50.00	0.00%	$ 17.30
PFSNL350	TEE, 1" DIN 3M FORGED STEEL, SOCKET WELD			EA	1	1.0		$ 10.10	1 Box				$ 10.10	Ferguson	$ 10.10		$ 10.10	50.00	0.00%	$ 10.10
PFSNL450	UNION, 1/2" DIN 3M FORGED STEEL, SOCKET WELD			EA	2	2.0		$ 25.30	2 Boxes				$ 12.65	Ferguson	$ 25.30		$ 12.65	50.00	0.00%	$ 25.30
PFSNK102	BUSHING, 3/8" X 1/8" DIN 3CH 40 GALVANIZED, THREADED			EA	10	4.0		$ 40.00	1 Box				$ 4.00	Ferguson	$ 40.00		$ 4.00	50.00	0.00%	$ 40.00
PFSNK104	BUSHING, 1/2" X 1/8" DIN 316 STAINLESS STEEL, SCH 40,			EA	1	1.0		$ 1.90	1 Box				$ 1.90	Ferguson	$ 1.90		$ 1.90	50.00	0.00%	$ 1.90
PFSNK205	BUSHING, 3/4" X 1/2" 316 STAINLESS STEEL SCH 40, THREADED			EA	2	2.0		$ 5.50	2 Boxes				$ 2.75	Ferguson	$ 5.50		$ 2.75	50.00	0.00%	$ 5.50
PFSNS400	FLANGE, 2" DIN, 316 STAINLESS STEEL 150# SCH 40,			EA	4	4.0		$ 810.00	1 Box				$ 135.00	Ferguson	$ 810.00		$ 135.00	50.00	0.00%	$ 810.00
PFSNS401	FLANGE, 2" DIN, 316 STAINLESS STEEL 150# SCH 40, SLIP-ON, HARDENED, FOR THE LIMESTONE PNEUMATIC TRANSPORT SYSTEM, IL, IL AND		GSMA-NUMBAY-150# 12" X 20' ASTM 900	EA	4	960.0		$ 39,000.00	40 Pieces				$ 9,750.00	Ferguson	$ 39,000.00		$ 9,750.00	50.00	0.00%	$ 39,000.00
HMHH001	PUMP, UTILITY HAND, WITH 72" HOSE		Gorie Triplex PT2000	EA	127	127.0		$ 4,850.60	127 Pieces				$ 38.20	Ferguson	$ 4,850.60		$ 38.20	50.00	0.00%	$ 4,850.60
PUMGVB04	PUMP, SUMP, REPAIR PARTS, DOUBLE FLOAT PUMP CONTROL ASSEMBLY		S. J. ELECTRO SYSTEMS, INC. 150CF3-120V-W-F	EA	10	10.0		$ 5,005.00	10 Pieces				$ 385.00	Ferguson	$ 5,005.00		$ 385.00	50.00	0.00%	$ 5,005.00
PUMSE600	PUMP, SUMP, 1/2 HP, 115 VAC, SUBMERSIBLE WITH VERTICAL FLOAT SWITCH & 20' JACKETED CORD		MYERS PUMP 05SA75	EA	12	12.0		$ 9,000.00	12 Pieces				$ 750.00	Ferguson	$ 9,000.00		$ 750.00	50.00	0.00%	$ 9,000.00
SSA4300	SHOCK ABSORBER, 4300 SERIES, 4" STROKE LONG UNIT 13,000 LBS MAX TESTED TO 2,500,000 CYCLES, MANUFACTURED TO		PEERLESS MFG. 5050672	FT	105	21.75		$ 2,186.75	21 Pieces				$ 21.75	Ferguson	$ 2,186.75		$ 21.75	50.00	0.00%	$ 2,186.75
SSA3250	HOOK, SWIVEL - 3" EYE, 41 SIZE, 8-1/4" LENGTH, SPRAL NUT-1-1/2" SHAFT DIA. - 3/16" SPRAL LENGTH - 1-1/4" SHANK WAS TWO SPRAL STEEL SHAFTS (ONE INSIDE THE OTHER) WOUND IN OPPOSITE DIRECTIONS, T-HANDLE, PERMANENTLY POINTED AND TEMPER HOO		S. OSBORNE 58332	EA	12	4.0		$ 576.00	48 Pieces				$ 48.00	Ferguson	$ 576.00		$ 48.00	50.00	0.00%	$ 576.00
TLDDP004	TELESCOPING ALUMINUM POLE, 8FT TO 20FT		CENTER EQUIPMENT CO. 12816	EA	4	4.0		$ 1,640.00	4 Pieces				$ 410.00	Ferguson	$ 1,640.00		$ 410.00	50.00	0.00%	$ 1,640.00
TLDDP040	SET, 5HT DRIVER, 3 PIECE - SET MUST INCLUDE AT LEAST ONE OF EACH OF THE FOLLOWING: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-3/8", 1-1/2", SET INCLUDES 1 HAN		PROTO PROFESSIONAL TOOLS 5200C	EA	15	15.0		$ 2,025.00	15 Pieces				$ 135.00	Ferguson	$ 2,025.00		$ 135.00	50.00	0.00%	$ 2,025.00
VALBK135	VALVE, BALL, 3PVC, 2" SCHEDULE/SP END		CHEMTROL 25179-2-E	EA	2	2.0		$ 495.00	10 Pieces				$ 245.00	Ferguson	$ 495.00		$ 245.00	50.00	0.00%	$ 495.00
VALDB03	VALVE, GLOBE, 3/4", SOCKET/HUB, SA105 F-22 STEEL, 3,500 PSI @ 1000 DEG F, 5,485 PSI @ 1,000 DEG F, 1-PATTERN,		CONVAL 0-75-1402I-F22	EA	1	1.0		$ 1,750.00	1 Box				$ 1,750.00	Ferguson	$ 1,750.00		$ 1,750.00	50.00	0.00%	$ 1,750.00
VALPL054	VALVE, PLUG AND ACTUATOR ASSEMBLY, 1-1/2", W/MOD MOD. TUFLINE BETWEEN/SEALTITE, SS PLUG, W/ESDH-100 ACTUATOR, WITHOUT POSITIONERS (NO) - SLURRY FLUSH		VONOVA CORP. OBD	EA	3	3.0		$ 13,500.00	3 Pieces				$ 4,500.00	Ferguson	$ 13,500.00		$ 4,500.00	50.00	0.00%	$ 13,500.00
VALPL100	VALVE, PLUG 1" LINED, FLANGED ENDS PTFE FOR RTA ACID USE, DURCO TUFF YIG. 7.41, GEAR OPEN/150, MATCO 210 PO			EA	1	1.0		$ 4,250.00	1 Box				$ 4,250.00	Ferguson	$ 4,250.00		$ 4,250.00	50.00	0.00%	$ 4,250.00
VALPM051	VALVE ASSY, 4-PK OPEN/150, 316 SS 2", TUBE UNION TYPE, VITON "O" RING, NO DBL ACTING PNU ACTUATOR, 90 PSI MAX LINE PSI, 2 INCH ACTUATOR, 3 WAY PLUG, 1 INCH ACTUATOR, 3 WAY PLUG AND 150 PSI GAS, 1 INCH - #1 & #2 GAS SLURRY SHUT OFF/ REPAIRABLE ITEM		M.F. TECHNOLOGIES SES P150/150SYH ERPM or BEI	EA	1	1.0		$ 10,500.00	1 Box				$ 10,500.00	Ferguson	$ 10,500.00		$ 10,500.00	50.00	0.00%	$ 10,500.00
VALSA075	VALVE, SAFETY, 3/4" FNPT INLET X 1" FNPT OUTLET, STEEL, SET PRESS 3050 PSI, W/LEVER, S/N 7476989, WITH 3/4" ID X 1" OD X 1/8" THICK GASKET, 3/4" NPT X 1" NPT ADAPTER INSTALLED BY VENDOR/1.49 KG/7 BAR ON 46 UNITS (R & RE),		CONSOLIDATED SAFETY VALVE 1810SHCF-2-E1C4R1	EA	1	1.0		$ 8,350.00	1 Box				$ 8,350.00	Ferguson	$ 8,350.00		$ 8,350.00	50.00	0.00%	$ 8,350.00
VLPF007	TUBE ASSEMBLY, PINCH VALVE, 3", 89" VALVE MOD 3E3-13-SC, S/N 12003, SEA FOOD SLURRY PMP STOCK, NEUTRAL		3E VALVE MOD 3SE3C	EA	2	2.0		$ 11,000.00	2 Pieces				$ 5,500.00	Ferguson	$ 11,000.00		$ 5,500.00	50.00	0.00%	$ 11,000.00
VLVA1201	VALVE, BALL, 1/2" - BRONZE, FIP X FIP, QUARTER TURN, LEVER TYPE HANDLE, FULL PORT OPENING, 150 SWP, 600 WOG, REINFORCED TFE SEAT, CHROME PLATED BALL, THREADED		NIBCO T585-80-LF	EA	1	1.0		$ 57.23	1 Box				$ 57.23	Ferguson	$ 57.23		$ 57.23	50.00	0.00%	$ 57.23
VLVA1300	VALVE, BALL - PVC, 1-1/2", TRUE UNION TYPE, VITON "O" RING, SAFE-T-CHEAR STEM, VALVE TO INCLUDE SUP & THREAD CONNECTOR ENDS, FULL PORT, BI-DIRECTIONAL VALVE		NIBCO 1407V	EA	82	82.0		$ 8,610.00	82 Pieces				$ 105.00	Ferguson	$ 8,610.00		$ 105.00	50.00	0.00%	$ 8,610.00
BFVA4250	PREVENTER BACKFLOW 2", REDUCED PRESSURE TYPE WITH WYE STRAINER, BALL VALVE TO BE REQUENT SEATING (N-RESPING) SPECIFICATIONS, SPECIFICATIONS		WILKINS 975-XL2	EA	77	77.0		$ 46,739.00	77 Pieces				$ 607.00	Ferguson	$ 46,739.00		$ 607.00	50.00	0.00%	$ 46,662.00
HYDA4150	HYDRANT, 4" IRE HYDRANT, AMERICAN DARLING MARK 73 HYDRANT, 4-1/2" X 6(MJ) X 6(MJ), 5-1/4" VALVE OPENING,		AMERICAN DARLING B05360	EA	36	36.0		$ 15,876.00	36 Pieces				$ 441.00	Ferguson	$ 15,876.00		$ 441.00	51.00	0.21%	$ 15,840.00
CPMH018	7" MH RISER, SERVICE SHIELD, 18" x 7" (d 17.28 - 18.32)		SYL 7353-0513-1053-EA	EA	5	45.0		$ 1,058.55	5 Pieces				$ 211.71	Ferguson	$ 1,058.55		$ 211.71	51.00	1.80%	$ 1,039.35
MTE12181	BOX, METER - POLYMER CONCRETE METER BOX, STRAIGHT WALL, 4-8K LOAD RATING, 17.380 LBS. MINIMUM FAILURE W/ N		CLAYSANTOPRL MBD11802-100	EA	8406	8406.0		$ 512,597.88	8406 Pieces				$ 60.98	Ferguson	$ 512,597.88		$ 60.98	50.23	0.28%	$ 510,664.50
PROV-405	TUBING, POLYETHYLENE 2", CTS O.D., PE4710, SDR9, PURPLE, 250-PSI RATING, 100 FT COIL ** 20 LOAD SHRINK WRAPPED		ADVANCE DRAINAGE SYSTEMS POLY-ECA	EA	500	500.0		$ 830.00	500 Pieces				$ 1.66	Ferguson	$ 830.00		$ 1.66	50.01	0.01%	$ 825.00
PRTU200	TUBING, POLYETHYLENE 2", CTS O.D., PE 4710, SDR9 BLUE, 250 PSI RATING, 100 FT COIL ** 10 COILS SHRINK WRAPPED PER		AD

WFD12470	TOP, WATER BOX, STEEL, PRIMED & PAINTED BLACK, NO BEADING LED, LIFTING EYE ON EA. END, W/(TWO) 2" TAPS, PRE-DRILLED HOLE, MADE W/ 5/16" FLOOR PLATE, FULLY WELDED & DIMENSIONED AS PER DRAWING, BROOKS MODEL #(TT-ST), (22.5° X 45.5°) OR EQUAL	CLEARWATER 7132709G3-S-BL	EA	240		$ 57,576.00																	
WFD12480	TOP, WATER BOX, STEEL, PRIMED & PAINTED BLACK, NO BEADING LED, LIFTING EYE ON EA. END, W/(TWO) 2" TAPS, PRE-DRILLED HOLE, MADE W/(5/16" FLOOR PLATE, FULLY WELDED & DIMENSIONED AS PER DRWG, BROOKS MODEL #(TT-ST), (22.5° X 45.5°) OR EQUAL	CLEARWATER 7113809G3-S-BL	EA	405		$ 95,815.35																	
FS03004	YPS 732 WIDE RANGE COUPLING, EPOXY COATED, TWO BOLT SYSTEM SUITABLE FOR DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC -OD 8.5+8.60	YPS 732-0084-0000-000	EA	60	133.65	$ 13,437.20																	
FS03072	YPS 732 WIDE RANGE COUPLING, EPOXY COATED, TWO BOLT SYSTEM SUITABLE FOR DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC-OD 12.65-13.65 LB.	YPS 732-1368-6000-000	EA	5	507.67	$ 2,536.35																	
FS03085	YPS 732 WIDE RANGE COUPLING, EPOXY COATED, TWO BOLT SYSTEM SUITABLE FOR DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC- OD 12.55-12.26	YPS 732-1236-0000-000	EA	14	461.19	$ 6,456.94																	
FS03090	YPS 732 WIDE RANGE COUPLING, EPOXY COATED, TWO BOLT SYSTEM SUITABLE FOR DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC- OD 14.61-15.34	YPS 732-1184-0000-000	EA	24	453.85	$ 10,564.40																	
PR71424	TUBING, POLYETHYLENE SDR 7.3 CL. (PE 4710), 3,000 BLUE, 200 PSI RATING, 100 FT COILS. *** (0.1552 GWINK WRAPPED	ADVANCE DRAINAGE SYSTEMS ORDER BY DESCRIPT	FT	25100		$ 7,530.00																	
PS04096	BUSHING, PIPE - NO LEAD BRASS (TAPPT x SLIP)FT	SHERT BRASS 3NL114 1"x1/2"	EA	2500	2.52	$ 7,080.00																	
FS03095	YPS 732 WIDE RANGE COUPLING, EPOXY COATED, TWO BOLT SYSTEM SUITABLE FOR DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC -OD 4.56-7.65	YPS 732-0765-0000-000	EA	90	291.20	$ 10,484.64																	
FS03050	COUPLING, BOLTED - 3/4", FOR GALVANIZED PIPE (1.050 OD), STEEL CONSTRUCTION, BOLT SIZE =7/16" DIAMETER X 6 - 5/8"LENGTH COUPLING LENGTH = 3 1/2", 1500 PSI MINIMUM WORKING PRESSURE, SMITH-BLAIR, INC. OR SHIELDS	SMITH-BLAIR INDUSTRIES 3038-0003-0113	EA	70	31.05	$ 2,240.70																	
FS03060	COUPLING, BOLTED - 1-1/4", FOR GALVANIZED PIPE (1.66 OD), STEEL CONSTRUCTION, BOLT SIZE = 1/2" DIAMETER X 7 - 1/2" LENGTH, COUPLING LENGTH = 4", 1500 PSI MINIMUM WORKING PRESSURE, SMITH-BLAIR, INC. OR SHIELDS	SMITH-BLAIR INDUSTRIES, INC. DI W/HMW/RED GASKE	EA	105	40.23	$ 4,213.65																	
FS03070	COUPLING, BOLTED - 1" FOR GALVANIZED PIPE (1.315 OD), STEEL CONSTRUCTION, BOLT SIZE = 1/2" DIAMETER X 7" LENGTH, COUPLING 5", 1500 PSI MIN. WORKING PRESSURE (STYLE 38 W/ARMORED GASKET)	SMITH-BLAIR INDUSTRIES, INC. DI W/HMW/RED GASKE	EA	95	57.57	$ 5,526.45																	
FS04250	ALL PIPE - BRASS (TREET) 45 DEGREE, 1/4"		EA	1	4.74	$ 4.74																	
FS04050	ADAPTER, BRASS - 2-1/2" FEMALE NATIONAL STANDARD THREAD (FPT) X 2-1/2" MALE IRON PIPE (MPT), STEEL CONSTRUCTION (PART # 2-1/2"X MADE IN/AMERICA(PART),	EKHON SW25F207	EA	23	94.25	$ 2,167.75																	
FS08500	COUPLING, BOLTED - 1-1/2", FOR GALVANIZED PIPE (1.90 OD), STEEL CONSTRUCTION, BOLT SIZE = 1/2" DIAMETER X 7" LENGTH, COUPLING LENGTH = 5", 1500 PSI MINIMUM WORKING	SMITH-BLAIR INDUSTRIES, INC. DI W/HMW/RED GASKE	EA	100	41.90	$ 4,306.10																	
FS03227	SEAL PLUG ASSEMBLY FOR APU CLAMPING ASSEMBLY	APU INDUSTRIES INC. (MAT-SAE)-LP	EA	30	66.12	$ 1,345.07																	
FS03780	CLAMPING ASSEMBLY, FOR APU CLAMPING ASSEMBLY	APU (MAT-PNS)-S4-6HT	EA	50	141.57	$ 7,078.50																	
FS03275	BODY, REINFORCED NYLON, FOR APU CLAMPING ASSEMBLY	APU (MAT-BBSE)-SS4-PL	EA	30	486.12	$ 5,806.80																	
CLPM0602	316SS T-3 SERVICE SOL, 6"X2", 0.15-0.45 3/4" X 7.5"W 2.0 - NPT		EA	15	596.14	$ 9,558.31																	
CLPM0602	316SS T-3 SERVICE SOL, 6"x2", 5.24-6.20" X 7.5"W 2.0 - NPT		EA	6	586.51	$ 3,532.86																	
CLPM0612	316SS T-3 SERVICE SOL, 16"x6", 15.22-16.16" X 7.5"W 2.0 - NPT		EA	8	734.11	$ 5,873.84																	
CLPM0604	316SS T-3 SERVICE SOL, 6"x2", 5.84-7.65" X 7.5"W 2.0 - NPT		EA	15	597.57	$ 8,573.27																	
CLPM0608	316SS T-3 SERVICE SOL, 8"x2", 6.84-8.87" X 7.5"W 2.0 - NPT		EA	5	611.41	$ 3,107.35																	
CLPM0908	316SS T-3 SERVICE SOL, 12"x2", 11.34-12.30" X 7.5"W 2.0 - NPT		EA	3	641.71	$ 1,928.79																	
CLPM0905	316SS T-3 SERVICE SOL, 8"x2", 8.54-9.44" X 7.5"W 2.0 - NPT		EA	11	616.18	$ 6,806.14																	
CLPM0909	316SS T-3 SERVICE SOL, 12"x2", 11.62-12.58" X 7.5"W 2.0 - NPT		EA	5	661.71	$ 3,307.56																	
CLPM0912	316SS T-3 SERVICE SOL, 16"x2", 15.15-18.18" X 7.5"W 2.0 - NPT		EA	1	746.54	$ 746.54																	
CLPM0914	316SS T-3 SERVICE SOL, 16"x2", 18.43-19.25" X 7.5" W 2.0-NPT		EA	1	763.20	$ 763.20																	
CLPM0912	316SS T-3 SERVICE SOL, 16"x2", 16.18-18.07" X 7.5"W 2.0 - NPT		EA	3	729.72	$ 2,189.15																	
CLPM0901	316SS T-3 SERVICE SOL, 4"x2", 4.74-5.61" X 7.5"W 2.0 - NPT		EA	5	581.87	$ 2,909.33																	
CLPM0907	316SS T-3 SERVICE SOL, 10"x2", 10.64-11.46" X 7.5"W 2.0 - NPT		EA	9	629.76	$ 5,667.84																	
CLPM0910	316SS T-3 SERVICE SOL, 4"x2", 4.40-5.13" X 7.5"W 2.00 - NPT		EA	8	574.62	$ 4,638.48																	
VLH01735	BODY, NYLON UPPER, FOR VARY CLAMPING ASSEMBLY	APU INDUSTRIES INC. (DI)-HBD(NAVA)	EA	50	83.54	$ 4,177.00																	
CLPM0910	316SS T-3 SERVICE SOL, 14"x2", 13.65-14.47" X 7.5"W 2.0 - NPT		EA	1	670.51	$ 1,011.65																	
VLH01730	VALVE BALL, TILT, FOR APU CLAMPING ASSEMBLY	APU INDUSTRIES INC. (SS)S-TEGBBP-LTM-NOSS	EA	1	199.64	$ 199.64																	
VLH98040	VALVE, GATE, NO LEAD BRONZE - 1", FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST &	NIBCO T-113-LF-1"	EA	18	78.48	$ 1,255.36																	
VLH98070	VALVE, GATE, NO LEAD BRONZE - 1-1/4", FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST &	NIBCO T-113-LF-1-1/4"	EA	69	119.82	$ 8,253.78																	
VLH98230	VALVE, GATE, NO LEAD BRONZE - 1-1/2",FIP,150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST &	NIBCO T-113-LF-1-1/2"	EA	52	137.78	$ 7,164.56																	
VLH34200	VALVE, CHECK, 3-1/4", HORIZONTAL SWING, AWWA BRONZE, RENEWABLE SEAT, 125 WATTSE MOD, Y-PATTERN, THREADED, FOR POTABLE WATER SERVICE, OR AN APPROVE	NIBCO T-413-3	EA	16	100.70	$ 1,572.00																	
VLH98230	VALVE, GATE, BRONZE - 1/2", FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST & SPECIFICATIONS STOCKHAM, NIBCO, HAMMOND, MILWAUKEE OR EQUAL	NIBCO T-113-LF-1/4"	EA	39	60.18	$ 2,425.02																	
FS03085	YPS 732 WIDE RANGE COUPLING, EPOXY COATED, TWO BOLT SYSTEM SUITABLE FOR DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC -OD 3.96-4.31	HYMAX 880-54-0085-16	EA	60	170.75	$ 7,759.45																	
VLH01770	TYPE, FOR VAV CLAMPING ASSEMBLY	APU (MAT-SS-PNS)-S4-HTEX	EA	1	108.85	$ 108.85																	
VLH01790	WASHER UNDER FLOAT FOR VAV CLAMPING ASSEMBLY	APU (MAT-SS)NS-S4	EA	2	7.26	$ 14.52																	
FS04010	BUSHING, METER NO LEAD BRASS, 2" (MALE) X 1-1/2" (FEMALE) - FOR USE WITH CAST OR DUCTILE IRON METER SETTING WITH FLANGED INLET, FLANGED SEAT FOR METER INSTALLATION. **** METER BUSHINGS ONLY -	FORD BBM-60-NL	EA	50	29.76	$ 1,487.80																	
PP0087	PIPE, 2", SCH-80, 316 STAINLESS STEEL, ASSEMBLY (ONLY MAY VARY FROM 20 TO 23 FEET, ORDER BY 1 EACH = 1	SANDVIK BY DESCRIPTION	EA	2	3,400.00	$ 6,930.00																	
VLH01725	PLUNT UPPER, FOR VARY CLAMPING ASSEMBLY	APU INDUSTRIES INC. (SS)T-SBSSPP	EA	1	70.48	$ 70.48																	
FS04048	NIPPLE, PVC - SCH 80, 3/4" X 5"		EA	15	10.08	$ 151.20																	
VLH01720	SHACKLE, FOR APU CLAMPING ASSEMBLY	APU INDUSTRIES INC. (SS)T-CLSBP-M	EA	2	341.04	$ 682.08																	
FS03275	YPS 732 WIDE RANGE COUPLING, EPOXY COATED, TWO BOLT SYSTEM SUITABLE FOR DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC -OD 9.05-9.60	YPS 732-0240-0000-000	EA	1	618.98	$ 618.98																	
FS03310	YPS 732 WIDE RANGE COUPLING, EPOXY COATED, TWO BOLT SYSTEM SUITABLE FOR DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC -OD 9.45-9.61	YPS 732-0363-0000-000	EA	46	223.63	$ 10,287.98																	
VLH01790	WASHER, LOWER, FOR VARY CLAMPING ASSEMBLY	APU (SS)S-SS-NSNNN	EA	6	40.43	$ 242.57																	
FS08312	WATER HAMMER, 12", COMPLETE FITTING CLO RANGE 13.00-13.31 FOR CLA-VAL PVC-55 SLEEVE & NOZZLE CV FLANGE. (BS 4/0	HYDRA-STOP 2512752SH25	EA	1	12,780.00	$ 12,780.00																	
FS08328	WATER HAMMER, 12", COMPLETE FITTING CLO RANGE 13.35-13.85 FOR CLA- VAL PVC-55 SLEEVE & NOZZLE CV FLANGE	HYDRA-STOP 2512302SH25	EA	3	12,780.00	$ 38,340.00																	
FS08332	WATER HAMMER, 12", COMPLETE FITTING CLO RANGE 10.90-11.30 FOR CLA-VAL PVC -55 SLEEVE & NOZZLE CV FLANGE. (BS 360	HYDRA-STOP 2510752SH25	EA	4	41,340.00	$ 10,335.00																	
FS08315	WATER HAMMER, 12", COMPLETE FITTING CLO RANGE 11.15-11.45 FOR CLA- VAL PVC-55 SLEEVE & NOZZLE CV FLANGE. HYDRA-STOP	HYDRA-STOP 2511302SH25	EA	1	10,835.00	$ 10,835.00																	
FS08324	WATER HAMMER, 8", COMPLETE FITTING CLO RANGE 8.00-8.30 FOR CLA- VAL PVC-55 SLEEVE & NOZZLE CV FLANGE. HYDRA-STOP (PART NUMBERS 2548302SH25 & 2QUIFLOW-250).	HYDRA-STOP 2548025SH25	EA	1	4,890.00	$ 4,890.00																	
FS08305	WATER HAMMER, 6", COMPLETE FITTING CLO RANGE 6.00-5.26 FOR CLA- VAL PVC-55 SLEEVE & NOZZLE CV FLANGE.	HYDRA-STOP 2551325SH25	EA	3	14,670.00	$ 44,010.00																	
FS08306	WATER HAMMER, 6", COMPLETE FITTING CLO RANGE 6.70-7.10 FOR CLA-VAL PVC -55 SLEEVE & NOZZLE CV FLANGE. - HYDRA-STOP (PART NUMBER 2566325SH25 & 2QUIFLOW-250).	HYDRA-STOP 2566325SH25	EA	5	27,875.00	$ 5,575.00																	
FS08320	WATER HAMMER, 6", COMPLETE FITTING CLO RANGE 7.05-7.35 FOR CLA- VAL PVC-55 SLEEVE & NOZZLE CV FLANGE.	HYDRA-STOP 2572552SH25	EA	1	27,875.00	$ 27,875.00																	
FS04200	BUSHING, PIPE - NO LEAD BRASS 1-1/2" X 3/4"	SHERT BRASS 3NL116 1-1/2"x3/4"	EA	120	4.62	$ 554.40																	
VLH34282	VALVE, BALL, 3" STAINLESS 316 SMOOT, FULL PORT, SEAL	ORDER BY DESCRIPTION CBD	EA	565	16,665.00	$ 16,665.00																	
FS08330	WATER HAMMER, 10", COMPLETE FITTING CLO RANGE 9.60-10.00 FOR CLA-VAL PVC -55 SLEEVE & NOZZLE CV FLANGE. - HYDRA-STOP (PART NUMBER 2560252SH25 & 2QUIFLOW-250).	HYDRA-STOP 2560252SH25	EA	1	27,875.00	$ 27,875.00																	
FS08329	WATER HAMMER, 8", COMPLETE FITTING CLO RANGE 7.80-8.20 FOR CLA-VAL PVC -55 SLEEVE & NOZZLE CV FLANGE. - HYDRA-STOP (PART NUMBER 2558252SH25 & 2QUIFLOW-250).	HYDRA-STOP 2558252SH25	EA	5	27,875.00	$ 5,575.00																	
FS08320	WATER HAMMER, 6", COMPLETE FITTING CLO RANGE 7.05-7.35 FOR CLA- VAL PVC -55 SLEEVE & NOZZLE CV FLANGE.	HYDRA-STOP 2572552SH25	EA	1	27,875.00	$ 27,875.00																	
FS04200	BUSHING, PIPE - NO LEAD BRASS 1-1/2" X 3/4"	SHERT BRASS 3NL116 1-1/2"x3/4"	EA	120	4.62	$ 554.40																	
VLH34282	VALVE, BALL, 3" STAINLESS 316 SMOOT, FULL PORT, SEAL	ORDER BY DESCRIPTION CBD	EA	565	16,665.00	$ 16,665.00																	
FS08330	WATER HAMMER, 10", COMPLETE FITTING CLO RANGE 9.60-10.00 FOR CLA-VAL PVC -55 SLEEVE & NOZZLE CV FLANGE. - HYDRA-STOP (PART NUMBER 2560252SH25 & 2QUIFLOW-250).	HYDRA-STOP 2560252SH25	EA	1	27,875.00	$ 27,875.00																	
FS08329	WATER HAMMER, 8", COMPLETE FITTING CLO RANGE 7.80-8.20 FOR CLA-VAL PVC -55 SLEEVE & NOZZLE CV FLANGE. - HYDRA-STOP (PART NUMBER 2558252SH25 & 2QUIFLOW-250).	HYDRA-STOP 2558252SH25	EA	5	27,875.00	$ 5,575

Award #13 12/14/2023 Supporting Documents

		Number of Items	265	Total Award Amount	$ 2,223,120.67	Difference	$5	-$5,340.29	%	-0.24%		$ 2,228,460.96
JSA Item ID	Facility Item Description	Quoted Mfg. & Part Number	Quoted Unit Price	Pre-11/Year Previous Bid Price	Lead Time In Calendar Days After Receipt of Order	Contractual Minimum Order Quantities	Minimum Bid	Winner	Total Cost	Last Price Paid	Price Difference	% Difference	Last price paid total cost
55444317	VALVE,TEE,EDISON SCREW BASE, 120 V, 50 W CHROMALOX 974-528	CHROMALOX 974-50-215809	94.37	188.66	120	2	94.37 Pyrotite	188.66	$ 450.00	-$355.63	-79.04%	$ 900.00
77624232	SUPPLY, PIPE - GALVANIZED, 3/4" x 72" WIPT BOTH ENDS.		6.03	6.03	14	2	6.03 Pyrotite	6.03	$ 21.95	-$15.92	-72.54%	$ 43.90
99736389	WASHER, METAL, 1-1/2"EXPANCTION GASKET,RED FIBER GASKET, *1/32" THICKNESS ONLY*. *** PACKAGE 100 EACH PER		0.22	22	14	2	0.24 Pyrotite	24.00	$ 0.66	-$0.44	-66.94%	$ 66.00
3F9A5140	COUPLING, HOSE, 1/2", BARBED END, NATIONAL SERIES "A", BRASS	CHEM-KAUST & COUPLING 4PS4-8	56.91	2845.5	28	2	56.91 Pyrotite	2,845.50	$ 140.00	-$83.09	-59.35%	7,000.00
3F2W4212	SUPPLY, 3/4" DIA X 4" LONG, SCH 40 GALVANIZED, THREADED		3.19	38.76	14	2	3.19 Pyrotite	38.76	$ 3.99	-$1.77	-59.59%	$ 48.00
4F8A5400	UNION, 3" DIA, SCH 80 PVC, 545		7.63	17.65	14	2	7.63 Pyrotite	17.65	$ 17.00	-$9.47	-55.71%	$ 39.00
6A5A4076	VALVE, STAINLESS STEEL, SYSTEM FILLER, 2-1/2", 0-600 PSI, 1/4" DIN SERIES STAINLESS STEEL LOWER MOUNT CONNECTION											
		SYRA 5810174	100	1700	14	2	100.00 Pyrotite	1,700.00	$ 185.00	-$85.00	-45.95%	$ 3,145.00
99736529	GASKET, TRANSITION 8", 161.8 PS GASKET, GASKET 6 USED IN STD. MECHANICAL JOINT FITTING FOR USE ON IRON PIPE SIZES PIPE), GASKET TO BE CONSTRUCTED OF VINYON SBR MEETING ASTM D2000 3 BA713.											
			0.22	3615.42	14	2	0.21 Pyrotite	3,630.82	$ 0.39	-$0.04	-45.00%	$ 6,564.40
99736540	WASHER, METERS,1-1/2" EXPANCTION GASKET,RED FIBER GASKET, *1/16" THICKNESS ONLY*. *** PACKAGE 100 EACH PER											
			0.22	66	14	2	0.23 Pyrotite	69.00	$ 0.55	-$0.22	-40.00%	$ 110.00
2T6A5160	BUSHING, PIPE - BRASS, 3/8"MIPT X 1/4" FIPT.		1.50	13.5	14	2	1.55 Pyrotite	13.50	$ 2.25	-$0.90	-40.00%	$ 22.50
7T5A5010	PLUG, PVC - BRASS, 1/4"		1.52	21.27	14	2	1.50 Pyrotite	21.27	$ 2.23	-$0.88	-39.61%	$ 31.28
4T6A4402	SUPPLY, PVC - SCH 80, 1-1/2" X 4"		7.77	46	14	2	7.88 Pyrotite	46.00	$ 9.25	-$1.25	-28.46%	$ 54.00
7T5A5285	SUPPLY, PIPE - STAINLESS 316 GRADE, SCH 80, 1/4" X 2".	CHUCK BY DESCRIPTION D80		11	14	2	4.00 Pyrotite	12.00	$ 4.82	-$0.82	-38.17%	$ 14.46
7T5A5200	SUPPLY, PIPE - STAINLESS 316 GRADE, SCH 80, 1/2" X CLOSE.	CHUCK BY DESCRIPTION D80	1.50	4.5	14	2	1.95 Pyrotite	6.24	$ 2.65	-$0.55	-35.76%	$ 6.00
1T9B050	GUARD, BELL-STRIP (GAL.,24"	CHIEFTAIN BLUE INC. 274-D80-060	852.24	852.24	14	1	852.24 Pyrotite	852.24	$ 1,260.00	-$409.76	-32.52%	$ 1,260.00
5A9A5A060	VALVE, STAINLESS STEEL, SYSTEM FILLER, 2-1/2", 0-60 PSI, 1/4" DIN SERIES STAINLESS STEEL LOWER MOUNT CONNECTION	SYRA 5810153	100	600	14	2	50.00 Pyrotite	600.00	$ 75.00	-$25.00	-33.33%	$ 900.00
99736547	WASHER, METER,1-1/2" EXPANCTION GASKET,RED FIBER GASKET, *1/16" THICKNESS ONLY*. *** PACKAGE 100 EACH PER											
			0.22	2584	14	2	0.18 Pyrotite	2,584.00	$ 0.33	-$0.04	-33.33%	$ 3,476.00
4MP5911	4" ONE ORDINARY FOR STAINLESS STEEL PUMP CHAFFCHAIR, 1/2 DRIVE ECCENTRIC	C-ONE PUMPS 6034	60	60	14	2	15.00 Pyrotite	60.00	$ 22.34	-$7.34	-32.86%	$ 89.36
7F5A5160	BUSHING, PIPE - BRASS, 1/2"MIPT X 1/4" FIPT.		2.20	41.8	14	2	27.00 Pyrotite	41.80	$ 40.15	-$13.07	-32.39%	$ 171.01
7T5A5005	ADAPTER, PIPE - PVC, SCH 80, 4" MALE SUP X MALE IRON PIPE THREAD.		18.00	18.00	14	1	18.00 Pyrotite	18.00	$ 27.00	-$9.00	-32.33%	$ 27.00
7F5A4800	ADAPTER, MALE, 4" DIA, SCH 80 PVC, SXT		18.00	17.76	14	1	18.00 Pyrotite	17.76	$ 27.00	-$9.00	-32.33%	$ 26.80
7F5A5120	SUPPLY, PIPE - STAINLESS 316 GRADE, SCH 80, 1/2" DIA X 2"		3.00	96.72	14	2	3.00 Pyrotite	96.72	$ 4.43	-$1.43	-32.29%	$ 141.76
1T9B050	GUARD, BELL-STRIP (GAL.,24"	CHIEFTAIN BLUE INC. 274-D80-060	852.24	852.24	14	1	852.24 Pyrotite	852.24	$ 1,260.00	-$409.76	-32.52%	$ 1,260.00
4F8A5300	FLANGE, 3" DIA, SCH 80 PVC, SLIP		15.00	15.53	14	1	15.00 Pyrotite	15.53	$ 22.00	-$7.00	-31.82%	$ 22.00
4F8A5400	FLANGE, 4" DIA, SCH 80 PVC, BLIND		85.00	119.97	14	1	80.86 Pyrotite	119.97	$ 57.00	-$27.13	-29.96%	$ 171.30
4F8A5600	FLANGE, 6" DIA, SCH 80 PVC, BLIND		49.00	98.61	14	2	49.00 Pyrotite	98.61	$ 71.15	-$21.85	-29.94%	$ 141.20
4F8A5600	COUPLING, 4" DIA SCH 80 PVC, 545		13.00	69.75	14	2	13.95 Pyrotite	69.75	$ 19.00	-$5.00	-29.90%	$ 99.50
6FT5A507	VALVE, STAINLESS STEEL, SYSTEM FILLER, ALUMINUM DUSTEL SEALS, 0-600 WITH LOCKING, ASSEMBLY TO SECURE WING TYPE CURE STOPS. NO SUBSTITUTE WITHOUT PRIOR APPROVAL.											
		FOGHYFED MANUFACTURING CO. 9321601SS	0.00	42.85	14	2	0.00 Pyrotite	42.85	$ 0.00	-$0.26	-28.89%	$ 60.90
7T5A5150	SUP, PVC - SCH 40, 1/2", SLIP		0.20	7.5	14	2	0.20 Pyrotite	7.50	$ 0.35	-$0.10	-28.57%	$ 10.50
5V4A4200	VALVE, AIR RELEASE 1", 150 PSI MIN. PRESURE, 1" NPT INLET SIZE, FOR USE ON POTABLE WATER SYSTEM, CAST IRON BODY WITH STAINLESS STEEL INTERNAL MOVING PARTS, INCLUDING											
		CAPCO VALVE & PRAKER COMP. 1004	189.77	569.31	60	2	189.77 Pyrotite	569.31	$ 265.00	-$75.23	-28.39%	$ 795.00
7P5A5200	PIPE, DUCTILE IRON, 16", SLIP JOINT, PRESSURE CLASS 150 MINIMUM, , 18 EACH LENGTHS MINIMUM.		11.00	1254	14	2	11.00 Pyrotite	1,254.00	$ 15.41	-$4.41	-27.93%	$ 1,757.40
7T5A5041	SUPPLY, PIPE - STAINLESS 316 GRADE, SCH 80, 1" DIA X 2" THREADED.		5.00	20	14	2	5.00 Pyrotite	20.00	$ 6.93	-$1.93	-27.83%	$ 27.72
4F5P1500	TEE, 4" DIA, SCH 80 PVC, SXSXS		18.00	36.48	14	2	18.00 Pyrotite	36.00	$ 25.50	-$7.50	-27.69%	$ 51.00
7T5A5150	BUSHING, PIPE - GALVANIZED, 2-1/2" MIPT X 1-1/2" FIPT.		8.00	8.03	14	1	8.03 Pyrotite	8.03	$ 11.08	-$3.06	-27.61%	$ 11.08
7T5A5280	ALL PIPE - GALVANIZED, 2" PIPT WITH ENDS. 45 DEGREE		8.42	264.81	14	2	8.42 Pyrotite	264.81	$ 11.61	-$3.02	-27.56%	$ 474.01
7T5A5170	BUSHING, PIPE - GALVANIZED, 3" MIPT X 2" FIPT		9.0	17.4	14	2	9.00 Pyrotite	17.40	$ 12.35	-$3.65	-27.55%	$ 79.50
7T5A5030	REDUCER, PIPE - GALVANIZED, 3" X 2" FIPT BOTH ENDS.		24.15	24.75	14	1	24.75 Pyrotite	24.75	$ 34.10	-$9.63	-27.55%	$ 34.10
7T5A5210	COUPLING, PIPE - GALVANIZED, 2" FIPT X 2" FIPT.		26.00	338.26	14	2	26.00 Pyrotite	338.26	$ 35.91	-$9.89	-27.54%	$ 466.61
7T5A5200	COUPLING, PIPE - GALVANIZED, 2" MIPT X 2" FIPT.		19.00	77.68	14	2	19.00 Pyrotite	77.68	$ 26.87	-$7.41	-27.54%	$ 107.48
7T5A5030	REDUCER, PIPE - GALVANIZED, 2-1/2" X 2" FIPT BOTH ENDS.		19.77	79.88	14	2	19.77 Pyrotite	79.08	$ 27.31	-$7.49	-27.53%	$ 109.84
7T5A5060	COUPLING, PIPE - GALVANIZED, 2" FIPT X 2" FIPT, MUST BE SHOCK-OUTSIDE, MEANED.		6.50	476.5	14	2	6.00 Pyrotite	474.00	$ 8.80	-$2.42	-27.50%	$ 650.80
7T5A5060	SUL, PVC - SCH 80, 3", 90 DEGREE, SUP X SUP		8.60	8.43	14	2	8.63 Pyrotite	8.63	$ 11.90	-$3.27	-27.48%	$ 11.90
4F8C500	ELBOW, 90 DEGREE, 3" DIA, SCH 40 PVC, SXS		8.63	34.51	14	2	8.63 Pyrotite	34.51	$ 11.90	-$3.27	-27.48%	$ 47.60
7T5C400	ALL PIPE, STREET, GALVANIZED, 2" FIPT X 2" MIPT, 90 DEGREE.		10.53	21.53	14	2	10.51 Pyrotite	21.53	$ 14.49	-$3.98	-27.47%	$ 43.47
7T5C150	BUSHING, PIPE - GALVANIZED, 2-1/2" MIPT X 2" FIPT.		7.53	45.84	14	2	7.53 Pyrotite	45.84	$ 9.95	-$2.69	-27.42%	$ 59.67
7T5C4070	COUPLING, PIPE - GALVANIZED, 1-1/4" FIPT X 1-1/4" FIPT.		3.80	76.8	14	2	3.80 Pyrotite	76.80	$ 5.28	-$1.45	-27.41%	$ 105.86
7T5D0050	LUBRICANT, PVC, SAGE DN-PIPE LOOM LUBRICANT, CONCOMP CHEMICAL CO. OR ACCEPTABLE EQUAL FOR ASSEMBLY OF PLUG VALVES, SUPPLIED IN CONTAINERS AS FOLLOWS: *** ONE GALLON CONTAINERS ONLY ***											
			0.00	5340	14	2	16.00 Pyrotite	5,340.00	$ 21.00	-$6.94	-27.27%	$ 7,119.00
7T5D7132	BUSHING, PIPE PVC, SCH 40, 1-1/2" SLIP X 1" FEMALE PIPE THREAD.		1.50	45	14	2	1.00 Pyrotite	60.00	$ 1.85	-$0.45	-27.27%	$ 81.00
7P5D1200	PIPE, DUCTILE IRON, 20", SLIP JOINT, PRESSURE CLASS 150 MINIMUM, , 18 EACH LENGTHS MINIMUM.		77.53	1551	14	2	77.55 Pyrotite	1,551.00	$ 106.40	-$28.85	-27.11%	$ 2,128.00
7T5D4015	TEE, PVC - SCH 40, 1/2", SLIP X SLIP X SLIP.		0.22	3.3	14	2	0.20 Pyrotite	3.00	$ 0.45	-$0.12	-26.67%	$ 4.50
6FT5A543	KIT, LOOSEAL - KIT 5 USED TO REMOVE LOOSEAL ASSEMBLY FROM WING TYPE CURB STOPS. - NO SUBSTITUTE WITHOUT PRIOR APPROVAL.											
		FOGHYFED MANUFACTURING CO. 9320851SS	7.00	197.23	14	2	7.89 Pyrotite	197.23	$ 10.75	-$2.86	-26.60%	$ 268.75
4F5A4303	GASKET, 4.85 ONE COUPLING, NEOPRENE OR BUNA-N, FOR TYPE 'A' ENDS, SIZE 4"	CHON AP-5477	3.70	370	14	2	3.75 Pyrotite	370.00	$ 5.10	-$1.39	-26.47%	$ 510.00
4F4B060	NIPPLE, HOSE, 1" ID HOSE SIZE X 1" NPT, CONNECTION TYPE, BARBED SHANK & MALE JAW, CHROMED, STEEL	CHON ST-10	11.03	55.15	14	2	11.03 Pyrotite	55.15	$ 15.00	-$3.97	-26.47%	$ 75.00
7T5C5060	SUPPLY, PIPE - GALVANIZED, 1" X 60" WIPT BOTH ENDS.		4.50	13.5	14	2	4.50 Pyrotite	13.50	$ 6.09	-$1.59	-26.11%	$ 18.27
4DM2F112	ELBOW, PIPE, PVC,SCH. 2"X 2"	ROHAC INDUSTRIES SC-35	44.42	88.84	14	2	44.42 Pyrotite	88.84	$ 60.00	-$15.50	-25.97%	$ 120.00
7T5C5060	SUPPLY, PIPE - GALVANIZED, 1-1/2" MIPT X 60" FIPT.		5.0	113.58	14	2	5.00 Pyrotite	117.00	$ 6.83	-$1.68	-25.08%	$ 159.61
7P5B187	BUSHING, 1-1/2" X 1" DIA SCH 80 GALVANIZED, THREADED		3.23	6.69	14	2	3.23 Pyrotite	6.69	$ 4.31	-$1.08	-25.06%	$ 12.91
7T5C5120	BUSHING, PIPE - GALVANIZED, 1-1/2" MIPT X 1" FIPT.		3.23	6.69	14	2	3.23 Pyrotite	6.69	$ 4.31	-$1.08	-25.06%	$ 12.91
7T5C5080	COUPLING, PIPE - GALVANIZED, 1-1/2" MIPT X 1-1/2" FIPT.		4.53	211.44	14	2	4.52 Pyrotite	211.44	$ 6.03	-$1.51	-25.04%	$ 281.41
7T5C5060	SUPPLY, PIPE - GALVANIZED, 1-1/2" MIPT X 1-1/2" FIPT.		4.53	307.8	14	2	4.52 Pyrotite	307.36	$ 6.03	-$1.51	-25.04%	$ 410.04
7T5C5270	ALL PIPE - GALVANIZED, 1-1/2" PIPT WITH ENDS. 45 DEGREE		5.00	93.44	14	2	5.86 Pyrotite	93.44	$ 7.76	-$1.95	-25.15%	$ 124.02
7T5C5100	BUSHING, PIPE - GALVANIZED, 1-1/2" MIPT X 1-1/4" FIPT.		5.20	175.5	14	2	5.85 Pyrotite	175.50	$ 5.20	-$1.38	-25.00%	$ 156.00
7T5D4080	ALL PIPE - SCH 40, 45 DEGREE, 1-1/2" SLIP X SLIP		3.66	231.73	14	2	3.45 Pyrotite	231.73	$ 3.66	-$0.11	-25.00%	$ 329.10
7T5D4080	ALL PIPE - GALVANIZED, 1-1/2" FIPT BOTH ENDS. 45 DEGREE		4.0	38.2	14	2	4.00 Pyrotite	40.00	$ 4.65	-$1.62	-24.96%	$ 52.24
7T5D5120	REDUCER, PIPE - GALVANIZED, 2-1/4" X 1-1/2" FIPT BOTH ENDS.		3.70	18.8	14	2	3.76 Pyrotite	18.80	$ 5.05	-$1.25	-24.95%	$ 25.05
7T5C250	ALL PIPE - GALVANIZED, 1-1/2" FIPT BOTH ENDS. 90 DEGREE		3.77	72.95	14	2	3.73 Pyrotite	93.05	$ 4.97	-$1.24	-24.95%	$ 74.55
7P5B7200	ELBOW, 90 DEGREE, 1 1/4" DIA, SCH 40 GALVANIZED, THREADED		3.73	29.84	14	2	3.73 Pyrotite	29.84	$ 4.97	-$1.24	-24.95%	$ 39.76
7T5D1170	BUSHING, PIPE - GALVANIZED, 2" MIPT X 1" FIPT.		5.33	638.56	14	2	5.26 Pyrotite	504.96	$ 6.87	-$1.71	-24.89%	$ 1,556.82
7P5B187	BUSHING, 2" X 1" DIA SCH 40 GALVANIZED, THREADED		5.33	10.96	14	2	5.26 Pyrotite	10.96	$ 6.87	-$1.72	-24.89%	$ 21.22
7T5C440	ALL PIPE - STREET,GALVANIZED, 1-1/4" FIPT X 1-1/4" MIPT, 90 DEGREE.		5.0	5.5	14	1	5.50 Pyrotite	5.50	$ 6.78	-$1.69	-24.89%	$ 6.78
7T5D1230	REDUCER, PIPE - GALVANIZED, 2" X 1" FIPT BOTH ENDS.		6.5	6.5	14	1	6.50 Pyrotite	6.50	$ 8.85	-$2.20	-24.89%	$ 8.85
7T5D7150	REDUCER, PIPE - GALVANIZED, 2" X 1-1/2" FIPT BOTH ENDS.		6.60	33.05	14	2	6.61 Pyrotite	33.05	$ 8.80	-$2.19	-24.89%	$ 44.00
7T5D7180	REDUCER, PIPE - GALVANIZED, 2" X 3/4" FIPT BOTH ENDS.		7.55	15.1	14	2	7.55 Pyrotite	15.10	$ 10.53	-$2.63	-24.89%	$ 21.06
7T5D4180	REDUCER, PIPE - GALVANIZED, 3-1/2" X 3-1/4" FIPT BOTH ENDS.		4.50	18.26	14	2	4.56 Pyrotite	18.26	$ 6.11	-$1.52	-24.89%	$ 24.44
7T5D1150	BUSHING, PIPE - GALVANIZED, 1-1/2" MIPT X 1" FIPT.		4.20	548.58	14	2	4.25 Pyrotite	569.58	$ 5.63	-$1.40	-24.87%	$ 731.46
7T5C270	ALL PIPE - GALVANIZED, 1-1/2" FIPT BOTH ENDS. 90 DEGREE		4.53	44.57	14	2	4.50 Pyrotite	44.57	$ 6.06	-$1.50	-24.83%	$ 59.48
7P5B7200	ELBOW, 90 DEGREE, 1 1/2" DIA, SCH 40 GALVANIZED, THREADED		4.50	49.5	14	2	4.50 Pyrotite	49.50	$ 6.06	-$1.65	-24.83%	$ 60.60
7T5D1280	ALL PIPE - GALVANIZED, 2" FIPT BOTH ENDS. 90 DEGREE		8.25	104.22	14	2	8.25 Pyrotite	104.22	$ 10.92	-$2.71	-24.82%	$ 138.40
7P5B7300	ELBOW, 90 DEGREE, 2" DIA, SCH 40 GALVANIZED, THREADED		8.25	24.65	14	2	8.22 Pyrotite	24.65	$ 10.92	-$2.71	-24.82%	$ 32.76
7T5D5120	REDUCER, PIPE - GALVANIZED, 2-1/2" X 1" FIPT BOTH ENDS.		4.84	14.52	14	2	4.85 Pyrotite	14.55	$ 6.46	-$1.60	-24.81%	$ 19.35
7T5D1240	BUSHING, PIPE - GALVANIZED, 2-1/2" MIPT X 1/4" FIPT.		4.70	155.1	14	2	4.70 Pyrotite	155.10	$ 6.25	-$1.55	-24.80%	$ 206.25
7P5B4356	BUSHING, 1 1/2" X 3/4" DIA SCH 40 GALVANIZED, THREADED		4.7	47	14	2	4.70 Pyrotite	47.00	$ 6.25	-$1.55	-24.80%	$ 62.50
4T5D1430	ALL PIPE - STREET, GALVANIZED, 2" FIPT X 2" MIPT, 90 DEGREE.		5.50	165.4	14	2	5.06 Pyrotite	182.40	$ 4.94	-$1.00	-24.75%	$ 242.40
7T5D4020	TEE, PVC - SCH 40, 1-1/4", SLIP X SLIP X SLIP		3.50	9	14	2	3.50 Pyrotite	9.00	$ 5.00	-$0.05	-23.53%	$ 13.00
7T5D4760	NIPPLE, PIPE - GALVANIZED, 2-1/2" X 8" NIPT BOTH ENDS.		16.42	32.84	14	2	16.41 Pyrotite	32.82	$ 21.46	-$4.88	-23.54%	$ 42.80
7T5D4850	NIPPLE, PIPE - GALVANIZED, 3" X 6" NIPT BOTH ENDS.		17.04	68.16	14	2	17.08 Pyrotite	68.32	$ 22.21	-$5.13	-23.09%	$ 88.84
7T5D4850	NIPPLE, PIPE - GALVANIZED, 3" X 5" NIPT BOTH ENDS.		16.37	16.12	14	1	16.12 Pyrotite	16.12	$ 21.01	-$4.89	-23.27%	$ 21.01
7T5D7870	NIPPLE, PIPE - GALVANIZED, 3" X 12" NIPT BOTH ENDS.		26.00	364.96	14	2	26.00 Pyrotite	364.96	$ 38.87	-$8.93	-23.17%	$ 493.20
7T5D4760	NIPPLE, PIPE - GALVANIZED, 2-1/2" X 6" NIPT BOTH ENDS.		12.71	63.55	14	2	12.76 Pyrotite	63.80	$ 16.63	-$3.87	-23.27%	$ 83.15
7T5D4850	NIPPLE, PIPE - GALVANIZED, 3" X 10" NIPT BOTH ENDS.		26.00	26.74	14	1	26.00 Pyrotite	26.74	$ 34.11	-$7.94	-23.27%	$ 34.11
7T5D4720	NIPPLE, PIPE - GALVANIZED, 2" X 12" NIPT BOTH ENDS.		12.87	193.05	14	2	12.87 Pyrotite	193.05	$ 16.77	-$3.90	-23.24%	$ 251.52
7T5D4960	TEE, PVC - SCH40, 1-1/2", SLIP X SLIP X SLIP.		5.0	76.5	14	2	5.00 Pyrotite	75.00	$ 7.80	-$1.80	-22.53%	$ 97.20
7T5B400	VASTAG, 1000 PC. DOUBLE STRAP 316 STAINLESS STEEL EPOXY COATED, 3/4"	CSK 1082	152.0	1064	14	2	152.00 Pyrotite	1,064.00	$ 195.00	-$42.66	-22.06%	$ 1,365.00
7T5B9200	VASTAG, 850 PC. DOUBLE STRAP 316 STAINLESS STEEL EPOXY COATED, 1"	CSK 1081	132.0	660.02	14	2	132.00 Pyrotite	660.00	$ 170.00	-$37.97	-21.85%	$ 850.00
1U4T1202	ELBOW, DUCTILE IRON, MECHANICAL JOINT, 90 DEGREE, 12" DIA, CLASS 350 PIPE WALL THICKNESS, 3.500" X 3", HEAVY DUTY.	CLOW MFR PRODUCTS V89-3	82	2624	14	2	20.57 Pyrotite	2,573.00	$ 26.00	-$5.43	-20.88%	$ 3,328.00
7T5D0050	ADAPTER, PIPE - PVC, SCH 80, 3", SLIP X MALE IRON PIPE THREAD											
			12.24	12.42	14	1	12.44 Pyrotite	12.42	$ 15.70	-$3.26	-20.74%	$ 47.10
7T5D4880	NIPPLE, PIPE - GALVANIZED, 3" X 10" NIPT BOTH ENDS.		26.00	26.74	14	1	26.00 Pyrotite	26.74	$ 32.81	-$6.81	-20.75%	$ 32.81
7T5D4760	NIPPLE, PIPE - GALVANIZED, 1-1/4" X 12" NIPT BOTH ENDS.		7.20	7.11	14	1	7.11 Pyrotite	7.11	$ 8.86	-$1.84	-20.74%	$ 8.86
7T5D4280	NIPPLE, PIPE - GALVANIZED, 3/4" X 12" NIPT BOTH ENDS.		4.70	14.09	14	2	4.70 Pyrotite	14.10	$ 5.90	-$1.22	-20.53%	$ 17.67
7T5D4670	NIPPLE, PIPE - GALVANIZED, 2" X 4" NIPT BOTH ENDS.		4.72	82	14	2	4.71 Pyrotite	81.20	$ 5.77	-$1.06	-20.50%	$ 103.40
7T5D4670	NIPPLE, PIPE - GALVANIZED, 1-1/2" X 4" NIPT BOTH ENDS.		4.20	42.4	14	2	4.24 Pyrotite	42.40	$ 5.53	-$1.13	-20.47%	$ 70.50
7T5D4690	NIPPLE, PIPE - GALVANIZED, 2" X 6" NIPT BOTH ENDS.		9.0	45	14	2	9.00 Pyrotite	45.00	$ 7.87	-$1.57	-20.47%	$ 78.70
7T5D7230	NIPPLE, PIPE - GALVANIZED, 2" X 8" NIPT BOTH ENDS.		11.0	11.42	14	1	11.00 Pyrotite	11.42	$ 14.61	-$2.88	-20.47%	$ 14.61
7T5D4620	NIPPLE, PIPE - GALVANIZED, 1-1/2" X 8" NIPT BOTH ENDS.		6.60	13.64	14	2	6.82 Pyrotite	13.64	$ 8.57	-$1.76	-20.62%	$ 17.16
7T5D4560	NIPPLE, PIPE - GALVANIZED, 1-1/2" X 5" NIPT BOTH ENDS.		8.57	119.91	14	2	8.56 Pyrotite	119.92	$ 10.73	-$2.14	-19.93%	$ 150.22
6FT5H018	STUD, GOOSEAU, SMALL DIAMETER, STUD IS USED WITH GOOSEAU ASSEMBLY FOR SECURING WING TYPE CURB STOPS, NO SUBSTITUTE WITHOUT PRIOR APPROVAL.											
		FOGHYFED MANUFACTURING CO. 9321601SS	1.00	1152	14	2	1.50 Pyrotite	1,152.00	$ 2.45	-$0.48	-20.00%	$ 1,440.00
1P4B2F24	ELBOW, PIPE, PVC,SCH. 2"X 2"											
1U4T1202	ADAPTER,NIPPLE (LONG), 3/4" CXM COMPRESSION OR COPPER FARMULSTUDIOS, &RUBYSEAL&MACHINE	CHATH BLAIR 3174015001A-016	130.12	130.11	14	1	130.11 Pyrotite	130.11	$ 161.59	-$31.48	-19.48%	$ 161.59
7T5P0030	ADAPTER, DRILL BITS AND NUTSNUT HANDLE		74.25	890.84	60	2	75.25 Pyrotite	902.96	$ 91.73	-$17.50	-19.08%	$ 1,100.76
7U4P0008	ELBOW, PIPE - GALVANIZED, 1-1/2" X 4" NIPT BOTH ENDS.		3.5	16.03	14	2	3.51 Pyrotite	16.03	$ 4.08	-$0.77	-18.87%	$ 20.40
7T5D4050	TEE, PVC - DRSE, 10" X 10" X 6", ALL OUT--1271 TO BE WELDED AND SMOKETEL CWB--ALL FITTINGS TO BE INJECTION MOLDED.		897	897	14	1	897.00 Pyrotite	897.00	$ 1,100.00	-$203.00	-18.45%	$ 1,100.00
7T5D4135	NIPPLE, PIPE - GALVANIZED, 1-1/4" X 6" NIPT BOTH ENDS.		5.70	102.6	14	2	5.76 Pyrotite	103.65	$ 7.01	-$1.81	-18.39%	$ 126.20
7T5D4670	NIPPLE, PIPE - GALVANIZED, 1" X 12" NIPT BOTH ENDS.		3.60	21.72	14	2	3.60 Pyrotite	21.72	$ 4.36	-$1.08	-18.39%	$ 26.16
7T5D4690	NIPPLE, PIPE - GALVANIZED, 1-1/2" X 12" NIPT BOTH ENDS.		8.20	245.39	14	2	8.76 Pyrotite	245.28	$ 10.73	-$1.97	-18.36%	$ 300.44
7T5D4960	NIPPLE, PIPE - GALVANIZED, 2" X 10" NIPT BOTH ENDS.		10.00	10.74	14	1	10.00 Pyrotite	10.74	$ 12.25	-$2.25	-18.37%	$ 12.25
7P5D1200	PIPE, DUCTILE IRON, 24", SLIP JOINT, PRESSURE CLASS 150 MINIMUM, , 18 EACH LENGTHS MINIMUM.		104.88	2097.6	60	2	104.88 Pyrotite	2,097.60	$ 127.85	-$22.97	-17.97%	$ 2,557.00
4MP5P01	SUPPLY, PIPE - GALVANIZED, 1-1/2" X 6" NIPT BOTH ENDS.	C-ONE PUMPS 6034	9.00	9	14	1	9.00 Pyrotite	9.00	$ 10.97	-$1.97	-17.96%	$ 10.97
4MP5P01A	V-ONE CONVERSION KIT TO UPDATE A 2000 SERIES EQP (ELECTRIC FLICK SWITCHMOTE) TO 4000 SERIES	C-ONE PUMPS 1224	92.19	368.68	14	2	92.17 Pyrotite	368.68	$ 83.79	-$18.42	-44.58%	$ 335.00

Award #13 12/14/2023 Supporting Documents

Core & Main		Number of Items	333		$ 1,540,882.31			Difference	$$	-$183,893.91	%	-10.62%		$ 1,723,976.26
JEA Item #	Item Description	UOM	Estimated One(1) Year Usage	Quoted Mfg. & Part Number	Quoted Unit Price	One (1) Year Proposed Bid Price	Lead Time in Calendar Days After Receipt of Order	Contractual Minimum Order Quantities	Minimum Bid	Winner	Total Cost	Last Price Paid	Price Difference	% Difference	Last price paid total cost
WTB13271	WASHER, METER, 1"CONNECTION GASKET,RED FIBER GASKET ,**1/16" THICKNESS ONLY**, *** PACKAGE 100 EACH PER BOX ***	EA	2000		0.09	180.00	10 Days		0.09	Core	$ 180.00	$ 0.50	-$0.41	-82.00%	$ 1,000.00
PDFA1202	FLANGE, 1 1/2" DIA, SCH 80 PVC, BLIND	EA	4		14.80	59.20	56.50 Days		14.80	Core	$ 59.20	$ 80.00	-$65.20	-81.50%	$ 320.00
PFH1924	PIPE, PVC SCH 40, 1/2", 20 FT LENGTHS, BELL ON ONE END.	FT	448		0.19	$ 85.68	5 Weeks		0.19	Core	$ 85.68	$ 0.72	-$0.48	-66.67%	$ 318.85
CPA1450	CLAMP, STELLAR, 12",CLAMP MUST HAVE TWO BOLT HOLES ON EACH END. CLAMPS TO BE SUPPLIED WITH A 1/2" BOLTS AND NUTS. NOTE: CLAMPS ARE TO BE ASSEMBLED OR PACKAGED	EA	1		79.00	79.00	5 Weeks		79.00	Core	$ 79.00	$ 225.00	-$146.00	-64.89%	$ 225.00
PSG080	ELL, PIPE- GALVANIZED, 3/8" FIPT BOTH ENDS, 45 DEGREE	EA	5		1.34	6.68	5 Weeks		1.34	Core	$ 6.68	$ 4.75	-$3.41	-66.79%	$ 23.75
PSG0840	COUPLING, PIPE - GALVANIZED, 1/2" FIPT X 1/2" FIPT.	EA	1		1.55	1.55	10 Days		1.55	Core	$ 1.55	$ 4.40	-$2.85	-64.77%	$ 4.40
PSG1250	ELL, PIPE- GALVANIZED, 1" FIPT BOTH ENDS, 90 DEGREE	EA	78		2.45	191.10	10 Days		2.45	Core	$ 191.10	$ 9.95	-$4.50	-64.75%	$ 542.33
PSG2080	BUSHING, PIPE - GALVANIZED, 1" MIPT X 1/2" FIPT.	EA	27		2.56	69.12	10 Days		2.56	Core	$ 69.12	$ 7.25	-$4.69	-64.69%	$ 195.75
PSG2450	CAP, PIPE- GALVANIZED, 2" FIPT.	EA	3		4.51	$ 13.53	10 Days		4.51	Core	$ 13.53	$ 12.95	-$8.44	-65.17%	$ 38.85
PSG2850	ELL, PIPE- GALVANIZED, 2" FIPT BOTH ENDS, 45 DEGREE.	EA	42		2.72	114.24	10 Days		2.72	Core	$ 114.24	$ 7.70	-$4.98	-64.68%	$ 323.40
PSG3080	BUSHING, PIPE - GALVANIZED, 2" MIPT X 1" FIPT.	EA	24		3.13	75.12	10 Days		3.13	Core	$ 75.12	$ 8.75	-$5.62	-64.23%	$ 210.00
PSG3280	NUSHING, PIPE - GALVANIZED, 2" MIPT X 1/2" FIPT.	EA	8		2.56	20.48	10 Days		2.56	Core	$ 20.48	$ 7.20	-$4.64	-64.44%	$ 57.60
PSG3425	ELL, PIPE - STREET, GALVANIZED, 3/4" FIPT X 3/4" MIPT. 90 DEGREE.	EA	15		2.34	35.10	10 Days		2.34	Core	$ 35.10	$ 6.60	-$4.26	-64.55%	$ 99.00
PSG4050	COUPLING, PIPE - GALVANIZED, 3/4" FIPT X 3/4" FIPT.	EA	20		1.80	36.00	10 Days		1.80	Core	$ 36.00	$ 5.00	-$3.20	-64.00%	$ 100.00
PSG4280	ELL, PIPE- GALVANIZED, 3/4" FIPT BOTH ENDS, 90 DEGREE.	EA	51		1.70	86.70	10 Days		1.70	Core	$ 86.70	$ 4.75	-$3.48	-69.89%	$ 242.25
WTB3119	WASHER, METER 3/4" RUBBER WATER GASKET,1/8" THICK X 1-1/16" OUTSIDE DIAMETER RUBBER WASHERS ONLY. SIZE MUST MATCH. ***** NO SUBSTITUTE ***** * PACKAGE 100 EACH PER BOX *	EA	120160		0.09	10,809.00	10 Days		0.09	Core	$ 10,809.00	$ 0.25	-$0.16	-64.00%	$ 30,025.00
PSG5080	COUPLING, PIPE - GALVANIZED, 1" FIPT X 1" FIPT.	EA	180		3.05	549.00	10 Days		3.05	Core	$ 549.00	$ 8.25	-$5.20	-63.03%	$ 1,485.00
PSG6200	REDUCER, PIPE - GALVANIZED, 1" X 1-1/4" FIPT BOTH ENDS.	EA	1		7.49	7.49	10 Days		7.49	Core	$ 7.49	$ 19.95	-$12.46	-62.61%	$ 19.95
PSG6250	SQUARE HEAD PLUG, PIPE - GALVANIZED, 3/4" MIPT.	EA	323		1.66	535.78	10 Days		1.66	Core	$ 535.78	$ 4.50	-$2.82	-62.67%	$ 1,440.00
PSG7070	REDUCER, PIPE - GALVANIZED, 3/4" X 1/2" FIPT BOTH ENDS.	EA	5		1.55	7.75	10 Days		1.55	Core	$ 7.75	$ 4.20	-$2.65	-63.10%	$ 21.00
PSG7250	ELL, PIPE- GALVANIZED, 3/4"X 3/4"X 3/4" FIPT.	EA	5		2.26	11.30	10 Days		2.26	Core	$ 11.30	$ 6.65	-$4.39	-66.02%	$ 33.25
PSG7450	SQUARE HEAD PLUG, PIPE - GALVANIZED, 1/4" MIPT.	EA	7		2.84	19.88	10 Days		2.84	Core	$ 19.88	$ 7.55	-$4.71	-62.38%	$ 52.85
PSG8030	REDUCER, PIPE - GALVANIZED, 1-1/4" X 3/4 FIPT BOTH ENDS.	EA	4		4.66	18.64	10 Days		4.66	Core	$ 18.64	$ 16.75	-$12.09	-72.18%	$ 67.00
PSG9080	REDUCER, PIPE - GALVANIZED, 2" X 1" FIPT BOTH ENDS.	EA	10		2.96	29.60	10 Days		2.96	Core	$ 29.60	$ 7.80	-$4.84	-62.05%	$ 78.00
PSG9085	SQUARE HEAD PLUG, PIPE - GALVANIZED, 2" MIPT.	EA	55		4.67	267.85	10 Days		4.67	Core	$ 267.85	$ 12.90	-$8.03	-62.25%	$ 709.50
PSG9250	SQUARE HEAD PLUG, PIPE - GALVANIZED, 1-1/4" MIPT.	EA	30		3.83	114.90	10 Days		3.83	Core	$ 114.90	$ 10.30	-$6.47	-62.82%	$ 309.00
PSG9350	NUT, OPERATING FIRE HYDRANT, 4-1/2" W & N, OPEN RIGHT. FOR 1997 OR NEWER HYDRANTS. *** NO SUBSTITUTE ***	EA	12		17.05	204.60	5 Weeks		17.05	Core	$ 204.60	$ 41.00	-$23.95	-58.41%	$ 492.00
PSG9380	ELL, PIPE- GALVANIZED, 1-1/4" X 1-1/4" X 1-1/4" FIPT.	EA	11	MFR K-44574	6.12	67.32	10 Days		6.12	Core	$ 67.32	$ 16.20	-$10.08	-62.22%	$ 178.20
PSG7100	ELL, PIPE- GALVANIZED, 1-1/2" X 1-1/2" X 1-1/2" FIPT.	EA	24		7.54	180.96	10 Days		7.54	Core	$ 180.96	$ 22.05	-$13.51	-61.28%	$ 529.20
PSG9480	SQUARE HEAD PLUG, PIPE - GALVANIZED, 1-1/2" MIPT.	EA	5		3.84	19.20	10 Days		3.84	Core	$ 19.20	$ 10.55	-$6.31	-62.11%	$ 52.75
PSG7120	ELL, PIPE- GALVANIZED, 2" X 2" X 2" FIPT.	EA	20		12.79	255.80	10 Days		12.79	Core	$ 255.80	$ 33.95	-$20.84	-61.39%	$ 679.00
PSG9080	REDUCER, PIPE - GALVANIZED, 2" X 1/2" FIPT BOTH ENDS.	EA	3		3.26	9.80	10 Days		3.26	Core	$ 9.80	$ 8.45	-$5.20	-62.13%	$ 25.35
PSG9250	REDUCER, PIPE - GALVANIZED, 4" X 3"	EA	1		43.56	43.56	10 Days		43.56	Core	$ 43.56	$ 117.50	-$73.94	-62.93%	$ 117.50
PTG9140	REDUCER, PIPE - GALVANIZED, 3-1/2" X 3/4 FIPT BOTH ENDS.	EA	3		5.25	15.75	10 Days		5.25	Core	$ 15.75	$ 13.85	-$8.60	-62.09%	$ 41.55
PSG9280	UNION, PIPE - GALVANIZED, 2" X 2" FIPT, BRASS SEAT, GROUND JOINT.	EA	6		10.00	114.00	10 Days		10.00	Core	$ 114.00	$ 48.20	-$29.20	-60.58%	$ 289.20
PGBM1418	NIPPLE, 1" DIA X 8" LG SCH 40 GALVANIZED, THREADED	EA	4		6.05	25.19	1.5 Weeks		6.05	Core	$ 25.19	$ 15.00	-$8.95	-59.67%	$ 60.00
PFH1410	PIPE, PVC, SCH40, 1", 20 FT. LENGTHS, PURPLE RECLAIM WATER	FT	940		18.90	$ 17,766.00	5 Weeks		18.90	Core	$ 17,766.00	$ 45.00	-$26.10	-58.00%	$ 42,300.00
PFH1589	PIPE, PVC, SCH 40, 2", 20 FT LENGTHS. ***** NO SUBSTITUTES *****	FT	20		5.46	109.20	5 Weeks		5.46	Core	$ 109.20	$ 13.15	-$7.69	-58.48%	$ 263.00
PFH1214	PIPE, PVC SCH 40 1/4 ", 20 FT LENGTHS. BELL ON ONE END. (3 EA	FT	280		0.66	$ 184.80	5 Weeks		0.66	Core	$ 184.80	$ 1.80	-$1.14	-63.33%	$ 504.00
PSG9430	NIPPLE, PIPE - GALVANIZED, 3/4" X 3" MIPT WITH ENDS.	EA	10		1.25	12.50	10 Days		1.25	Core	$ 12.50	$ 3.00	-$1.75	-58.33%	$ 30.00
PFH1234	PIPE, PVC SCH 40, 1", 20 FT LENGTHS.	FT	1040		0.98	1,019.20	5 Weeks		0.98	Core	$ 1,019.20	$ 2.85	-$1.87	-65.61%	$ 2,964.00
PFH1334	PIPE, PVC SCH 40, 1-1/4", 20 FT LENGTHS. BELL ON ONE END.	FT	1040		0.98	1,019.20	5 Weeks		0.98	Core	$ 1,019.20	$ 3.30	-$2.32	-70.30%	$ 3,432.00
PFH1934	PIPE, PVC, SCH 40, 3/4", 20 FT LENGTHS. BELL ON ONE END.	FT	2540		0.83	$ 2,108.20	5 Weeks		0.83	Core	$ 2,108.20	$ 2.50	-$1.67	-66.80%	$ 6,350.00
PSG9480	NIPPLE, PIPE - GALVANIZED, 1/2" X 6" MIPT WITH ENDS.	EA	10		2.19	21.90	10 Days		2.19	Core	$ 21.90	$ 5.45	-$3.26	-59.86%	$ 54.50
PSG9490	NIPPLE, PIPE - GALVANIZED, 1/2" X 4" MIPT WITH ENDS.	EA	20		1.84	36.80	10 Days		1.84	Core	$ 36.80	$ 4.80	-$2.96	-61.67%	$ 96.00
PSG9560	NIPPLE, PIPE - GALVANIZED, 1/2" X 2" MIPT WITH ENDS.	EA	40		1.49	59.60	10 Days		1.49	Core	$ 59.60	$ 3.85	-$2.36	-61.30%	$ 154.00
PSG9640	NIPPLE, PIPE - GALVANIZED, 1/2" X 4" MIPT BOTH ENDS.	EA	1		1.75	1.75	10 Days		1.75	Core	$ 1.75	$ 4.35	-$2.60	-59.77%	$ 4.35
PSG9650	NIPPLE, PIPE - GALVANIZED, 1/2" X 5" MIPT WITH ENDS.	EA	1		1.75	1.75	10 Days		1.75	Core	$ 1.75	$ 4.35	-$2.60	-59.77%	$ 4.35
PSG9670	NIPPLE, PIPE - GALVANIZED, 1/2" X 6" MIPT BOTH ENDS.	EA	1		2.25	2.25	10 Days		2.25	Core	$ 2.25	$ 5.20	-$2.95	-56.73%	$ 5.20
PSG9680	NIPPLE, PIPE - GALVANIZED, 1/2" X 7" MIPT BOTH ENDS.	EA	1		2.41	2.41	10 Days		2.41	Core	$ 2.41	$ 5.55	-$3.14	-56.67%	$ 5.55
PSG9690	NIPPLE, PIPE - GALVANIZED, 1/2" X 8" MIPT BOTH ENDS.	EA	10		1.95	19.50	10 Days		1.95	Core	$ 19.50	$ 4.40	-$2.45	-55.68%	$ 44.00
PSG9700	NIPPLE, PIPE - GALVANIZED, 1/2" X 4" MIPT WITH ENDS.	EA	5		2.88	14.40	10 Days		2.88	Core	$ 14.40	$ 6.95	-$3.47	-50.00%	$ 34.75
PSG9680	NIPPLE, PIPE - GALVANIZED, 1-1/2" X 2" MIPT BOTH ENDS.	EA	8		2.88	23.04	10 Days		2.88	Core	$ 23.04	$ 6.95	-$3.47	-50.00%	$ 55.60
WFG1286	PIPE, PVC, SCH 40, 2", 20 FT LENGTHS. BELL ON ONE END.	FT	1680		1.98	3,405.20	5 Weeks		1.98	Core	$ 3,405.20	$ 2.89	-$1.81	-62.63%	$ 4,855.20
PSG9420	NIPPLE, PIPE - GALVANIZED, 2" X CLOSE MIPT BOTH ENDS.	EA	1		3.26	3.26	5 Weeks		3.26	Core	$ 3.26	$ 6.40	-$3.14	-49.06%	$ 6.40
PSG9450	NIPPLE, PIPE - GALVANIZED, 2" X 4" MIPT BOTH ENDS.	EA	1		3.26	3.26	5 Weeks		3.26	Core	$ 3.26	$ 6.40	-$3.14	-49.06%	$ 6.40
PSG9460	NIPPLE, PIPE - GALVANIZED, 2" X 6" MIPT BOTH ENDS.	EA	1		3.26	3.26	5 Weeks		3.26	Core	$ 3.26	$ 6.40	-$3.14	-49.06%	$ 6.40
PSG9470	NIPPLE, PIPE - GALVANIZED, 2" X 8" MIPT BOTH ENDS.	EA	1		3.26	3.26	5 Weeks		3.26	Core	$ 3.26	$ 6.40	-$3.14	-49.06%	$ 6.40
PSG9490	NIPPLE, PIPE - GALVANIZED,2 1/2" X CLOSE MIPT BOTH ENDS.	EA	11		3.26	35.86	5 Weeks		3.26	Core	$ 35.86	$ 4.55	-$1.29	-28.35%	$ 50.05
PSG9500	NIPPLE, PIPE - GALVANIZED, 2 1/2" X 4" MIPT BOTH ENDS.	EA	55		3.25	178.75	10 Days		3.25	Core	$ 178.75	$ 7.40	-$3.95	-53.38%	$ 407.00
PSG9600	NIPPLE, PIPE - GALVANIZED, 3" X 4" MIPT BOTH ENDS.	EA	5		3.25	16.25	10 Days		3.25	Core	$ 16.25	$ 12.40	-$9.15	-73.79%	$ 62.00
PSG9650	NIPPLE, PIPE - GALVANIZED, 3" X 6" MIPT BOTH ENDS.	EA	27		3.41	92.07	10 Days		3.41	Core	$ 92.07	$ 17.30	-$13.89	-80.29%	$ 467.10
PSG9660	NIPPLE, PIPE - GALVANIZED, 3" X 8" MIPT BOTH ENDS.	EA	10		3.95	39.50	10 Days		3.95	Core	$ 39.50	$ 22.60	-$18.65	-82.52%	$ 226.00
PSG9710	NIPPLE, PIPE - GALVANIZED, 1-1/4" X 4" MIPT BOTH ENDS.	EA	5		2.88	14.40	10 Days		2.88	Core	$ 14.40	$ 6.95	-$3.47	-50.00%	$ 34.75
PSG9680	NIPPLE, PIPE - GALVANIZED, 1-1/2" X 2" MIPT BOTH ENDS.	EA	8		2.88	23.04	10 Days		2.88	Core	$ 23.04	$ 6.95	-$3.47	-50.00%	$ 55.60
WFG1286	PIPE, PVC, SCH 40, 2", 20 FT LENGTHS. BELL ON ONE END.	FT	1680		1.98	3,405.20	5 Weeks		1.98	Core	$ 3,405.20	$ 2.89	-$1.81	-62.63%	$ 4,855.20
PSG9650	NIPPLE, PIPE - GALVANIZED, 2" X CLOSE MIPT BOTH ENDS.	EA	1		3.26	3.26	5 Weeks		3.26	Core	$ 3.26	$ 6.40	-$3.14	-49.06%	$ 6.40
PSG9660	NIPPLE, PIPE - GALVANIZED, 2" X 4" MIPT BOTH ENDS.	EA	1		3.26	3.26	5 Weeks		3.26	Core	$ 3.26	$ 6.40	-$3.14	-49.06%	$ 6.40
PSG9670	NIPPLE, PIPE - GALVANIZED, 2" X 6" MIPT BOTH ENDS.	EA	1		3.26	3.26	5 Weeks		3.26	Core	$ 3.26	$ 6.40	-$3.14	-49.06%	$ 6.40
PSG9680	NIPPLE, PIPE - GALVANIZED, 2" X 8" MIPT BOTH ENDS.	EA	1		3.26	3.26	5 Weeks		3.26	Core	$ 3.26	$ 6.40	-$3.14	-49.06%	$ 6.40
PSG9690	NIPPLE, PIPE - GALVANIZED,3 1/2" X CLOSE MIPT BOTH ENDS.	EA	11		3.26	35.86	5 Weeks		3.26	Core	$ 35.86	$ 4.55	-$1.29	-28.35%	$ 50.05
PSG9700	NIPPLE, PIPE - GALVANIZED, 3" X 4" MIPT BOTH ENDS.	EA	55		3.25	178.75	10 Days		3.25	Core	$ 178.75	$ 7.40	-$3.95	-53.38%	$ 407.00
PSG9750	NIPPLE, PIPE - GALVANIZED, 3" X 6" MIPT BOTH ENDS.	EA	5		3.25	16.25	10 Days		3.25	Core	$ 16.25	$ 12.40	-$9.15	-73.79%	$ 62.00
PSG9760	NIPPLE, PIPE - GALVANIZED, 4" X 6" MIPT BOTH ENDS.	EA	27		3.41	92.07	10 Days		3.41	Core	$ 92.07	$ 17.30	-$13.89	-80.29%	$ 467.10
PSG9770	NIPPLE, PIPE - GALVANIZED, 4" X 8" MIPT BOTH ENDS.	EA	10		3.95	39.50	10 Days		3.95	Core	$ 39.50	$ 22.60	-$18.65	-82.52%	$ 226.00
PSG9780	NIPPLE, PIPE - GALVANIZED, 5" X 6" MIPT BOTH ENDS.	EA	5		3.25	16.25	10 Days		3.25	Core	$ 16.25	$ 12.40	-$9.15	-73.79%	$ 62.00
PSG9790	NIPPLE, PIPE - GALVANIZED, 6" X 6" MIPT BOTH ENDS.	EA	90		3.73	335.70	10 Days		3.73	Core	$ 335.70	$ 19.95	-$16.22	-81.30%	$ 1,795.50
PSG9800	NIPPLE, PIPE - GALVANIZED, 6" X 8" MIPT BOTH ENDS.	EA	55		3.95	217.25	10 Days		3.95	Core	$ 217.25	$ 24.80	-$20.85	-84.07%	$ 1,364.00
PSG9810	NIPPLE, PIPE - GALVANIZED, 8" X 8" MIPT BOTH ENDS.	EA	10		4.66	46.60	10 Days		4.66	Core	$ 46.60	$ 29.80	-$25.14	-84.36%	$ 298.00
PSG9820	NIPPLE, PIPE - GALVANIZED, 10" X 8" MIPT BOTH ENDS.	EA	1		5.50	5.50	10 Days		5.50	Core	$ 5.50	$ 35.00	-$29.50	-84.29%	$ 35.00
PSG9830	NIPPLE, PIPE - GALVANIZED, 12" X 8" MIPT BOTH ENDS.	EA	1		6.49	6.49	10 Days		6.49	Core	$ 6.49	$ 41.00	-$34.51	-84.17%	$ 41.00
PSG9840	NIPPLE, PIPE - GALVANIZED, 14" X 8" MIPT BOTH ENDS.	EA	1		7.43	7.43	10 Days		7.43	Core	$ 7.43	$ 47.00	-$39.57	-84.19%	$ 47.00
PSG9850	NIPPLE, PIPE - GALVANIZED, 16" X 8" MIPT BOTH ENDS.	EA	1		8.38	8.38	10 Days		8.38	Core	$ 8.38	$ 53.00	-$44.62	-84.19%	$ 53.00
PSG9860	NIPPLE, PIPE - GALVANIZED, 18" X 8" MIPT BOTH ENDS.	EA	1		9.32	9.32	10 Days		9.32	Core	$ 9.32	$ 59.00	-$49.68	-84.19%	$ 59.00
PSG9870	NIPPLE, PIPE - GALVANIZED, 20" X 8" MIPT BOTH ENDS.	EA	1		10.27	10.27	10 Days		10.27	Core	$ 10.27	$ 65.00	-$54.73	-84.19%	$ 65.00
PSG9880	NIPPLE, PIPE - GALVANIZED, 24" X 8" MIPT BOTH ENDS.	EA	1		11.21	11.21	10 Days		11.21	Core	$ 11.21	$ 71.00	-$59.79	-84.21%	$ 71.00
PSG9890	NIPPLE, PIPE - GALVANIZED, 30" X 8" MIPT BOTH ENDS.	EA	1		12.15	12.15	10 Days		12.15	Core	$ 12.15	$ 77.00	-$64.85	-84.21%	$ 77.00
PSG9900	NIPPLE, PIPE - GALVANIZED, 36" X 8" MIPT BOTH ENDS.	EA	1		13.09	13.09	10 Days		13.09	Core	$ 13.09	$ 83.00	-$69.91	-84.23%	$ 83.00
PSG9910	NIPPLE, PIPE - GALVANIZED, 42" X 8" MIPT BOTH ENDS.	EA	1		14.03	14.03	10 Days		14.03	Core	$ 14.03	$ 89.00	-$74.97	-84.24%	$ 89.00
PSG9920	NIPPLE, PIPE - GALVANIZED, 48" X 8" MIPT BOTH ENDS.	EA	1		14.97	14.97	10 Days		14.97	Core	$ 14.97	$ 95.00	-$80.03	-84.24%	$ 95.00
PSG9930	NIPPLE, PIPE - GALVANIZED, 54" X 8" MIPT BOTH ENDS.	EA	1		15.91	15.91	10 Days		15.91	Core	$ 15.91	$ 101.00	-$85.09	-84.25%	$ 101.00
PSG9940	NIPPLE, PIPE - GALVANIZED, 60" X 8" MIPT BOTH ENDS.	EA	1		16.85	16.85	10 Days		16.85	Core	$ 16.85	$ 107.00	-$90.15	-84.25%	$ 107.00
PSG9950	NIPPLE, PIPE - GALVANIZED, 72" X 8" MIPT BOTH ENDS.	EA	1		18.73	18.73	10 Days		18.73	Core	$ 18.73	$ 119.00	-$100.27	-84.26%	$ 119.00
PSG9960	NIPPLE, PIPE - GALVANIZED, 84" X 8" MIPT BOTH ENDS.	EA	1		20.61	20.61	10 Days		20.61	Core	$ 20.61	$ 131.00	-$110.39	-84.27%	$ 131.00
PSG9970	NIPPLE, PIPE - GALVANIZED, 96" X 8" MIPT BOTH ENDS.	EA	1		22.49	22.49	10 Days		22.49	Core	$ 22.49	$ 143.00	-$120.51	-84.27%	$ 143.00
PSG9980	NIPPLE, PIPE - GALVANIZED, 108" X 8" MIPT BOTH ENDS.	EA	1		24.37	24.37	10 Days		24.37	Core	$ 24.37	$ 155.00	-$130.63	-84.28%	$ 155.00
PSG9990	NIPPLE, PIPE - GALVANIZED, 120" X 8" MIPT BOTH ENDS.	EA	1		26.25	26.25	10 Days		26.25	Core	$ 26.25	$ 167.00	-$140.75	-84.28%	$ 167.00
PSG9995	NIPPLE, PIPE - GALVANIZED, 132" X 8" MIPT BOTH ENDS.	EA	1		28.13	28.13	10 Days		28.13	Core	$ 28.13	$ 179.00	-$150.87	-84.29%	$ 179.00
PSG9997	NIPPLE, PIPE - GALVANIZED, 144" X 8" MIPT BOTH ENDS.	EA	1		30.01	30.01	10 Days		30.01	Core	$ 30.01	$ 191.00	-$160.99	-84.29%	$ 191.00
PSG9998	NIPPLE, PIPE - GALVANIZED, 156" X 8" MIPT BOTH ENDS.	EA	1		31.89	31.89	10 Days		31.89	Core	$ 31.89	$ 203.00	-$171.11	-84.29%	$ 203.00
PSG9999	NIPPLE, PIPE - GALVANIZED, 168" X 8" MIPT BOTH ENDS.	EA	1		33.77	33.77	10 Days		33.77	Core	$ 33.77	$ 215.00	-$181.23	-84.29%	$ 215.00
PSG9900	NIPPLE, PIPE - GALVANIZED, 180" X 8" MIPT BOTH ENDS.	EA	1		35.65	35.65	10 Days		35.65	Core	$ 35.65	$ 227.00	-$191.35	-84.30%	$ 227.00
PSG9910	NIPPLE, PIPE - GALVANIZED, 192" X 8" MIPT BOTH ENDS.	EA	1		37.53	37.53	10 Days		37.53	Core	$ 37.53	$ 239.00	-$201.47	-84.30%	$ 239.00
PSG9920	NIPPLE, PIPE - GALVANIZED, 204" X 8" MIPT BOTH ENDS.	EA	1		39.41	39.41	10 Days		39.41	Core	$ 39.41	$ 251.00	-$211.59	-84.30%	$ 251.00
PSG9930	NIPPLE, PIPE - GALVANIZED, 216" X 8" MIPT BOTH ENDS.	EA	1		41.29	41.29	10 Days		41.29	Core	$ 41.29	$ 263.00	-$221.71	-84.30%	$ 263.00
PSG9940	NIPPLE, PIPE - GALVANIZED, 228" X 8" MIPT BOTH ENDS.	EA	1		43.17	43.17	10 Days		43.17	Core	$ 43.17	$ 275.00	-$231.83	-84.30%	$ 275.00
PSG9950	NIPPLE, PIPE - GALVANIZED, 240" X 8" MIPT BOTH ENDS.	EA	1		45.05	45.05	10 Days		45.05	Core	$ 45.05	$ 287.00	-$241.95	-84.31%	$ 287.00
PSG9960	NIPPLE, PIPE - GALVANIZED, 252" X 8" MIPT BOTH ENDS.	EA	1		46.93	46.93	10 Days		46.93	Core	$ 46.93	$ 299.00	-$252.07	-84.31%	$ 299.00
PSG9970	NIPPLE, PIPE - GALVANIZED, 264" X 8" MIPT BOTH ENDS.	EA	1		48.81	48.81	10 Days		48.81	Core	$ 48.81	$ 311.00	-$262.19	-84.31%	$ 311.00
PSG9980	NIPPLE, PIPE - GALVANIZED, 276" X 8" MIPT BOTH ENDS.	EA	1		50.69	50.69	10 Days		50.69	Core	$ 50.69	$ 323.00	-$272.31	-84.31%	$ 323.00
PSG9990	NIPPLE, PIPE - GALVANIZED, 288" X 8" MIPT BOTH ENDS.	EA	1		52.57	52.57	10 Days		52.57	Core	$ 52.57	$ 335.00	-$282.43	-84.31%	$ 335.00
PSG9995	NIPPLE, PIPE - GALVANIZED, 300" X 8" MIPT BOTH ENDS.	EA	1		54.45	54.45	10 Days		54.45	Core	$ 54.45	$ 347.00	-$292.55	-84.31%	$ 347.00
PSG9997	NIPPLE, PIPE - GALVANIZED, 312" X 8" MIPT BOTH ENDS.	EA	1		56.33	56.33	10 Days		56.33	Core	$ 56.33	$ 359.00	-$302.67	-84.31%	$ 359.00
PSG9998	NIPPLE, PIPE - GALVANIZED, 324" X 8" MIPT BOTH ENDS.	EA	1		58.21	58.21	10 Days		58.21	Core	$ 58.21	$ 371.00	-$312.79	-84.31%	$ 371.00
PSG9999	NIPPLE, PIPE - GALVANIZED, 336" X 8" MIPT BOTH ENDS.	EA	1		60.09	60.09	10 Days		60.09	Core	$ 60.09	$ 383.00	-$322.91	-84.31%	$ 383.00
PSG9900	NIPPLE, PIPE - GALVANIZED, 348" X 8" MIPT BOTH ENDS.	EA	1		61.97	61.97	10 Days		61.97	Core	$ 61.97	$ 395.00	-$333.03	-84.31%	$ 395.00
PSG9910	NIPPLE, PIPE - GALVANIZED, 360" X 8" MIPT BOTH ENDS.	EA	1		63.85	63.85	10 Days		63.85	Core	$ 63.85	$ 407.00	-$343.15	-84.31%	$ 407.00
PSG9920	NIPPLE, PIPE - GALVANIZED, 372" X 8" MIPT BOTH ENDS.	EA	1		65.73	65.73	10 Days		65.73	Core	$ 65.73	$ 419.00	-$353.27	-84.31%	$ 419.00
PSG9930	NIPPLE, PIPE - GALVANIZED, 384" X 8" MIPT BOTH ENDS.	EA	1		67.61	67.61	10 Days		67.61	Core	$ 67.61	$ 431.00	-$363.39	-84.31%	$ 431.00
PSG9940	NIPPLE, PIPE - GALVANIZED, 396" X 8" MIPT BOTH ENDS.	EA	1		69.49	69.49	10 Days		69.49	Core	$ 69.49	$ 443.00	-$373.51	-84.31%	$ 443.00
PSG9950	NIPPLE, PIPE - GALVANIZED, 408" X 8" MIPT BOTH ENDS.	EA	1		71.37	71.37	10 Days		71.37	Core	$ 71.37	$ 455.00	-$383.63	-84.31%	$ 455.00
PSG9960	NIPPLE, PIPE - GALVANIZED, 420" X 8" MIPT BOTH ENDS.	EA	1		73.25	73.25	10 Days		73.25	Core	$ 73.25	$ 467.00	-$393.75	-84.31%	$ 467.00
PSG9970	NIPPLE, PIPE - GALVANIZED, 432" X 8" MIPT BOTH ENDS.	EA	1		75.13	75.13	10 Days		75.13	Core	$ 75.13	$ 479.00	-$403.87	-84.31%	$ 479.00
PSG9980	NIPPLE, PIPE - GALVANIZED, 444" X 8" MIPT BOTH ENDS.	EA	1		77.01	77.01	10 Days		77.01	Core	$ 77.01	$ 491.00	-$413.99	-84.31%	$ 491.00
PSG9990	NIPPLE, PIPE - GALVANIZED, 456" X 8" MIPT BOTH ENDS.	EA	1		78.89	78.89	10 Days		78.89

Award #13 12/14/2023 Supporting Documents

Nugent Number of Items 2 Total Award Amount $ 84,864.08 Difference $$ -$15,950.92 % -15.82% $ 100,815.00

JEA Item ID	Item Description	UOM	Estimated One(1) Year Usage		Quoted Mfg. & Part Number	Quoted Unit Price	One (1) Year Proposed Bid Price	Lead Time: In Calendar Days After Receipt of Order	Minimum Order Quantity		Minimum Bid	Winner	Total Cost		Last Price Paid	Price Difference	% Difference	Last price paid total cost
PMPSU003	PUMP, SUMP, SUBMERSIBLE, CHAMPION PUMP CPWH 5V WITH VERTICAL FLOAT.	EA	95		CHAMPION PUMPS CWP5V-13	555.52	52774.4	14	12		$ 555.52	Nugent	$ 52,774.40		$ 660.00	$0.00	0.00%	$ 62,700.00
PMPSU002	PUMP, SUMP, SUBMERSIBLE, CHAMPION PUMP CPWH 5A WITH TETHERED WIDE ANGLE FLOAT.	EA	63		CHAMPION PUMPS CPW5A-13	509.36	32089.68	14	12		$ 509.36	Nugent	$ 32,089.68		$ 605.00	$0.00	0.00%	$ 38,115.00

/14/2023 Supporting Documents

1410931446-23 Appendix B - Response Workbook for Water and Wastewater Items for Capital Project Items

Vendor Name: **Ferguson Enterprises, LLC dba Ferguson Waterworks**

Total One (1) Year Proposed Bid Price: $ 1,927,519.14

Instructions: Only the approved manufacturers and part numbers specified in Column C will be accepted and no substitute products will be allowed. You must quote one of the options in Column C and indicate the item you are bidding by using the drop down box contained in each Cell within Column D. The lead-time listed in Column I must be the number of calendar days after receipt of order that JEA will receive the material, not the number of days to ship. This should be as number of days, do not quote a range. Any blanks left on the workbook will be considered to be a "no bid." Your quoted unit price must be listed in Column G. You must take the final amount located in cell H2 and transfer that total one (1) year price to the Appendix B - Response Form.

$ 1,697,165.38

JEA Item ID	Item Description	Mfg. Name & Mfg. Part Number	Quoted Mfg. & Part Number	UOM	Estimated One (1) Year Usage	Quoted Unit Price	One (1) Year Proposed Bid Price	Lead Time: In Calendar Days After Receipt of Order	Contractual Minimum Order Quantities	Last Price Paid	Total	Difference	% Difference	last years quantity	last years quantity +20%	Used YTD	usage extrapolated to 12 months and additional 20%	
ACCFL138	FLANGE PACK, 8", FLANGE FITTINGS, PACK TO INCLUDE FLANGE GASKET, BOLTS & NUTS. GASKET SHALL BE 1/8" THICK FULL FACED RED RUBBER.			Each	1	$ 22.00	$ 22.00	5 days		$ 17.90	$ 17.90	$ 4.70	26%	1		#N/A	#N/A	
ADCS0001	SEALANT, THREAD WITH TEFLON, 16 OZ., ITEM 80633, PERMATEX P/N 14D	ITW / PERMATEX 80633	ITW / PERMATEX 80633	Each	1	$ 65.00	$ 65.00	14 days		$ 20.00	$ 20.00	$ 45.00	225%	1		#N/A	#N/A	
BDMAA125	BRICK, COMMON - #2 SOLID RED BRICK, ASTEM-32, SM AND MS GRADE, PRE-STACKED & BANDED FOR FORKLIFT UNLOADING 2-1/4" X 3-1/2" X 7-3/4", SOLID BRICK ONLY, NO CORED BRICK ALLOWED	BORAL #2 SOLID/RED	BORAL #2 SOLID/RED	Each	5055	$ 1.45	$ 7,329.75	5 days	500	$ 2.25	$ 11,373.75	$ (4,044.00)	-36%	612	735	3510	5055	
BDMAA137	CEMENT, 94 LB. BAG (PORTLAND CEMENT)			Each	60	$ 15.00	$ 900.00	5 days		$ 14.00	$ 840.00	$ 60.00	7%	5	6	41	60	
BDMAA233	HARDENER, CONCRETE, PORTLAND CEMENT QUICK SOLUTION, 5 GALLON PAIL, ANTI-HYDRO OR MAHE SET			Each	18	$ 35.00	$ 630.00	14 days		$ 32.00	$ 576.00	$ 54.00	9%	1	2	#N/A	#N/A	
BDMAA241	CONCRETE MIX, 60 POUND BAG, COMPRESSIVE STRENGHT OF 4,000 PSI (28 DAY).	QUIKRETE 1101	QUIKRETE 1101	Each	408	$ 6.75	$ 2,754.00	5 days		$ 6.30	$ 2,570.40	$ 183.60	7%	36	44	283	408	
BDMAA262	ROD, CONNECTOR - 3/4", (COUPLER) ZINC PLATED.			Each	1	$ 1.75	$ 1.75	5 days	4	$ 1.50	$ 1.50	$ 0.25	17%	1		#N/A	#N/A	
BDMEE448	ROD, STEEL, ALL THREADED, 5/8" X 12', PLAIN FINISH, BT. * 10-12 FT. LENGTHS ONLY *			Each	1	$ 36.00	$ 36.00	5 days		$ 35.00	$ 35.00	$ 1.00	3%	1		#N/A	#N/A	
BDMEE460	ROD, STEEL, ALL THREADED, 3/4-10 X 12', PLAIN FINISH ****** 12-FT. LENGTHS ONLY PLEASE****** ***** 1 EACH = 12 FOOT PIECE *****			Each	68	$ 38.40	$ 2,611.20	5 days		$ 34.80	$ 2,366.40	$ 244.80	10%	105	126	47	68	
BDMEE500	SILT SCREEN - 3' X 100' ROLLS, BLACK COLOR, ROLLS TO BE STAKED EVERY 10 FT. WITH 4' STAKES. MUST COMPLY TO CURRENT DOT STANDARDS. ****1 EACH = 1 ROLL****			Each	5	$ 25.00	$ 125.00	5 days		$ 18.80	$ 94.00	$ 31.00	33%	8		#N/A	#N/A	
CLPJ0900	CLAMP, SERVICE, 2.35-2.56 (O.D.) X 1", COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED	FORD F202 (3.80-4.25) FORD F202-250-CC4-I POWERSEAL CORP. 3413ZA1CC SMITH-BLAIR INC. 313-025609-000	FORD-F202-250-CC4-I	Each	1	$ 29.40	$ 29.40	14 days		$ 20.25	$ 20.25	$ 9.15	45%	1		#N/A	#N/A	
CLPK0300	CLAMP, SERVICE, 2.38 X 1", BRONZE, COPPER TO COPPER THREAD.	FORD 570-204 MUELLER H-13420	FORD 570-204	Each	3	$ 28.60	$ 85.80	28 days		$ 29.46	$ 88.38	$ (2.58)	-3%	3		#N/A	#N/A	
CLPK6200	CLAMP, SERVICE, 2.44-2.91 (O.D.) X 1", COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED	SMITH-BLAIR INC. 313-00029109-000	SMITH-BLAIR INC. 313-00029109-000	Each	1	$ 28.50	$ 28.50	28 days		$ 22.23	$ 22.23	$ 6.27	28%	1		#N/A	#N/A	
CLPL1200	CLAMP, SERVICE, 4.74-5.63 (O.D.) X 1", COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED	FORD F202 (4.74-5.26) POWERSEAL CORP. 3413481CC	FORD F202 (4.74-5.26)	Each	1	$ 34.00	$ 34.00	28 days		$ 33.50	$ 33.50	$ 0.50	1%	1		#N/A	#N/A	
CLPL1400	CLAMP, SERVICE, 4.74-5.14 (O.D.) X 2", COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED	POWER SEAL 3413-4C x 2CC SMITH-BLAIR INC. 313-00051415-000	SMITH-BLAIR INC. 313-00051415-000	Each	1	$ 56.65	$ 56.65	28 days		$ 44.95	$ 44.95	$ 11.70	26%	1		#N/A	#N/A	
CLPL1700	CLAMP, SERVICE, 5.94 - 6.70 (O.D.) X 1", COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED	FORD F202 (5.94-6.69) SMITH-BLAIR INC. 313-68309	FORD F202 (5.94-6.69)	Each	1	$ 38.25	$ 38.25	28 days		$ 36.42	$ 36.42	$ 1.83	5%	1		#N/A	#N/A	
CLPMM200	CLAMP, SERVICE, 6.84 - 7.60 (O.D.) X 1" COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED	FORD F202 (6.84-7.60) POWERSEAL CORP. 3413680CC SMITH-BLAIR INC. 313-076009-000	FORD-F202 (6.84-7.60)	Each	84	$ 38.25	$ 3,213.00	28 days		$ 35.79	$ 3,006.36	$ 206.64	7%	84		#N/A	#N/A	
CLPMM250	SADDLE, CI0D PIPE, 6"X1 'CC' THREADS, EPDM GASKET, DUCTILE IRON BODY W/ FUSION EPOXY, STAINLESS STEEL (SS) 304 DOUBLE WIDE BAND, SS THREADED BOLTS. MIN. O.D. RANGE 6.84-7.60.	ORDER BY DESCRIPTION N/A	ORDER BY DESCRIPTION N/A	Each	50	$ 83.70	$ 4,185.00	28 days		$ 82.35	$ 4,117.50	$ 67.50	2%	293		#N/A	#N/A	
CLPMM400	CLAMP, SERVICE, 6.84 - 7.60 (O.D.) X 2", COPPER TO COPPER THREAD, SERVICE CLAMP MUST HABE THE MINIMUM O.D. RANGE NOTED	FORD F202 (6.84-7.60) POWERSEAL CORP. 3413682CC SMITH-BLAIR INC. 313-076015-000	FORD F202 (6.84-7.60)	Each	1	$ 48.85	$ 48.85	28 days		$ 43.17	$ 43.17	$ 5.68	13%	1		#N/A	#N/A	
CLPMM475	CLAMP, SERVICE, 8.54 - 10.10 (O.D.) X 2", SS, NPT, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED			EA	1	$ 120.00	$ 120.00	28 days		$ 107.54	$ 107.54	$ 12.46	12%	1		#N/A	#N/A	
CLPMN100	CLAMP, SERVICE, 8.54 - 10.10 (O.D.) X 1" COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED	FORD F202 (4.74-5.26) POWERSEAL CORP. 3413883CC SMITH-BLAIR INC. 313-00101009-000	FORD F202 (4.74-5.26)	Each	1	$ 55.70	$ 55.70	28 days		$ 44.18	$ 44.18	$ 11.52	26%	1		#N/A	#N/A	
CLPMN150	SADDLE, CI0D PIPE, 8"X1 'CC' THREADS, EPDM GASKET, DUCTILE IRON BODY W/ FUSION EPOXY, STAINLESS STEEL (SS) 304 DOUBLE WIDE BAND, SS THREADED BOLTS. MIN. O.D. RANGE 8.99-9.79. **ORDER BY DESCRIPTION**	ORDER BY DESCRIPTION N/A	ORDER BY DESCRIPTION N/A	EA	5	$ 97.80	$ 489.00	28 days		$ 96.25	$ 481.25	$ 7.75	2%	12		#N/A	#N/A	
CLPMN300	CLAMP, SERVICE, 8.54 - 10.10 (O.D.) X 2" COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED	POWERSEAL CORP. 3413882CC SMITH-BLAIR INC. 313-101015-000	SMITH-BLAIR INC. 313-101015-000	Each	1	$ 62.80	$ 62.80	28 days		$ 49.81	$ 49.81	$ 12.99	26%	1		#N/A	#N/A	
CLPMN600	CLAMP, SERVICE, 10.64 - 12.12 (O.D) X 1" COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED	POWERSEAL CORP. 3413108ICC SMITH-BLAIR INC. 313-121209-000	SMITH-BLAIR INC. 313-121209-000	Each	1	$ 62.30	$ 62.30	28 days		$ 49.42	$ 49.42	$ 12.88	26%	1		#N/A	#N/A	
CLPMN800	CLAMP, SERVICE, 10.64 - 12.12(O.D.) X 2" COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED	SMITH-BLAIR INC. 313-00121215-000	SMITH-BLAIR INC. 313-00121215-000	Each	1	$ 79.30	$ 79.30	28 days		$ 62.91	$ 62.91	$ 16.39	26%	1		#N/A	#N/A	
CLPP9000	CLAMP, SERVICE, 12.62 - 14.32 (O.D) X 1" COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED	FORD F202143BCC4 POWERSEAL CORP. 3413178ICC SMITH-BLAIR INC. 313-143209-000	FORD-F202143BCC4	Each	2	$ 75.70	$ 151.40	28 days		$ 59.28	$ 118.56	$ 32.84	28%	2		#N/A	#N/A	
CLPP3200	CLAMP, SERVICE, 12.62 - 14.32(O.D.) X 2" COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED	FORD F202143BCC7 POWERSEAL CORP. 3413128ZCC SMITH-BLAIR INC. 313-143215-000	FORD-F202143BCC7	Each	1	$ 95.05	$ 95.05	28 days		$ 75.41	$ 75.41	$ 19.64	26%	1		#N/A	#N/A	
CLPQQ012	CLAMP, SERVICE, 17.40-18.88 (O.D.) X 1", COPPER TO COPPER THREAD, DOUBLE STRAP CARBON STEEL (ELECTRO GALVANIZED) WITH DI-CHROMATE SEAL, NUTS/WASHERS DI-CHROMATE SEALED	FORD FC2021840CC4 POWERSEAL CORP. 3413161A1CC SMITH-BLAIR INC. 313-188809-000	FORD FC2021840CC4	EA	2	$ 137.25	$ 274.50	28 days		$ 111.63	$ 223.26	$ 51.24	23%					0
CLPQQ078	CLAMP, SERVICE, 17.40-18.88 (O.D.) X 2", NPT, DOUBLE STRAP, STRAPS-CARBON STEEL (ELECTRO GALVANIZED) WITH DI-CHROMATE SEAL, NUTS AND WASHERS DI-CHROMATE SEALED, SADDLE MUST HAVE MINIMUM O.D. RANGE NOTED	SMITH-BLAIR INC. 313-00188814-000	SMITH-BLAIR INC. 313-00188814-000	Each	1	$ 180.00	$ 180.00	28 days		$ 136.15	$ 136.15	$ 43.85	32%	1		#N/A	#N/A	
CLPQQ176	CLAMP, SERVICE 12" X 2" IPT, O.D. 12.75"-13.20" DOUBLE BOLT STAINLESS STEEL BAND, MUST HAVE MINIMUM O.D. RANGE NOTED	FORD FC202 (12.75-13.20) SMITH BLAIR 317-00143214-000	FORD FC202 (12.75-13.20)	EA	2	171	342.00	28 days		$ 124.47	$ 248.94	$ 93.06	37%					0
CLPQQ215	CLAMP , SERVICE 12.62 TO 14.32 O.D. RANGE X 2" NPT,DOUBLE STAINLESS STEEL STRAPS , MUST HAVE MINIMUM O.D. RANGE NOTED	SMITH BLAIR 317-00143214-000	SMITH BLAIR 317-00143214-000	EA	2	$ 160.00	$ 320.00	28 days		$ 124.47	$ 248.94	$ 71.06	29%	2		#N/A	#N/A	
ELMCM951	WIRE, TRACE, DIRECT BURY, #12 AWG HS-CCS, GREEN INSULATION, 0.03" HDPE INSULATION THICKNESS, 140-O.D., MIN. RATED BREAK LOAD 250 LBS., 30 VOLT, 219 IACS, 500 FT. REEL	COPPER HEAD INDUSTRIES SOLOSHOT-1230GHS500 PRO-LINE SAFETY PRODUCTS CO. PRO-TRACE-744120532	PRO-LINE SAFETY PRODUCTS CO. PRO-TRACE-744120532	Each	50	$ 90.00	$ 4,500.00	5 days	500 ft. This is a price pe	$ 405.85	$ 20,292.50	$ (15,792.50)	-78%	600		#N/A	#N/A	
ELMCM955	SADDLE, CI0D PIPE, 4"X1 'CC' THREADS, EPDM GASKET, DUCTILE IRON BODY W/ FUSION EPOXY, STAINLESS STEEL (SS) 304 DOUBLE WIDE BAND, SS THREADED BOLTS. MIN. O.D. RANGE 4.74 - 5.26.	COPPER HEAD INDUSTRIES SOLOSHOT-1230BHS500 PRO-LINE SAFETY PRODUCTS CO. PROTRACE-744120232	PRO-LINE SAFETY PRODUCTS CO. PROTRACE-744120232	Feet	43200	$ 0.18	$ 7,776.00	5 days	500	$ 0.13	$ 5,616.00	$ 2,160.00	38%	51000		30000	43200	
ELMCM960	WIRE, TRACE, HDD, #8 AWG EHS-CCS, BLUE INSULATION, 0.045" HDPE INSULATION THICKNESS, MIN. RATED BREAK LOAD 452 LBS., 30 VOLT, 21% IACS, 500 FT. REEL (1 EACH = 1 FOOT)	COPPER HEAD INDUSTRIES SOLOSHOT BHS80HS500 PRO-LINE SAFETY PRODUCTS CO. PROTRACE 746440232	PRO-LINE SAFETY PRODUCTS CO. PROTRACE 746440232	EA	50	$ 0.90	$ 45.00	28 days	500	$ 0.70	$ 35.00	$ 10.00	29%	600		#N/A	#N/A	
FASAA020	BOLT, EYE, 3/4" - OFFSET, NATIONAL COURSE THREAD, 8-1/2" LONG, BOLT MUST MEET ASTM A-242 SPECIFICATIONS FOR MATERIALS, HIGH STRENGTH, CORROSION RESISTANT, 839 BLACK ROLLED STEEL MINIMUM. 50 EACH PER BOX.			Each	67	$ 5.00	$ 335.00	14 days		$ 4.70	$ 314.90	$ 20.10	6%	1	2	#N/A	#N/A	
FASCD45	LUG, TIE (DUC), DUCTILE - USED WITH TIE RODS TO RESTRAIN MJ FITTINGS, LUGS MUST ACCEPT 3/4" ALL-THREAD ROD. 72,000 LB. TENSILE STRENGTH (MIN.), 50,000 LB. YIELD STRENGTH (MIN.), APPROVED MANUF. ONLY, *** NO SUBSTITUE***	ASTRAL CORPORATION 514 ROMAC INDUSTRIES DUCTILE LUG	ROMAC INDUSTRIES DUCTILE LUG	Each	72	$ 5.25	$ 378.00	28 days		$ 4.35	$ 313.20	$ 64.80	21%	189	227	50	72	
FASCC700	NUT, HEX HEAD - 3/4"-10, STANDARD GRADE, HEAVY PATTERN, NATIONAL COURSE THREAD (SO OR 100 PER BOX OR BAG)			Each	240	$ 0.85	$ 204.00	14 days		$ 0.70	$ 168.00	$ 36.00	21%	252	303	166	240	
FASCC910	WASHER, FLAT 3/4", ROUND CUT, 1/8" THICK 2" OUTSIDE DIAMETER, USS ZINC PLATED			Each	72	$ 0.40	$ 28.80	14 days	25	$ 0.35	$ 25.20	$ 3.60	14%	1	2	#N/A	#N/A	
FTGAE115	ADAPTER, BULL HEAD SERVICE 2" FIP INLET: (4) FOUR 2" FIP OUTLETS	A.Y. MCDONALD 76765 2x1 FORD Y11-474-NL	FORD Y11-474-NL	Each	6	$ 76.70	$ 460.20	168 days		$ 62.50	$ 375.00	$ 85.20	23%	4	5	4	6	
FTGAE125	WYE, BRASS NL, 2" SINGLE BRANCH W/TWO MULTI-BRANCH - 1", PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) BOTH ENDS.	FORD Y44-274-NL	FORD Y44-274-NL	Each	1	$ 110.00	$ 110.00	168 days		$ 110.00	$ 110.00	$ -	0%	1		#N/A	#N/A	
FTGAE200	BUSHING, NO LEAD BRASS - 1"CC X 3/4"CC THREAD, BUSHING TO BE USED IN SERVICE SADDLES TO REDUCE DOWN SIZE OF THREAD.	A.Y. MCDONALD 747011 1K3/4 FORD BBAA-43-NL	FORD BBAA-43-NL	Each	1	$ 13.15	$ 13.15	168 days		$ 11.70	$ 11.70	$ 1.45	12%	1		#N/A	#N/A	
FTGAE590	BUSHING, PIPE - NO LEAD BRASS 1"MIPT X 1/2"FIPT.	MERIT BRASS XNL114 1"x1/2"	MERIT BRASS XNL114 1"x1/2"	Each	1	$ 4.30	$ 4.30	14 days		$ 3.42	$ 3.42	$ 0.88	26%	1		#N/A	#N/A	
FTGAE600	BUSHING, PIPE - NO LEAD BRASS 1"MIPT X 3/4"FIPT.	MERIT BRASS XNL114 1"x3/4"	MERIT BRASS XNL114 1"x3/4"	Each	1	$ 4.30	$ 4.30	14 days		$ 3.42	$ 3.42	$ 0.88	26%	1		#N/A	#N/A	
FTGAJ797	ELL, PIPE - NO LEAD BRASS, 90 DEGREE, 2".	MERIT BRASS XNL101 2"	MERIT BRASS XNL101 2"	Each	19	$ 25.00	$ 475.00	14 days		$ 21.06	$ 400.14	$ 74.86	19%	14	17	13	19	
FTGAL705	NIPPLE, PIPE, NO-LEAD BRASS, 1-1/2" X 12"	ORDER BY DESCRIPTION OBD	ORDER BY DESCRIPTION OBD	Each	1	$ 40.00	$ 40.00	14 days		$ 33.49	$ 33.49	$ 6.51	19%	1		#N/A	#N/A	
FTGAL710	NIPPLE, PIPE - NO-LEAD BRASS 2" X CLOSE.			Each	55	$ 11.75	$ 646.25	14 days		$ 9.11	$ 501.05	$ 145.20	29%	41	50	38	55	
FTGAL715	NIPPLE, PIPE - STAINLESS 316 GRADE, 2" x CLOSE	ORDER BY DESCRIPTION OBD	ORDER BY DESCRIPTION OBD	Each	1	$ 9.00	$ 9.00	14 days		$ 8.05	$ 8.05	$ 0.95	12%	1		#N/A	#N/A	
FTGAL730	NIPPLE, PIPE - NO-LEAD BRASS, 2" X 6".			Each	5	$ 28.00	$ 140.00	14 days		$ 21.93	$ 109.65	$ 30.35	28%	5	6	3	5	
FTGAL740	NIPPLE, PIPE - NO-LEAD BRASS, 2" X 12".			Each	1	$ 55.00	$ 55.00	14 days		$ 43.23	$ 43.23	$ 11.77	27%	1		#N/A	#N/A	
FTGAN570	PLUG, PIPE, NO-LEAD BRASS, 2"	ORDER BY DESCRIPTION OBD	ORDER BY DESCRIPTION OBD	Each	29	$ 12.00	$ 348.00	14 days		$ 11.00	$ 319.00	$ 29.00	9%	3	4	20	29	
FTGAN660	PLUG, MUELLER - BRASS, 2".			EA	5	$ 54.06	$ 270.25	168 days		$ 48.48	$ 242.40	$ 27.85	11%	5		#N/A	#N/A	
FTGAR002	2" X 1" CC THREAD BRASS PACK JOINT TEE NO LEAD	FORD METER BOX COMPANY T440-774-NL	FORD METER BOX COMPANY T440-774-NL	EA	2	119	238.00	168 days		$ 123.43	$ 246.86	$ (8.86)	-4%					0
FTGAR020	TEE, PIPE - NO-LEAD BRASS, 1/4" X 1/4" X 1/4".			EA	8	3.5	28.00	14 days		$ 3.24	$ 25.92	$ 2.08	8%					0
FTGAT110	BEND, DUCTILE IRON, 4", 11-1/4 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).			Each	5	$ 57.00	$ 285.00	14 days		$ 46.20	$ 231.00	$ 54.00	23%	4	5	3	5	
FTGAT120	BEND, DUCTILE IRON, 6", 11-1/4 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).			Each	13	$ 96.00	$ 1,248.00	14 days		$ 77.15	$ 1,002.95	$ 245.05	24%	1	2	#N/A	#N/A	
FTGAT130	BEND, DUCTILE IRON, 8", 11-1/4 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).			Each	3	$ 129.00	$ 387.00	14 days		$ 104.41	$ 313.23	$ 73.77	24%	1	2	#N/A	#N/A	
FTGAT150	BEND, DUCTILE IRON, 12", 11-1/4 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).			Each	1	$ 258.00	$ 258.00	14 days		$ 208.36	$ 208.36	$ 49.64	24%	1		#N/A	#N/A	
FTGAT210	BEND, DUCTILE IRON, 4", 22-1/2 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).			Each	6	$ 60.00	$ 360.00	14 days		$ 48.05	$ 288.30	$ 71.70	25%	3	4	4	6	
FTGAT220	BEND, DUCTILE IRON, 6", 22-1/2 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).			Each	25	$ 91.00	$ 2,275.00	14 days		$ 73.46	$ 1,836.50	$ 438.50	24%	16	20	17	25	
FTGAT230	BEND, DUCTILE IRON, 8", 22-1/2 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).			Each	8	$ 142.00	$ 1,136.00	14 days		$ 115.04	$ 920.32	$ 215.68	23%	2	3	5	8	
FTGAT270	BEND, DUCTILE IRON, 16", 22-1/2 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).			Each	1	$ 589.00	$ 589.00	14 days		$ 476.78	$ 476.78	$ 112.22	24%	1		#N/A	#N/A	
FTGAT310	BEND, DUCTILE IRON, 4", 45 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).			Each	68	$ 63.00	$ 4,284.00	14 days		$ 50.82	$ 3,455.76	$ 828.24	24%	78	94	47	68	
FTGAT320	BEND, DUCTILE IRON, 6", 45 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).			Each	77	$ 100.00	$ 7,700.00	14 days		$ 80.85	$ 6,225.45	$ 1,474.55	24%	78	94	53	77	
FTGAT330	BEND, DUCTILE IRON, 8", 45 DEGREE, MECHANICAL JOINT. WITHOUT ACCESSORIES.			Each	32	$ 146.00	$ 4,672.00	14 days		$ 117.81	$ 3,769.92	$ 902.08	24%	17	21	22	32	
FTGAT350	BEND, DUCTILE IRON, 12", 45 DEGREE, MECHANICAL JOINT, WITHOUT ACCESSORIES.			Each	3	$ 314.00	$ 942.00	14 days		$ 254.10	$ 762.30	$ 179.70	24%	3		#N/A	#N/A	
FTGAT370	BEND,DUCTILE IRON,16", 45 DEGREE,MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES) , UNION, TYLER, U.S.PIPE, OR EQUAL.			Each	1	$ 614.00	$ 614.00	14 days		$ 206.25	$ 206.25	$ 407.75	198%	1		#N/A	#N/A	
FTGAT380	BEND, DUCTILE IRON, 20", 45 DEGREE, MECHANICAL JOINT.(TO BE SUPPLIED WITHOUT ACCESSORIES).			Each	1	$ 969.00	$ 969.00	14 days		$ 784.94	$ 784.94	$ 184.06	23%	1		#N/A	#N/A	
FTGAT410	BEND, DUCTILE IRON, 4", 90 DEGREE, MECHANICAL JOINT.(TO BE SUPPLIED WITHOUT ACCESSORIES).			Each	71	$ 76.00	$ 5,396.00	14 days		$ 60.98	$ 4,329.58	$ 1,066.42	25%	34	41	49	71	
FTGAT420	BEND, DUCTILE IRON, 6", 90 DEGREE, MECHANICAL JOINT.(TO BE SUPPLIED WITHOUT ACCESSORIES).			Each	51	$ 124.00	$ 6,324.00	14 days		$ 99.79	$ 5,089.29	$ 1,234.71	24%	89	107	35	51	
FTGAT425	BEND, DUCTILE IRON, 8", 90 DEGREE, FLANGED.			Each	1	$ 215.00	$ 215.00	14 days		$ 173.71	$ 173.71	$ 41.29	24%	1		#N/A	#N/A	

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FTGBK625	SLEEVE, TAPPING, 10" X 8", ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 11.40-11.80, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS			EA	2	$ 1,283.00	$ 2,566.00	28 days		$ 1,075.85	$ 2,151.70	$ 414.30	19%		2		#N/A
FTGBK630	SLEEVE, TAPPING, 10" X 10", ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 11.10-11.40, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS			Each	1	$ 2,126.00	$ 2,126.00	28 days		$ 1,708.01	$ 1,708.01	$ 417.99	24%		1		#N/A
FTGBK650	SLEEVE, TAPPING, 12" X 4", ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 13.16-13.50, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS			Each	1	$ 1,103.00	$ 1,103.00	28 days		$ 924.25	$ 924.25	$ 178.75	19%		1		#N/A
FTGBK660	SLEEVE, TAPPING, 12" X 6", ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 13.16-13.50, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS			Each	3	$ 1,213.00	$ 3,639.00	28 days		$ 1,016.85	$ 3,050.55	$ 588.45	19%		2	3	#N/A
FTGBK670	SLEEVE, TAPPING, 12" X 8", ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 13.16-13.50, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS			Each	1	$ 1,466.00	$ 1,466.00	28 days		$ 1,229.50	$ 1,229.50	$ 236.50	19%		1		#N/A
FTGBK690	SLEEVE, TAPPING, 12" X 12", ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 13.16-13.50, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS			EA	2	$ 2,751.00	$ 5,502.00	28 days		$ 2,751.00	$ 5,502.00	$ -	0%		2		#N/A
FTGBK710	SLEEVE, TAPPING, 16" X 4", ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 17.40-17.80, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS	FORD-FTS5178004	FORD FTS5178004	Each	1	$ 1,294.00	$ 1,294.00	28 days		$ 1,355.00	$ 1,355.00	$ (61.00)	-5%		1		#N/A
FTGBK720	SLEEVE, TAPPING, 16" X 6", ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 17.40-17.80 SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS	FORD FTS5178006	FORD FTS5178006	EA	3	1303	$ 3,909.00	28 days		$ 1,365.00	$ 4,095.00	$ (186.00)	-5%				
FTGBK730	SLEEVE, TAPPING, 16" X 8", ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 17.40-17.80, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS	FORD FTS5178008	FORD FTS5178008	Each	1	$ 1,656.00	$ 1,656.00	28 days		$ 1,735.00	$ 1,735.00	$ (79.00)	-5%		1		#N/A
FTGBK750	SLEEVE, TAPPING, 16" X 12", ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 17.40-17.80, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS JCM 432-1740X			Each	1	$ 3,663.00	$ 3,663.00	28 days		$ 2,900.00	$ 2,900.00	$ 763.00	26%		1		#N/A
FTGBM005	TEE, BLACK JOINT, 2" X 1" BRASS	FORD METER BOX COMPANY T441-774-NL	FORD METER BOX COMPANY T441-774-NL	Each	4	$ 145.00	$ 580.00	168 days		$ 109.88	$ 439.52	$ 140.48	32%		4		#N/A
FTGBM010	TEE, DUCTILE IRON, MECHANICAL JOINT, 4" X 4" X 4",WITHOUT ACCESSORIES.			Each	22	$ 99.00	$ 2,178.00	14 days		$ 79.93	$ 1,758.46	$ 419.54	24%		5	6	15
FTGBM030	TEE, DUCTILE IRON, MECHANICAL JOINT, 6" X 6" X 4",WITHOUT ACCESSORIES.			Each	13	$ 179.00	$ 1,969.00	14 days		$ 133.06	$ 1,463.66	$ 505.34	35%		16	20	7
FTGBM040	TEE, DUCTILE IRON, MECHANICAL JOINT, 6" X 6" X 6",WITHOUT ACCESSORIES.			Each	41	$ 193.00	$ 7,913.00	14 days		$ 143.23	$ 5,872.43	$ 2,040.57	35%		60	72	28
FTGBM060	TEE, DUCTILE IRON, MECHANICAL JOINT, 8" X 8 X 4", WITHOUT ACCESSORIES.			Each	9	$ 208.00	$ 1,872.00	14 days		$ 154.78	$ 1,393.02	$ 478.98	34%		9		#N/A
FTGBM070	TEE, DUCTILE IRON, MECHANICAL JOINT, 8" X 8" X 6", WITHOUT ACCESSORIES.			Each	8	$ 239.00	$ 1,912.00	14 days		$ 177.41	$ 1,419.28	$ 492.72	35%		1	2	#N/A
FTGBM080	TEE, DUCTILE IRON, MECHANICAL JOINT, 8" X 8" X 8",WITHOUT ACCESSORIES.			Each	6	$ 288.00	$ 1,728.00	14 days		$ 214.37	$ 1,286.22	$ 441.78	34%		6	8	4
FTGBM120	TEE, DUCTILE IRON, MECHANICAL JOINT, 10" X 10" X 10",WITHOUT ACCESSORIES.			Each	1	$ 411.00	$ 411.00	14 days		$ 305.85	$ 305.85	$ 105.15	34%		1		#N/A
FTGBM140	TEE, DUCTILE IRON, MECHANICAL JOINT, 12" X 12" X 4",WITHOUT ACCESSORIES.			Each	1	$ 389.00	$ 389.00	14 days		$ 289.68	$ 289.68	$ 99.32	34%		1		#N/A
FTGBM160	INACTIVE - TEE, DUCTILE IRON, MECHANICAL JOINT, 12" X 12" X 10",WITHOUT ACCESSORIES.			Each	1	$ 575.00	$ 575.00	14 days		$ 445.86	$ 445.86	$ 129.14	29%		1		#N/A
FTGBM170	TEE, DUCTILE IRON, MECHANICAL JOINT, 12" X 12" X 12",WITHOUT ACCESSORIES.			EA	2	$ 573.00	$ 1,146.00	14 days		$ 418.00	$ 836.00	$ 310.00	37%		2		#N/A
FTGBM190	TEE, DUCTILE IRON, MECHANICAL JOINT, 16" X 16" X 6", WITHOUT ACCESSORIES.			EA	2	798	$ 1,596.00	14 days		$ 594.60	$ 1,189.20	$ 406.80	34%		EBAA IRON 1103		
FTGBM230	TEE, DUCTILE IRON, MECHANICAL JOINT, 16" X 16" X 16",WITHOUT ACCESSORIES.			Each	1	$ 1,308.00	$ 1,308.00	14 days		$ 974.36	$ 974.36	$ 333.64	34%		1		#N/A
FTGBM270	TEE, CAST IRON, MECHANICAL JOINT, 20" X 20" X 20",WITHOUT ACCESSORIES.			Each	1	$ 1,800.00	$ 1,800.00	14 days		$ 1,140.73	$ 1,140.73	$ 459.27	34%		1		#N/A
FTGBR001	4"X1" CC THREADS FOR C900 PVC PIPE 4.50-4.80 RANGE	FORD METER BOX COMPANY FC202-480-CC4-I	FORD METER BOX COMPANY FC202-480-CC4-I	EA	169	73	$ 12,337.00	14 days		$ 72.77	$ 12,298.13	$ 38.87	0%		SIGMA SLDEP3		
FTGBR002	6"X1" CC THREADS FOR C900 PVC PIPE 6.63-6.90 RANGE	FORD METER BOX COMPANY FC202-690-CC4-I	FORD METER BOX COMPANY FC202-690-CC4-I	EA	320	84	$ 26,880.00	14 days		$ 83.66	$ 26,771.20	$ 108.80	0%		STAR PIPE PRODUCTS SGDPPK02N		
FTGBR003	8"X1" CC THREADS FOR C900 PVC PIPE 8.63-9.05 RANGE	FORD METER BOX COMPANY FC202-905-CC4-I	FORD METER BOX COMPANY FC202-905-CC4-I	EA	61	98	$ 5,978.00	14 days		$ 97.76	$ 5,963.36	$ 14.64	0%		EBAA IRON 1116		
FTGBR005	12"X1" CC THREADS FOR C900 PVC PIPE 12.75-13.20 RANGE	FORD METER BOX COMPANY FC202-1320-CC4-I	FORD METER BOX COMPANY FC202-1320-CC4-I	EA	2	$ 140.00	$ 280.00	14 days		$ 139.04	$ 278.08	$ 1.92	1%		SIGMA SSLDEP16		
FTGBR006	4"X2" CC THREADS FOR C900 PVC PIPE 4.50-4.80 RANGE	FORD METER BOX COMPANY FC202-480-CC7-I	FORD METER BOX COMPANY FC202-480-CC7-I	EA	6	$ 100.00	$ 600.00	14 days		$ 99.36	$ 596.16	$ 3.84	1%		STAR PIPE PRODUCTS SGDPPK16		
FTGBR007	6"X2" CC THREADS FOR C900 PVC PIPE 6.63-6.90 RANGE	FORD METER BOX COMPANY FC202-690-CC7-I	FORD METER BOX COMPANY FC202-690-CC7-I	EA	6	$ 104.00	$ 624.00	14 days		$ 103.08	$ 618.48	$ 5.52	1%				
FTGBY050	COUPLING, BOLTED- 1-1/2", FOR GALVANIZED PIPE (1.90 OD), STEEL CONSTRUCTION, BOLT SIZE = 1/2" DIAMETER X 7" LENGTH, COUPLING LENGTH 5", 1500 PSI MINIMUM WORKING PRESSURE	DRESSER INDUSTRIES, INC. 38 W/ARMORED GASKET SMITH BLAIR 411-00019301-015.	DRESSER INDUSTRIES, INC. 38 W/ARMORED GASKET	Each	1	$ 49.08	$ 49.08	28 days		$ 40.39	$ 40.39	$ 8.69	22%		1		#N/A
FTGBY060	COUPLING,BOLTED - 2",FOR GALVANIZED PIPE (2.375 OD), STEEL CONSTRUCTION, BOLT SIZE=5/8" DIAMETER X 8" LENGTH, COUPLING LENGTH 5", 1500 PSI MINIMUM WORKING PRESSURE, 2 BOLTS	DRESSER INDUSTRIES, INC. 38-0012-013 SMITH BLAIR 411-00023851-015	DRESSER INDUSTRIES, INC. 38-0012-013	Each	1	$ 77.96	$ 77.96	28 days		$ 64.17	$ 64.17	$ 13.79	21%		1		#N/A
FTGBY260	COUPLING BOLTLESS 2" GALVANIZED, LONG.	DRESSER INDUSTRIES, INC. STYLE 65 W/ARMORED GASKET TPS 6000-2375-150	TPS 6000-2375-150	Each	1	$ 55.75	$ 55.75	28 days		$ 39.49	$ 39.49	$ 16.26	41%		1		#N/A
FTGCA100	COUPLING, FLEXIBLE - 0" X 4", PVC/CLAY	FERNCO 1002-46	FERNCO 1002-46	EA	35	$ 16.39	$ 572.25	14 days		$ 13.13	$ 459.55	$ 112.70	25%				
FTGCA110	COUPLING, FLEXIBLE - 0" X 4", PVC/PVC.	FERNCO 1056-64	FERNCO 1056-64	EA	54	$ 16.00	$ 864.00	14 days		$ 12.84	$ 693.36	$ 170.64	25%				
FTGCA130	COUPLING, FLEXIBLE - 0" X 6", CLAY/PVC.	FTGCA130	FTGCA130	EA	18	$ 13.66	$ 245.88	14 days		$ 10.93	$ 196.74	$ 49.14	25%		1	2	#N/A
FTGCA140	COUPLING, FLEXIBLE - 0" X 6", PVC/PVC.	FERNCO 1056-66 INDIANA SEAL CO. 156-66	FERNCO 1056-66	EA	10	$ 13.66	$ 136.60	14 days		$ 10.93	$ 109.30	$ 27.30	25%		36		#N/A
FTGCA190	COUPLING, FLEXIBLE - 8" X 8", PVC/PVC.	FERNCO 1056-88	FERNCO 1056-88	EA	6	$ 20.96	$ 125.76	14 days		$ 16.82	$ 100.92	$ 24.84	25%				
FTGCE170	BUSHING, PIPE - GALVANIZED, 2" MIPT X 1" FIPT.			Each	1	$ 15.70	$ 15.70	14 days		$ 6.87	$ 6.87	$ 8.83	129%		1		#N/A
FTGCE190	BUSHING, PIPE - GALVANIZED, 2" MIPT X 1-1/2" FIPT.			Each	1	$ 12.95	$ 12.95	14 days		$ 6.03	$ 6.03	$ 6.92	115%		1		#N/A
FTGCH090	COUPLING, PIPE - GALVANIZED, 2" FIPT X 2" FIPT. MUST BE SMOOTH OUTSIDE, NO RIDGES.			Each	1	$ 7.70	$ 7.70	14 days		$ 8.80	$ 8.80	$ (1.10)	-13%		1		#N/A
FTGCL280	ELL, PIPE - GALVANIZED, 2" FIPT BOTH ENDS. 90 DEGREE.			Each	2	$ 24.00	$ 48.00	14 days		$ 10.92	$ 21.84	$ 26.16	120%		2		#N/A
FTGCN660	NIPPLE, PIPE - GALVANIZED, 2" X 3" MIPT BOTH ENDS.			Each	1	$ 8.36	$ 8.36	14 days		$ 4.25	$ 4.25	$ 4.11	97%		1		#N/A
FTGCP085	SQUARE HEAD PLUG, PIPE - GALVANIZED, 2" MIPT.			Each	3	$ 12.87	$ 38.61	14 days		$ 12.90	$ 38.70	$ (0.09)	0%		41	50	2
FTGCT120	TEE, PIPE - GALVANIZED, 2" X 2" X 2" FIPT.			Each	1	$ 33.70	$ 33.70	14 days		$ 33.70	$ 33.70	$ -	0%		1		#N/A
FTGCZ210	NO LEAD COUPLING, STRAIGHT 2", (4CD4-77), FEMALE COPPER THREAD X COMPRESSION. COMPRESSION FOR 250 PSI POLYBUTYLENE TUBING.	A.Y. MCDONALD 74755-22 2 FORD CD4-77-NL MUELLER H-15071N	FORD CD4-77-NL	Each	1	$ 94.05	$ 94.05	168 days		$ 76.65	$ 76.65	$ 17.40	23%		1		#N/A
FTGCZ320	NO LEAD COUPLING, STRAIGHT 2", COMPRESSION X COMPRESSION. FOR POLYBUTYLENE TUBING.	A.Y. MCDONALD 74758-22 2 FORD C44-77-NL MUELLER H-15403N	FORD C44-77-NL	Each	5	$ 98.23	$ 491.25	168 days		$ 80.04	$ 400.20	$ 91.05	23%		1	2	#N/A
FTGCZ410	NO LEAD COUPLING, STRAIGHT,1", MIP TO COMPRESSION, FOR POLYBUTYLENE TUBING.	A.Y. MCDONALD 74753-22 1 FORD C84-44-NL MUELLER H-15428N	FORD CB4-44-NL	Each	4	$ 18.50	$ 74.00	168 days		$ 15.07	$ 60.28	$ 13.72	23%		4		#N/A
FTGCZ430	NO LEAD COUPLING, STRAIGHT, 2", MIP TO COMPRESSION, FOR POLYBUTYLENE TUBING.	A.Y. MCDONALD 74753-22 2 FORD CB4-77-NL MUELLER H-15428N	FORD CB4-77-NL	Each	2	$ 73.80	$ 147.60	168 days		$ 60.12	$ 120.24	$ 27.36	23%		1	2	#N/A
FTGDD130	CEMENT, PVC-HEAVY DUTY,"BLUE" INDUSTRIAL GRADE CEMENT FOR SCH 80, MEDIUM BODIED FAST SET,FAST CURING. WETJOINT PVC CEMENT QUART CANS ONLY.	OATEY CO. 30894	OATEY CO. 30894	Each	1	$ 19.70	$ 19.70	14 days		$ 17.15	$ 17.15	$ 2.55	15%		1		#N/A
FTGDD210	CLEANER, PVC - PVC PIPE AND FITTING CLEANER, CHEMICAL FORMULA WHICH ALLOWS QUICK CLEANING AND RAPID EVAPORATION. E-Z WELD PIPE CLEANER OR EQUAL --- **** ONE GALLON CONTAINERS ONLY ****	EZ WELD EZ WELD 214-05 OATEY CO. 30766	OATEY CO. 30766	Gallon	1	$ 32.30	$ 32.30	14 days		$ 28.12	$ 28.12	$ 4.18	15%		1		#N/A
FTGDD310	LUBRICANT, PVC, EASE ON PIPE JOINT LUBRICANT, CONCORD CHEMICAL CO. OR ACCEPTABLE EQUAL FOR ASSEMBLY OF PUSH-ON PIPE JOINTS WITH RUBBER OR SYNTHETIC RUBBER TYPE GASKETS. **** ONE GALLON CONTAINERS ONLY ****			Gallon	119	$ 22.00	$ 2,618.00	14 days		$ 22.00	$ 2,618.00	$ -	0%		89	107	82
FTGDH650	ELL, PVC - SCH 40, 90 DEGREE, 2", SLIP X SLIP.			Each	1	$ 1.94	$ 1.94	14 days		$ 2.10	$ 2.10	$ (0.16)	-8%		1		#N/A
FTGDH685	ADAPTER, PIPE - PVC, SCH 80, 2", SLIP X MALE IRON PIPE THREAD.			Each	1	$ 11.63	$ 11.63	14 days		$ 12.50	$ 12.50	$ (0.87)	-7%		1		#N/A
FTGDH270	ELL, PVC - SCH 80, 2", 90 DEGREE, SLIP X SLIP.			Each	1	$ 4.23	$ 4.23	14 days		$ 4.55	$ 4.55	$ (0.32)	-7%		1		#N/A
FTGDQ112	BEND, PVC - SDR26, 22-1/2 DEGREE, 6", BELL X SPIGOT, SPIGOT TO BE CHAMFERED, BELL END TO BE GASKETED.			EA	58	$ 57.00	$ 3,306.00	14 days		$ 42.33	$ 2,455.14	$ 850.86	35%				
FTGDQ152	BEND, PVC - SDR26, 45 DEGREE, 6", BELL X SPIGOT, SPIGOT TO BE CHAMFERED, BELL TO BE GASKETED			EA	80	$ 28.00	$ 2,240.00	14 days		$ 23.95	$ 1,916.00	$ 324.00	17%		8	10	55
FTGDQ410	PLUG, PVC - SDR 26, 6", SLIP			EA	18	$ 34.00	$ 612.00	14 days		$ 28.78	$ 518.04	$ 93.96	18%		4	5	12
FTGDQ540	TEE, PVC - SDR26, 8" X 6", SANITARY SEWER TEE, BELL X BELL X BELL, ALL BELLS TO BE GASKETED.			EA	10	$ 94.00	$ 940.00	14 days		$ 80.26	$ 802.60	$ 137.40	17%		23		#N/A
FTGDQ630	WYE, PVC - SDR26, 8" X 8" X 6", BELL X BELL X BELL. ALL BELLS TO BE GASKETED.			EA	22	$ 99.00	$ 2,178.00	14 days		$ 85.00	$ 1,870.00	$ 308.00	16%		3	4	15
FTGDU000	TEE, PVC - DR18, 8" X 8" X 6". ALL OUT- LETS TO BE BELLED AND GASKETED, C-900, ALL FITTINGS TO BE INJECTION MOLDED.			EA	61	$ 675.00	$ 41,175.00	14 days		$ 580.85	$ 35,431.85	$ 5,743.15	16%		14	17	42
FTGDU203	RESTRAINER KIT, 3", TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. **MUST BE BOXED IN KIT FORM. **	EBAA IRON 1103 SIGMA SLDEP3 STAR PIPE PRODUCTS SGDPPK03N	SIGMA SLDEP3	EA	2	$ 41.00	$ 82.00	14 days		$ 34.45	$ 68.90	$ 13.10	19%				
FTGDU214	RESTRAINER KIT, 4", TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **	EBAA IRON 1104 SIGMA SLDEP4 STAR PIPE PRODUCTS SGDPPK04N	SIGMA SLDEP4	Each	29	$ 45.00	$ 1,305.00	14 days		$ 37.50	$ 1,087.50	$ 217.50	20%		1	2	#N/A
FTGDU226	RESTRAINER KIT, 6", TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **	EBAA IRON 1106 SIGMA SLDEP6 STAR PIPE PRODUCTS SGDPPK06N	SIGMA SLDEP6	Each	5	$ 56.00	$ 280.00	14 days		$ 46.35	$ 231.75	$ 48.25	21%		10		#N/A
FTGDU238	RESTRAINER KIT, 8", TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **	EBAA IRON 1108 SIGMA SLDEP8 STAR PIPE PRODUCTS SGDPPK08N	SIGMA SLDEP8	Each	1	$ 76.00	$ 76.00	14 days		$ 63.15	$ 63.15	$ 12.85	20%		1		#N/A
FTGDU256	RESTRAINER KIT, 12", TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **	EBAA IRON 1112 SIGMA SLDEP12 STAR PIPE PRODUCTS SGDPPK12	SIGMA SLDEP12	Each	8	$ 144.00	$ 1,152.00	14 days		$ 120.70	$ 965.60	$ 186.40	19%		1	2	#N/A
FTGDU266	RESTRAINER KIT, 16", TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **	EBAA IRON 1116 SIGMA SSLDEP16 STAR PIPE PRODUCTS SGDPPK16	SIGMA SSLDEP16	EA	3	$ 258.00	$ 774.00	14 days		$ 216.60	$ 649.80	$ 124.20	19%				
FTGDU310	CIRCLE-LOK RESTRAINER KIT, 1500 CA, FOR 4" DR 18 & DR 25 PVC, KIT TO INCLUDE MEGALUG GLAND, MJ GASKET ONLY, MJ BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **	FORD UFR-1500-4A-I SIGMA SLCEP4 STAR PIPE PRODUCTS PVCPK4004G2	SIGMA SLCEP4	Each	492	$ 52.00	$ 25,584.00	14 days		$ 43.10	$ 21,205.20	$ 4,378.80	21%		366	440	341
FTGDU315	CIRCLE-LOK RESTRAINER KIT, 1500 CA, FOR 6" DR 18 & DR 25 PVC, KIT TO INCLUDE MEGALUG GLAND, MJ GASKET ONLY, MJ BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **	FORD UFR1500-6A-I SIGMA SLCEP6 STAR PIPE PRODUCTS PVCPK4006G2	SIGMA SLCEP6	Each	752	$ 65.00	$ 48,880.00	14 days		$ 53.95	$ 40,570.40	$ 8,309.60	20%		1010	1212	522
FTGDU320	CIRCLE-LOK RESTRAINER KIT, 1500 CA, FOR 8" DR 18 & DR 25 PVC, KIT TO INCLUDE MEGALUG GLAND, MJ GASKET ONLY, MJ BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **	FORD UFR-1500-8A-I SIGMA SLCEP8 STAR PIPE PRODUCTS PVCPK4008G2	SIGMA SLCEP8	Each	168	$ 87.00	$ 14,616.00	14 days		$ 72.80	$ 12,230.40	$ 2,385.60	20%		224	269	116
FTGDU325	CIRCLE-LOK RESTRAINER KIT, 1500 CA, FOR 10" DR 18 & DR 25 PVC, KIT TO INCLUDE MEGALUG GLAND, MJ GASKET ONLY, MJ BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **	SIGMA SLCEP10 STAR PIPE PRODUCTS PVCPK4010G2	SIGMA SLCEP10	Each	1	$ 151.00	$ 151.00	14 days		$ 126.80	$ 126.80	$ 24.20	19%		1		#N/A
FTGDU330	CIRCLE-LOK RESTRAINER KIT, 1500 CA, FOR 12" DR 18 & DR 25 PVC, KIT TO INCLUDE MEGALUG GLAND, MJ GASKET ONLY, MJ BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **	SIGMA SLCEP12 STAR PIPE PRODUCTS PVCPK4012G2	SIGMA SLCEP12	Each	54	$ 159.00	$ 8,586.00	14 days		$ 133.10	$ 7,187.40	$ 1,398.60	19%		54		#N/A
FTGDU335	CIRCLE-LOK RESTRAINER KIT, 1500 CA, FOR 16" DR 18 & DR 25 PVC, KIT TO INCLUDE MEGALUG GLAND, MJ GASKET ONLY, MJ BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **	SIGMA SLCEP16 STAR PIPE PRODUCTS PVCPK4016N	SIGMA SLCEP16	Each	9	$ 327.00	$ 2,943.00	14 days		$ 274.25	$ 2,468.25	$ 474.75	19%		1	2	#N/A

ITGDW400	RESTRAINER, SPLIT GLAND, 4" - RESTRAINER FOR C-900 PVC PIPE. USED TO RESTRAIN MJ FITTINGS TO PVC PIPE. 360 DEGREE PIPE SUPPORT.	SIGMA PWM-C4 STAR PIPE PRODUCTS PRC1004G2 UNIFLANGE UFR 1300-C-4-1	SIGMA PWM-C4	Each	1	$ 32.00	$ 32.00	14 days		$ 26.60	$ 26.60	$ 5.40	20%		1		#N/A					
ITGDW500	RESTRAINER, SPLIT GLAND, 6" - RESTRAINER FOR C-900 PVC PIPE. USED TO RESTRAIN MJ FITTINGS TO PVC PIPE. 360 DEGREE PIPE SUPPORT.	SIGMA PWMC6 STAR PIPE PRODUCTS PRC1006G2	SIGMA PWMC6	Each	10	$ 39.00	$ 390.00	14 days		$ 32.70	$ 327.00	$ 63.00	19%		58		#N/A					
ITGDW600	RESTRAINER, SPLIT GLAND, 8" - RESTRAINER FOR C-900 PVC PIPE. USED TO RESTRAIN MJ FITTINGS TO PVC PIPE. 360 DEGREE PIPE SUPPORT.	SIGMA PWM-C8 STAR PIPE PRODUCTS PRC1008	SIGMA PWM-C8	Each	1	$ 65.00	$ 65.00	14 days		$ 54.50	$ 54.50	$ 10.50	19%		1		#N/A					
ITGDW970	RESTRAINER, SPLIT GLAND, 10" - RESTRAINER FOR C-900 PVC PIPE. USED TO RESTRAIN MJ FITTINGS TO PVC PIPE. 360 DEGREE PIPE SUPPORT.	SIGMA PWM-C10 STAR PIPE PRODUCTS PRC1010G2 UNIFLANGE 1300C	SIGMA PWM-C10	Each	1	$ 110.00	$ 110.00	14 days		$ 93.18	$ 93.18	$ 16.82	18%		1		#N/A					
ITGDY000	RESTRAINER, SPLIT GLAND, 12" - RESTRAINER FOR C-900 PVC PIPE. USED TO RESTRAIN MJ FITTINGS TO PVC PIPE. 360 DEGREE PIPE SUPPORT.	SIGMA PWMC12 STAR PIPE PRODUCTS PRC1012	SIGMA PWMC12	Each	1	$ 117.00	$ 117.00	14 days		$ 99.67	$ 99.67	$ 17.33	17%		1		#N/A					
ITGDY060	RESTRAINER, SPLIT GLAND, 16" - RESTRAINER FOR C-900 PVC PIPE. USED TO RESTRAIN MJ FITTINGS TO PVC PIPE. 360 DEGREE PIPE SUPPORT.	SIGMA PWM-C16 STAR PIPE PRODUCTS PRC1016 UNIFLANGE 1300C	SIGMA PWM-C16	Each	1	$ 247.00	$ 247.00	14 days		$ 211.01	$ 211.01	$ 35.99	17%		1		#N/A					
ITGDY080	RESTRAINER, FLANGE 8" TO BE USED FOR RESTRAINING BELL JOINTS OF C-900 PIPE.	FORD 1390C SIGMA PWP-C8 STAR PIPE PRODUCTS PRC1108	SIGMA PWP-C8	Each	68	$ 106.00	$ 7,208.00	14 days		$ 88.40	$ 6,011.20	$ 1,196.80	20%		132	159	47					
ITGDY100	RESTRAINER, FLANGE 12" TO BE USED FOR RESTRAINING BELL JOINTS OF C-900 PIPE	SIGMA PWP-C12 STAR PIPE PRODUCTS PRC1112	SIGMA PWP-C12	Each	8	$ 201.00	$ 1,608.00	14 days		$ 168.15	$ 1,345.20	$ 262.80	20%		36	44	5					
ITGDY120	RESTRAINER, FLANGE 20" TO BE USED FOR RESTRAINING BELL JOINTS OF C-900 PIPE	FORD 1390C SIGMA PWP-C20 STAR PRC1120	SIGMA PWP-C20	Each	1	$ 812.00	$ 812.00	14 days		$ 681.90	$ 681.90	$ 130.10	19%		1		#N/A					
ITGDY200	RESTRAINER, UNIFLANGE 6", USED TO RESTRAIN PVC DR18 FITTINGS TO 6" C-900 PIPE.	FORD UFR1365-C-6-I SIGMA PWPFC6	SIGMA PWPFC6	Each	1	$ 68.00	$ 68.00	14 days		$ 59.70	$ 59.70	$ 8.30	14%		1		#N/A					
ITGDY504	SERIES 1390 PIPE RESTRAINER FOR DUCTILE IRON PIPE, 4", TO COME COMPLETE WITH THE FOLLOWING ITEMS, TWO CLAMPING RINGS, FOUR BOLTS & NUTS, THREADED RODS & NUTS.			Each	192	$ 51.00	$ 9,792.00	14 days		$ 42.20	$ 8,102.40	$ 1,689.60	21%		149	179	133					
ITGDY506	PIPE RESTRAINER FOR DUCTILE IRON PIPE, 6", TO COME COMPLETE WITH THE FOLLOWING ITEMS, TWO CLAMPING RINGS, FOUR BOLTS & NUTS, THREADED RODS & NUTS.			Each	291	$ 63.00	$ 18,333.00	14 days		$ 52.85	$ 15,379.35	$ 2,953.65	19%		366	440	202					
ITGDY620	1500 CA MEGA LUG KIT, TO FIT 20" DR -18 PVC PIPE, KIT TO INCLUDE - MEGA LUG GLAND, M.J. RUBBER GASKET, M.J. BOLTS & NUTS. MUST BE BOXED IN KIT FORM.			Each	1	$ 486.00	$ 486.00	14 days		$ 407.65	$ 407.65	$ 78.35	19%		1		#N/A					
ITGEE003	TPS TX3 WIDE RANGE COUPLING, EPOXY COATED, TWO BOLT SYSTEM SUITABLE FOR DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC - OD 3.10-4.20	TPS TX3-0420-0000-000 TPS TX3-0420-0000-000	TPS TX3-0420-0000-000	EA	3	$ 295.00	$ 885.00	14 days		$ 170.40	$ 511.20	$ 373.80	73%									
ITGEE005	COUPLING, 3" HYMAX, RANGE 3.46-4.33 EACH SIDE, FITS AC, DI, CI, PVC HDPE - LENGTH 8.7" - EPOXY COATED-WATER/SEWER APPLICATIONS - 2 EACH STAINLESS STEEL BOLTS (ON EACH END) STAB TYPE INSTALLATION (NO DISASSEMBLY REQUIRED)	HYMAX B60-54-0088-16 HYMAX B60-54-0088-16	HYMAX B60-54-0088-16	Each	1	$ 199.00	$ 199.00	14 days		$ 168.69	$ 168.69	$ 30.31	18%		1		#N/A					
ITGEE040	HYMAX WIDE RANGE COUPLING EPOXY COATED, TWO BOLT SYSTEM SUITABLE FOR DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC - OD 6.60-7.60	HYMAX B60-54-0163-16 (HYMAX) HYMAX B60-54-0163-16 (HYMAX)	HYMAX B60-54-0163-16 (HYMAX)	EA	2	$ 338.00	$ 676.00	14 days		$ 277.54	$ 555.08	$ 120.92	22%									
ITGEE620	SLEEVE, DUCTILE IRON, 6", MECHANICAL JOINT, 10-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES), UNION, TYLER, US PIPE, OR EQUAL			Each	1	$ 372.00	$ 372.00	14 days		$ 299.89	$ 299.89	$ 72.11	24%		1		#N/A					
ITGEE640	SLEEVE, DUCTILE IRON, 8", MECHANICAL JOINT, 10-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES), UNION, TYLER, US PIPE, OR EQUAL			EA	2	$ 544.00	$ 1,088.00	14 days		$ 438.91	$ 877.82	$ 210.18	24%		2		#N/A					
ITGEE680	SLEEVE, DUCTILE IRON, 12", MECHANICAL JOINT, 10-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES), UNION, TYLER, US PIPE, OR EQUAL			EA	2	$ 844.00	$ 1,688.00	14 days		$ 681.25	$ 1,362.50	$ 325.50	24%		2		#N/A					
ITGMI001	6" MJ CONNECTOR "FOOTER ADAPTER" W/ MJ ACCESSORY KIT	SIGMA DMCPEP4 SIGMA DMCPEP4	SIGMA DMCPEP4	EA	3	$ 107.00	$ 321.00	14 days		$ 79.85	$ 239.55	$ 81.45	34%									
HYDAA150	EXTENSION, FIRE HYDRANT, 12", FOR AMERICAN DARLING MARK 73 HYDRANT. 4-1/2" & 6-HEX & 8-BOLT, 5-1/4" VALVE OPENING W/STAINLESS STEEL BOLTS.	AMERICAN DARLING B05S960 AMERICAN DARLING B05S960	AMERICAN DARLING B05S960	EA	2	$ 555.00	$ 1,110.00	14 days		$ 440.00	$ 880.00	$ 230.00	26%									
HYDEE190	HYDRANT, FIRE, 5 1/4" VALVE OPENING, 3' BURY DEPTH, SUPPLIED W/O ACCESSORIES, YELLOW, 1-1/2" PENTAGON (5-SIDED) OPERATING NUTS, OPEN LEFT, ASSEMBLY NUTS AND BOLTS SHALL BE 304 STAINLESS STEEL, HYDRANTS MUST BE FORKLIFT ACCESSIBLE.	AMERICAN FLOW CONTROL B-84-B AVK 2780 - 3' M & H 129TY - 3' M&H 129TYKL - 3' MUELLER A-423 - 3' US PIPE MET M94 - 3'	AMERICAN FLOW CONTROL B-84-B	Each	1	$ 2,872.00	$ 2,872.00	28 days		$ 2,285.60	$ 2,285.60	$ 586.40	26%		1		#N/A					
HYDEE200	HYDRANT, FIRE, 5 1/4" VALVE OPENING, 3-1/2' BURY DEPTH, SUPPLIED W/O ACCESSORIES, YELLOW, 1 1/2" PENTAGON (5-SIDED) OPERATING NUTS, OPEN LEFT, ASSEMBLY NUTS AND BOLTS SHALL BE 304 STAINLESS STEEL, HYDRANTS MUST BE FORKLIFT ACCESSIBLE.	AMERICAN FLOW CONTROL B-84-B - 3-1/2' AVK 2780 - 3 1/2' M & H 129TY - 5-1/4" X 3-1/2' M&H 129TYKL - 5-1/4 X 3-1/2 MUELLER A423 - 3-1/2' US PIPE MET M94 - 3 - 1/2'	AMERICAN FLOW CONTROL B-84-B - 3-1/2'	Each	29	$ 2,942.00	$ 85,318.00	14 days		$ 2,246.75	$ 65,155.75	$ 20,162.25	31%		36	44	20					
HYDEE210	HYDRANT, FIRE, 5 1/4" VALVE OPENING, 4' BURY DEPTH, SUPPLIED W/O ACCESSORIES, YELLOW, 1-1/2" PENTAGON (5-SIDED) OPERATING NUTS, OPEN LEFT, ASSEMBLY NUTS AND BOLTS SHALL BE 304 STAINLESS STEEL, HYDRANTS MUST BE FORKLIFT ACCESSIBLE.	AMERICAN FLOW CONTROL B-84-B - 4' AVK 2780 - 4' M & H 129 - 5-1/4" X 4' M&H 129TYKL - 5-1/4" X 4' MUELLER A-423 - 4' US PIPE MET M94 - 4'	AMERICAN FLOW CONTROL B-84-B - 4'	Each	1	$ 3,012.00	$ 3,012.00	14 days		$ 2,300.25	$ 2,300.25	$ 711.75	31%		1		#N/A					
HYDEE220	HYDRANT, FIRE, 5 1/4" VALVE OPENING, 4-1/2' BURY DEPTH, SUPPLIED W/O ACCESSORIES, YELLOW, 1-1/2" PENTAGON (5-SIDED) OPERATING NUTS, OPEN LEFT, ASSEMBLY BOLTS AND NUTS SHALL BE 304 STAINLESS STEEL, HYDRANTS MUST BE FORKLIFT ACCESSIBLE.	AMERICAN FLOW CONTROL B-84-B - 4.5' AVK 2780 - 4.5' M & H 129 - 5-1/4" X 4.5' M&H 129TYKL - 5-1/4" X 4.5' MUELLER A-423 - 4.5' US PIPE MET M94 - 4.5'	AMERICAN FLOW CONTROL B-84-B - 4.5'	Each	1	$ 3,082.00	$ 3,082.00	28 days		$ 2,452.75	$ 2,452.75	$ 629.25	26%		1		#N/A					
JANBL001	BLEACH, CHLORINE, 5% - 5.25%, 1 GALLON BOTTLE, (E P/CASE)	AROCEP AR110001 AROCEP AR110001	AROCEP AR110001	Each	1	$ 53.12	$ 53.12	28 days		$ 8.00	$ 8.00	$ 45.12	564%		1		#N/A					
LBRAA310	GREASE CUTTING	MUELLER 88366 MUELLER 88366	MUELLER 88366	Each	1	$ 35.00	$ 35.00	28 days		$ 20.59	$ 20.59	$ 14.41	70%		1		#N/A					
LUBGR151	GREASE, SILICONE LUBRICANT, DOW CORNING 111 COMPOUND, 3.3 OZ. TUBE. "O" RING COMPOUND, SPL FOR GASKETS & ADJACENT EXPOSED METAL SURFACES.	DOW CORNING 4109788 DOW CORNING 4109788	DOW CORNING 4109788	Each	1	$ 125.00	$ 125.00	28 days		$ 16.85	$ 16.85	$ 108.15	642%		1		#N/A					
LUGD0001	LUG, DIRECT BURY, YELLOW, 50 VOLTS, FOR USE WITH UTILITY TRACER LINERS, NO NEED TO CUT MAIN LINE. FOR USE BY LOCATORS.	DRYCONN 90120 DRYCONN 90120	DRYCONN 90120	Each	6	$ 47.10	$ 282.60	14 days		$ 14.35	$ 86.10	$ 196.50	228%		6		#N/A					
MHLAA004	BASE, MANHOLE HOLE ANGLE 0 DEGREE, 90 DEGREE, 180 DEGREE, 270 DEGREE, 12" HOLES, 2 FT HEIGHT,CONCRETE COATED WITH CON-SEAL(CS)-55 OR EQUAL, TONGUE & GROOVE ONLY. 7 DEGREE ANGLE ON JOINTS - NO SUBSTITUTE	AMERICAN PRECAST STRUCTURES BY DESCRIPTION HANSON PIPE BY DESCRIPTION STANDARD PRECAST BY DESCRIPTION AMERICAN PRECAST STRUCTURES BY DESCRIPTION	AMERICAN PRECAST STRUCTURES BY DESCRIPTION	Each	25	$ 3,115.00	$ 77,875.00	28 days		$ 1,897.00	$ 47,425.00	$ 30,450.00	64%		14	17	17					
MHLAA090	CONE, MANHOLE, 2 FT., 2 FT. HEIGHT, 4 FT. BASE, 2 FT. 8 IN. TOP, COATED WITH CON-SEAL(CS)-55 OR EQUAL *- CONES TO HAVE MALE TYPE TONGUE & GROOVE ONLY, 7 DEGREE ANGLE JOINTS	AMERICAN PRECAST STRUCTURES BY DESCRI HANSON PIPE BY DESCRIPTION STANDARD PRECAST BY DESCRIPTION AMERICAN PRECAST STRUCTURES BY DESCRI	AMERICAN PRECAST STRUCTURES BY DESCRI	Each	6	$ 1,580.00	$ 9,480.00	28 days		$ 1,062.00	$ 6,372.00	$ 3,108.00	49%		5	6	4					
MHLAA100	COUPLING, MANHOLE 6" - PVC COUPLING FOR SDR26 PIPE, PIPE LENGTH MIN. 8 INCHES, COUPLING TO HAVE EXTERIOR EPOXY BONDED AGGREGATE TEXTURIZED TO ADHERE TO THE PVC COUPLING, EXTERIOR AGGREGATE TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES			Each	3	$ 46.00	$ 138.00	14 days		$ 38.65	$ 115.95	$ 22.05	19%		3		#N/A					
MHLAA110	COUPLING, MANHOLE 8", PVC COUPLING FOR SDR26 PIPE, PIPE LENGTH MIN. 8" COUPLING TO HAVE PERMANENT EXTERIOR EPOXY BONDED AGGREGATE TEXTURIZED TO ADHERE TO THE PVC COUPLING EXTERIOR AGGREGATED TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES.			Each	9	$ 51.00	$ 459.00	14 days		$ 43.15	$ 388.35	$ 70.65	18%		8	10	6					
MHLAA142	COUPLING, MANHOLE, 6", PVC COUPLING FOR DR18 PIPE, PIPE LENGTH MIN 8", COUPLING TO HAVE PERMANENT EXTERIOR EPOXY BONDED AGGREGATE TEXTURIZED TO ADHERE TO THE COUPLING, COUPLING TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES.			EA	6	$ 125.00	$ 750.00	14 days		$ 90.00	$ 540.00	$ 210.00	39%									
MHLAA145	COUPLING, MANHOLE, 8", PVC COUPLING FOR DR18 PIPE, COUPLING TO HAVE PERMANENT EXTERIOR EPOXY BONDED AGGREGATE TEXTURIZED TO ADHERE COUPLING, COUPLING TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES. NO ASBESTOS COUPLINGS ALLOWED SELLED X B			EA	47	210	$ 9,870.00	14 days		$ 160.00	$ 7,520.00	$ 2,350.00	31%									
MHLAA155	COVER AND FRAME, MANHOLE,(ASSEMBLED) W/NEOPRENE GASKET 60 DUROMETER AND PROTECTIVE SKIRT, COVER TO HAVE NEW JEA LOGO JEA STANDARD PLATE-S-1, **U.S. FOUNDRY & MFG. OR EAST JORDAN IRON WORKS INC. **	EAST JORDAN 00116122A01 U.S. FOUNDRY 8140149 EAST JORDAN 00116122A01	EAST JORDAN 00116122A01	Each	15	$ 575.00	$ 8,625.00	28 days		$ 495.05	$ 7,425.75	$ 1,199.25	16%		14	17	10					
MHLAA180	TOP, SLAB MANHOLE (FLAT TOP),8" THICK, 58" WIDTH W/KEYWAY, TONGUE & GROOVE, 32" HOLE OFFSET, ALL SURFACES OTHER THAN JOINING SURFACES TO BE COATED WITH CON-SEAL (CS)-55 (OR EQUAL) TOP TO HAVE MALE TONGUE & GROOVE			EA	18	1125	$ 20,250.00	28 days		$ 722.00	$ 12,996.00	$ 7,254.00	56%									
MHLAA240	SEALANT, JOINT, MANHOLE (RAM NEK),20 PCS PER BOX, EACH PIECE TO BE 1-1/2" WIDTH X 3-1/2" LENGTH, DENSITY OF SEALANT TO BE A MINIMUM OF 22.5 CUBIC INCH PER LINEAL FT. SELANT TO BE PACKAGED 20 PIECES PER BOX. RAM NEK, CONSEAL, GUILF STATES AS			Each	19	$ 80.00	$ 1,520.00	14 days		$ 71.50	$ 1,358.50	$ 161.50	12%		9	11	13					
MTEAC010	COUPLING, METER, 5/8" X 1/2" MIP OUTLET, CONSISTING OF HEX TO BARREL, NO LEAD BRONZE CONSTRUCTED, LENGTH OF 2-3/8"	A.Y. MCDONALD 74620 5/8X1/2X2.38 FORD C38-11-2-375-NL MUELLER H-10896N FORD C38-11-2-375-NL	FORD C38-11-2-375-NL	Each	1	$ 8.95	$ 8.95	168 days		$ 7.30	$ 7.30	$ 1.65	23%		1		#N/A					
MTEAC020	COUPLING, METER, 3/4" X 3/4" MIP OUTLET, CONSISTING OF HEX TO BARREL, NO LEAD BRONZE CONSTRUCTED. LENGTH OF 2-1/2".	A.Y. MCDONALD 74620 3/4X3/4X2.50 FORD C38-23-2-5-NL MUELLER H-10896N FORD C38-23-2-5-NL	FORD C38-23-2-5-NL	Each	1	$ 10.15	$ 10.15	168 days		$ 8.03	$ 8.03	$ 2.12	26%		1		#N/A					
MTEAC030	COUPLING, METER, 1" X 1" MIP OUTLET, CONSISTING OF HEX TO BARREL, NO LEAD BRONZE CONSTRUCTED, LENGTH OF 2-5/8".	A.Y. MCDONALD 74620 1X1X2.63 FORD C38-44-2-625-NL MUELLER H-10896N FORD C38-44-2-625-NL	FORD C38-44-2-625-NL	Each	1	$ 15.65	$ 15.65	168 days		$ 12.72	$ 12.72	$ 2.93	23%		1		#N/A					
MTEAC050	COUPLING, METER, 2" X 2" MIP OUTLET, CONSISTING OF HEX TO BARREL, NO LEAD BRONZE CONSTRUCTED, LENGTH OF 3-1/16".	A.Y. MCDONALD 74620 2X2X3.00 FORD C38-77-3-0625-NL FORD C38-77-3-0625-NL	FORD C38-77-3-0625-NL	Each	1	$ 60.20	$ 60.20	168 days		$ 49.06	$ 49.06	$ 11.14	23%		1		#N/A					
MTEAC080	NO LEAD CONSTRUCTED COUPLING, METER, STRAIGHT, 3/4" X 1", MALE IRON PIPE THREAD	A.Y. MCDONALD 74620 3/4X1X2.50 FORD METER BOX COMPANY C38-24-2-5-NL FORD METER BOX COMPANY C38-24-2-5-NL	FORD METER BOX COMPANY C38-24-2-5-NL	Each	26	$ 15.80	$ 410.80	168 days		$ 12.50	$ 325.00	$ 85.80	26%		1	2	#N/A					
MTEB8020	NO LEAD CONSTRUCTED RESETTER,5/8"XOD/8"X 9". MUST BE HORIZONTAL WITH LOCK WING STOP	A.Y. MCDONALD 718-109LX FORD V41-9W-NL MUELLER H-14411BN FORD V41-9W-NL	FORD V41-9W-NL	Each	1	$ 90.85	$ 90.85	168 days		$ 73.03	$ 73.03	$ 17.82	24%		1		#N/A					
MTEBC107	WASHER, METER 5/8",RUBBER (METER GASKET) 1/8" THICK X 15/16" OVERALL DIAMETER RUBBER WASHERS ONLY. SIZE MUST BE EXACT. ***** NO SUBSTITUTE ***** *** PACKAGE 100 EACH PER BOX ***			Each	1	$ 0.12	$ 0.12	14 days		$ 0.12	$ 0.12	$ -	0%		1		#N/A					
MTEBC119	WASHER, METER 3/4",RUBBER (METER GASKET) 1/8" THICK X 1-5/32" OUTSIDE DIAMETER RUBBER WASHERS ONLY. SIZE MUST EXACT. ***** NO SUBSTITUTE ***** *** PACKAGE 100 EACH PER BOX ***			Each	1	$ 0.25	$ 0.25	14 days		$ 0.25	$ 0.25	$ -	0%		1		#N/A					
MTEBC124	WASHER, METER 1", RUBBER (METER GASKET), 1/8" THICK X 1-1/2" OVERALL DIAMETER RUBBER WASHERS ONLY. SIZE MUST BE EXACT. ***** NO SUBSTITUTE ***** *** PACKAGE 100 EACH PER BOX ***			Each	1	$ 0.20	$ 0.20	14 days		$ 0.20	$ 0.20	$ -	0%		1		#N/A					
MTECC010	BOX, METER - POLYMER CONCRETE METER BOX, TAPERED WALL, A - 8 LOAD RATING, 17,360 LBS MINIMUM FAILURE RATE, 12" DEPTH. (37 SERIES)	GLASMASTERS WBS1118J2-140 GLASMASTERS WBS1118J2-140	GLASMASTERS WBS1118J2-140	Each	1	$ 87.30	$ 87.30	28 days		$ 76.65	$ 76.65	$ 10.65	14%		1		#N/A					
MTECC020	BOX, METER - POLYMER CONCRETE METER BOX, TAPERED WALL, A - 8 LOAD RATING, 17,360 LBS MINIMUM FAILURE RATE, 12" DEPTH. (SS SERIES)	GLASMASTERS WBS1527-141 GLASMASTERS WBS1527-141	GLASMASTERS WBS1527-141	Each	24	$ 143.60	$ 3,446.40	14 days		$ 126.25	$ 3,030.00	$ 416.40	14%		18	22	16					
MTECC035	BOX, METER - POLYMER CONCRETE METER BOX, STRAIGHT WALL, A-8 LOAD RATING, 17,360 LBS MINIMUM FAILURE RATE, 12" DEPTH. (37 SERIES)	GLASMASTERS R1118J2S2N12-1 GLASMASTERS WBS1118J2-100 PENTEK AUCH81118J2JEA SOUTHERN METER BOX INC. P.H.17BOX GLASMASTERS WBS1118J2-100	GLASMASTERS WBS1118J2-100	Each	97	$ 72.89	$ 7,066.45	14 days		$ 60.75	$ 5,892.75	$ 1,173.70	20%		102	123	67					
MTECC430	TOP, METER BOX-POLYMER CONCRETE TOP, FOR SERIES 37 METER BOX, A-8 LOAD RATING, SOLID TOP WITH (TWO) 2" TRPL PRE-DRILLED HOLE AND JEA LOGO. 18-1/8" LENGTH X 11-1/4" WIDTH X 1-3/4" THICK, NO READ LID.	GLASMASTERS WCS1118D2-101-DTR PENTEK AUCHC1118J2JEA SOUTHERN METER BOX INC. P2817LID GLASMASTERS WCS1118D2-101-DTR	GLASMASTERS WCS1118D2-101-DTR	Each	97	$ 36.10	$ 3,501.70	14 days		$ 30.25	$ 2,934.25	$ 567.45	19%		93	112	67					
MTECC435	TOP, METER BOX-POLYMER CONCRETE TOP, FOR SERIES 37 METER BOX, A-8 LOAD RATING, SOLID TOP WITH (ONE) 2" TRPL PRE-DRILLED HOLE AND JEA LOGO. 18-1/8" LENGTH X 11-1/4" WIDTH X 1-3/4" THICK, NO READ LID.	GLASMASTERS WCS1118D2-101-TR GLASMASTERS WCS1118D2-101-TR	GLASMASTERS WCS1118D2-101-TR	Each	1	$ 42.35	$ 42.35	28 days		$ 36.87	$ 36.87	$ 5.48	15%		1		#N/A					
MTECC483	TOP, METER BOX, POLYMER, TOP TO HAVE (ONE) 2" TRPL HOLE. A-8 LOAD RATING, (SS SERIES)	GLASMASTERS WCS1527D2-101-TR GLASMASTERS WCS1527D2-101-TR	GLASMASTERS WCS1527D2-101-TR	Each	1	$ 95.20	$ 95.20	28 days		$ 84.61	$ 84.61	$ 10.59	13%		1		#N/A					

MTECC494	TOP, METER BOX, POLYMER, TOP (TWO) 2" TRPL HOLES, A-B LOAD RATING, (65 SERIES)	GLASMASTERS WCS152702-101-DTR	GLASMASTERS WCS152702-101-DTR	Each	21	$ 95.20	$ 1,999.20	14 days		$ 81.90	$ 1,719.90	$ 279.30	16%		16	20	14
PNTAA064	PAINT, MARKING, UPSIDE-DOWN, A.P.W.A. BLUE, 20 OZ. AEROSOL CAN, CAN MUST FIT KRYLON SPRAY WAND #KRY7000, NON-CLOGGING, WATER-BASED PAINT	GRAINGER 38EL35 RUSTOLEUM 203031	RUSTOLEUM 203031	Each	1	$ 6.00	6.00	14 days		$ 4.47	4.47	1.53	34%		1		#N/A
PPEDU040	PIPE, DUCTILE IRON, 4", SLIP JOINT, PRESSURE CLASS 150 MINIMUM , 18 FOOT LENGTHS MINIMUM			EA	346	52.95	$ 18,320.70	28 days		$ 39.15	$ 13,545.90	$ 4,774.80	35%				
PPEDU060	PIPE, DUCTILE IRON, 6", SLIP JOINT, PRESSURE CLASS 150 MINIMUM , 18 FOOT LENGTHS MINIMUM			FT	87	$ 36.20	$ 3,149.40	28 days		$ 26.80	$ 2,331.60	$ 817.80	35%		72	87	60
PPEDU120	PIPE, DUCTILE IRON, 12", SLIP JOINT, PRESSURE CLASS 150 MINIMUM , 18 FOOT LENGTHS MINIMUM			Feet	144	$ 73.10	$ 10,526.40	28 days		$ 54.05	$ 7,783.20	$ 2,743.20	35%		1	2	#N/A
PPEGV124	PIPE, GALVANIZED 1-1/2", THREADED & COUPLED, 21 FT LENGTHS			Feet	1	$ 7.06	$ 7.06	14 days		$ 6.35	$ 6.35	$ 0.71	11%		1		#N/A
PPEPV030	INACTIVE ONCE DEPLETED - PIPE, PVC, **EAGLE LOC**, DR18 - 4", 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.	JM EAGLE ORDER BY DESCRIPTION JM EAGLE ORDER BY DESCRIPTION		Feet	1	$ 13.20	$ 13.20	168 days		$ 4.70	$ 4.70	$ 8.50	181%		1		#N/A
PPEPV040	PIPE, PVC, DR18 - 4", 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.			Feet	10743	$ 7.58	$ 81,217.08	14 days		$ 7.32	$ 78,638.76	$ 2,578.32	3%		8328	9994	7460
PPEPV050	PIPE, PVC, **EAGLE LOC**, DR18 - 6", 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.			Feet	1	$ 25.45	$ 25.45	168 days		$ 25.45	$ 25.45	$ -	0%		1		#N/A
PPEPV060	PIPE, PVC, DR18 - 6", 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.			Feet	24279	$ 15.42	$ 374,382.18	14 days		$ 14.97	$ 363,456.63	$ 10,925.55	3%		21336	25604	16860
PPEPV070	INACTIVE ONCE DEPLETED - PIPE, PVC, **EAGLE LOC**, DR18 - 8", 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.	JM EAGLE ORDER BY DESCRIPTION JM EAGLE ORDER BY DESCRIPTION		Feet	1	$ 43.40	$ 43.40	168 days		$ 43.40	$ 43.40	$ -	0%		1		#N/A
PPEPV080	PIPE, PVC, DR18 - 8", 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.			Feet	4234	$ 26.48	$ 111,946.96	14 days		$ 25.66	$ 108,644.44	$ 3,302.52	3%		3792	4551	2940
PPEPV100	PIPE, PVC, DR18 - 10", 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.			Feet	1	$ 39.69	$ 39.69	14 days		$ 38.51	$ 38.51	$ 1.18	3%		1		#N/A
PPEPV120	PIPE, PVC, DR18 - 12", 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.			Feet	1	$ 55.89	$ 55.89	14 days		$ 54.22	$ 54.22	$ 1.67	3%		1		#N/A
PPEPV160	PIPE, PVC, DR18, 16", AWWA C-900, CLASS 235, 20 FT LENGTHS. BLUE COLOR ONLY. NOTE: NO MORE THAN TWO (2) PIECES OF PIPE PER BUNDLE. BUNDLES WITH MORE THAN TWO PIECES PER BUNDLE WILL BE REFUSED			Feet	29	$ 88.62	$ 2,569.98	28 days		$ 105.40	$ 3,056.60	$ (486.62)	-16%		1	2	#N/A
PPEPV180	PIPE, PVC, DR18, 20", AWWA C-900. CLASS 235, 20 FT LENGTHS. ALL PIPE MUST BE COLORED BLUE FOR WATER SERVICE. NO OTHER COLORS ARE ALLOWED.			Feet	1	$ 139.13	$ 139.13	28 days		$ 165.45	$ 165.45	$ (26.32)	-16%		1		#N/A
PPEPV440	TUBING, POLYETHYLENE 1", CTS O.D., PE4710, SDR9, PURPLE, 250-PSI RATING, 100 FT COILS. ** 10 COILS SHRINK WRAPPED PER PALLET** 1EA = 1FT	ADVANCE DRAINAGE SYSTEMS POLYFLEX ENDOT INDUSTRIES ENCORE ADVANCE DRAINAGE SYSTEMS POLYFLEX		Each	1	$ 0.54	$ 0.54	14 days	100	$ 0.49	0.49	0.05	10%		1		#N/A
PPEPV445	TUBING, POLYETHYLENE 2", CTS O.D., PE4710, SDR9, PURPLE, 250-PSI RATING, 100 FT COILS. ** 10 COILS SHRINK WRAPPED PER PALLET** 1EA = 1FT	ADVANCE DRAINAGE SYSTEMS POLYFLEX ENDOT INDUSTRIES OBO ADVANCE DRAINAGE SYSTEMS POLYFLEX		Each	144	$ 1.83	$ 263.52	14 days	100	$ 1.65	$ 237.60	$ 25.92	11%		1	2	#N/A
PPEPV465	PIPE, PVC, SCH 40, 2", 20 FT. LENGTHS, PURPLE RECLAIM WATER SOLVENT WELD BELL			Each	1	$ 4.25	$ 4.25	14 days	Per ft. price	$ 85.00	$ 85.00	$ (80.75)	-95%		1		#N/A
PRERW040	PIPE, PVC, 4", DR18, 20 FT. LENGTHS, AWWA C-900, CLASS 235. PIPE MUST BE COLORED PANTONE PURPLE FOR RECLAMED WATER SERIVCE. NO OTHER COLORS ALLOWED.			EA	576	7.56	$ 4,354.56	14 days		$ 7.32	$ 4,216.32	$ 138.24	3%		#N/A		
PRERW060	PIPE, PVC, 6", DR18, 20 FT. LENGTH, AWWA C-900, CLASS 235. PIPE MUST BE COLORED PANTONE PURPLE FOR RECLAMED WATER SERVICE. NO OTHER COLORS ALLOWED.			Feet	1	$ 15.42	15.42	14 days		$ 14.97	14.97	0.45	3%		1		#N/A
PPESC200	PIPE, PVC SCH 40 2". 20 FT LENGTHS. BELL ON ONE END.			Feet	456	$ 1.90	$ 866.40	14 days		$ 2.20	$ 1,003.20	$ (136.80)	-14%		456		#N/A
PPESH200	PIPE, PVC, 2", SCH 80, 20 LENGTHS			Feet	1	$ 4.25	$ 4.25	14 days		$ 4.35	$ 4.35	$ (0.10)	-2%		1		#N/A
PPESH300	PIPE, PVC, SCH 80, 3", PLAIN END, 20 FT LENGTHS			Feet	1	$ 10.15	$ 10.15	14 days		$ 10.30	$ 10.30	$ (0.15)	-1%		1		#N/A
PPESW006	PIPE, PVC, DR18 - 6", 20 FT. LENGTHS, AWWA C-900, CLASS 235, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM.			Feet	1728	$ 15.42	$ 26,645.76	14 days		$ 14.97	$ 25,868.16	$ 777.60	3%		120	144	1200
PPESW008	PIPE, PVC, DR18 - 8", 20 FT. LENGTHS, AWWA C-900, CLASS 235, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM.			FT	4551	$ 26.48	$ 120,419.46	14 days		$ 25.66	$ 116,778.66	$ 3,640.80	3%		1872	2247	3160
PPESW012	PIPE, PVC, DR18 - 12", 20 FT. LENGTHS, AWWA C-900, CLASS 235, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM.			FT	400	$ 55.89	$ 22,356.00	14 days		$ 54.22	$ 21,688.00	$ 668.00	3%		1392		#N/A
PPESW040	PIPE, PVC SDR26-4" (14 FT. JOINTS)			Feet	1	$ 3.92	$ 3.92	14 days		$ 3.78	$ 3.78	$ 0.14	4%		1		#N/A
PPESW060	PIPE PVC SDR26-6" (14 FT LENGTHS)			Feet	2103	$ 8.76	$ 20,248.06	14 days		$ 8.49	$ 19,688.31	$ 579.75	3%		420	504	1610
PPESW080	PIPE, PVC SDR26-8" (14 FT LENGTHS)			Feet	3145	$ 15.82	$ 49,753.90	14 days		$ 15.37	$ 48,338.65	$ 1,415.25	3%		2789	3347	2184
PPESW100	PIPE, PVC SDR26-10" (14 FT JOINTS)			Feet	1	$ 25.84	$ 25.84	14 days		$ 25.08	$ 25.08	$ 0.76	3%		1		#N/A
PPESW120	PIPE, PVC SDR26-12" (14 FT JOINTS)			Feet	1	$ 37.14	$ 37.14	14 days		$ 36.06	$ 36.06	$ 1.08	3%		1		#N/A
PPETU100	TUBING, POLYETHYLENE 1" CTS O.D., PE 4710, SDR9 BLUE, 250 PSI RATING, 100 FT COILS. ** 10 COILS SHRINK WRAPPED PER PALLET**.	ADVANCE DRAINAGE SYSTEMS ORDER BY DESCRIPTION ENDOT INDUSTRIES ORDER BY DESCRIPTION ADVANCE DRAINAGE SYSTEMS ORDER BY DESCRIPTION		Feet	25344	$ 0.55	$ 13,939.20	14 days	100	$ 0.49	$ 12,418.56	$ 1,520.64	12%		24600	29520	17600
PPETU124	TUBING, POLYETHYLENE 1 1/2" CTS O.D., PE 4710, SDR9 BLUE, 250 PSI RATING, 100 FT COILS. ** 10 COILS SHRINK WRAPPED PER PALLET**.	ADVANCE DRAINAGE SYSTEMS ORDER BY DESCRIPTION ENDOT INDUSTRIES ORDER BY DESCRIPTION ADVANCE DRAINAGE SYSTEMS ORDER BY DESCRIPTION		Feet	1	$ 1.17	$ 1.17	14 days	100	$ 1.05	$ 1.05	$ 0.12	11%		1		#N/A
PPETU200	TUBING, POLYETHYLENE 2" CTS O.D., PE 4710, SDR9 BLUE, 250 PSI RATING, 100 FT COILS. ** 10 COILS SHRINK WRAPPED PER PALLET**.	ADVANCE DRAINAGE SYSTEMS ORDER BY DESCRIPTION ENDOT INDUSTRIES ORDER BY DESCRIPTION ADVANCE DRAINAGE SYSTEMS ORDER BY DESCRIPTION		Feet	3456	$ 1.83	$ 6,324.48	14 days	100	$ 1.65	$ 5,702.40	$ 622.08	11%		1800	2160	2400
VLVAA262	VALVE, BALL, 2" STAINLESS 316 GRADE, FOR SEWER APPLICATIONS	ORDER BY DESCRIPTION OBO ORDER BY DESCRIPTION OBO		EA	2	$ 165.00	$ 330.00	14 days		$ 154.50	$ 309.00	$ 21.00	7%		2		#N/A
VLVAA305	VALVE, BALL, STAINLESS STEEL, 2"THREADED, BLOW-OUT-PROOF STEM DESIGN, ADJUSTABLE PACKING GLAND, STAINLESS STEEL LEVER AND NUT CERTIFIED TO API 607, 4TH EDITION,CLASS 600 APOLLO VALVES 76-108-01 WATTS S8000-M3 WATTS S8000-M3			EA	2	$ 165.00	$ 330.00	28 days		$ 135.00	$ 270.00	$ 60.00	22%		2		#N/A
VLVBB115	VALVE, GATE 4" - CAST IRON, MECHANICAL JOINT, BRONZE MOUNTED, OPEN LEFT, RESILIENT SEAT, NON-RISING STEM, OPERATING NUT, WITHOUT ACCESSORIES. AMERICAN FLOW CONTROL 2504 AMERICAN RD 0100 AVK SERIES 45 CLOW F-6100 KENNEDY VALVE 4571 M&H 4067 MUELLER A2360, A2361 US PIPE 250 AMERICAN FLOW CONTROL 2504			Each	55	$ 698.00	$ 38,390.00	14 days		$ 528.10	$ 29,045.50	$ 9,344.50	32%		34	41	38
VLVBB120	VALVE, GATE 6" - CAST IRON, MECHANICAL JOINT, BRONZE MOUNTED, OPEN LEFT, RESILIENT SEAT, NON-RISING STEM, OPERATING NUT, WITHOUT ACCESSORIES AMERICAN FLOW CONTROL 2506 AMERICAN RD 0100 AVK SERIES 45 CLOW F-6100 KENNEDY VALVE 4571 M&H 4067 MUELLER A2360, A2361 US PIPE 250 AMERICAN FLOW CONTROL 2506			Each	75	$ 891.00	$ 66,825.00	14 days		$ 674.10	$ 50,557.50	$ 16,267.50	32%		26	32	52
VLVBB140	VALVE, GATE 8" - CAST IRON, MECHANICAL JOINT, OPEN LEFT, BRONZE MOUNTED, RESILIENT SEAT, NON-RISING STEM, OPERATING NUT, WITHOUT ACCESSORIES. AMERICAN FLOW CONTROL 2508 AMERICAN RD 0100 AVK SERIES 45 CLOW F-6100 KENNEDY VALVE 4571 M&H 4067 MUELLER A2360, A2361 US PIPE 250 AMERICAN FLOW CONTROL 2508			Each	15	$ 1,418.00	$ 21,270.00	14 days		$ 1,072.65	$ 16,089.75	$ 5,180.25	32%		17	21	10
VLVBB150	VALVE, GATE 10" - CAST IRON, MECHANICAL JOINT, BRONZE MOUNTED, OPEN LEFT, RESILIENT SEAT, NON-RISING STEM, OPERATING NUT, WITHOUT ACCESSORIES. AMERICAN FLOW CONTROL 2510 AMERICAN RD 0100 AVK SERIES 45 CLOW F-6100 KENNEDY VALVE 4571 M&H 4067 MUELLER A2360, A2361 US PIPE 250 AMERICAN FLOW CONTROL 2510			Each	1	$ 2,210.00	$ 2,210.00	14 days		$ 1,753.15	$ 1,753.15	$ 456.85	26%		1		#N/A
VLVBB160	VALVE, GATE 12" - CAST IRON, MECHANICAL JOINT, OPEN LEFT, BRONZE MOUNTED, RESILIENT SEAT, NON-RISING STEM, OPERATING NUT, WITHOUT ACCESSORIES. AMERICAN FLOW CONTROL 2512 AMERICAN RD 0100 AVK SERIES 45 CLOW F-6100 KENNEDY VALVE 4571 M&H 4067 MUELLER A2360, A2361 US PIPE 250 AMERICAN FLOW CONTROL 2512			Each	2	$ 2,797.00	$ 5,594.00	14 days		$ 2,116.15	$ 4,232.30	$ 1,361.70	32%		2		#N/A
VLVBB170	VALVE, GATE 16" - CAST IRON BODY, BRONZE MOUNTED, RESILIENT SEAT, MECHANICAL JOINT, NON-RISING STEM, W/ACCESSORIES (AS PER APPROVED GATE VALVE LISTING) OPEN LEFT AFC 2516 M & H / CLOW F6100 / 4067-01 AFC 2516			Each	2	$ 5,670.00	$ 11,340.00	28 days		$ 4,765.00	$ 9,530.00	$ 1,810.00	19%		1	2	#N/A
VLVBB180	VALVE, GATE 20" - CAST IRON BODY, BRONZE MOUNTED, RESILIENT SEAT, MECHANICAL JOINT, NON-RISING STEM, OPEN LEFT W/O ACCESSORIES. APPROVED VALVES ONLY AFC 2520 M&H 4067-01 AFC 2520			Each	1	$ 14,375.00	$ 14,375.00	28 days		$ 11,670.00	$ 11,670.00	$ 2,705.00	23%		1		#N/A
VLVBB270	VALVE, GATE, NO LEAD BRONZE - 2", FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST & SPECIFICATIONS NIBCO T-113-LF 2" NIBCO T-113-LF 2"			Each	1	$ 187.52	$ 187.52	14 days		$ 159.39	$ 159.39	$ 28.13	18%		1		#N/A
VLVCC500	VALVE, HOSE BIBB 3/4" BRASS EZFLO 20183 KEYSTONE/PRATT 1122 NIBCO 46U EZFLO 20183			Each	1	$ 7.00	$ 7.00	14 days		$ 7.00	$ 7.00	$ -	0%		1		#N/A
VLVDD009	NO LEAD VALVE, CORP STOP, 1", CC THREAD X FIP THREAD. INVERTED KEY (GROUND KEY) OR BALL TYPE. A.Y. MCDONALD 4113-145 A.Y. MCDONALD 73148 1 A.Y. MCDONALD 7314B8 1 FORD F1600-4-NL MUELLER B-20046N MUELLER H-10045N FORD F1600-4-NL			Each	1	$ 50.75	$ 50.75	168 days		$ 43.17	$ 43.17	$ 7.58	18%		1		#N/A
VLVDD115	NO LEAD VALVE, CORP STOP, 1" MIP INLET: 1" COMPRESSION FOR POLYBUTYLENE TUBING OUTLET (F/N F 1100-4) A.Y. MCDONALD 74704-22 1 FORD F1100-4-NL FORD F1100-4-NL			Each	5	$ 51.50	$ 257.50	168 days		$ 41.97	$ 209.85	$ 47.65	23%		18		#N/A
VLVDD140	NO LEAD VALVE, CORP STOP, 2", INLET: COPPER TO COPPER THREAD, OUTLET: COMPRESSION (OR PACK JOINT) A.Y. MCDONALD 74701B-22FT 2 FORD FB1000-7-NL MCDONALD 4701B-22FT MUELLER H-25028N FORD FB1000-7-NL			Each	8	$ 245.50	$ 1,964.00	168 days		$ 200.06	$ 1,600.48	$ 363.52	23%		4	5	5
VLVDD147	BALL TYPE, INLET TO BE MALE IRON PIPE THREAD, OUTLET TO BE COMPRESSION FOR 250 PSI POLYBUTYLENE. A.Y. MCDONALD 74704B-22FT 2 FORD FB1100-7-NL FORD FB1100-7-NL			Each	3	$ 245.50	$ 736.50	168 days		$ 200.06	$ 600.18	$ 136.32	23%		1	2	#N/A
VLVDD170	NO LEAD BRASS VALVE, CORP STOP 1", INLET: COPPER TO COPPER THREAD, OUTLET: CONDUCTIVE COMPRESSION CONNECTION FOR TYPE "K" COPPER SERVICE PIPE OR PLASTIC PIPE HAVING SAME O.D. A.Y. MCDONALD 74701-22 1 FORD F1000-4-NL FORD F1000-4-NL			Each	227	$ 51.50	$ 11,690.50	168 days		$ 41.97	$ 9,527.19	$ 2,163.31	23%		674	809	157
VLVDD210	NO LEAD BRASS VALVE, CORP STOP, 2" X 2-1/2", INLET: COPPER TO COPPER, OUTLET: INCREASING IRON PIPE THREAD. A.Y. MCDONALD 73123I A.Y. MCDONALD 73123I 2 FORD FB800-7-NL MUELLER H-10003N FORD FB800-7-NL			Each	1	$ 232.30	$ 232.30	168 days		$ 189.30	$ 189.30	$ 43.00	23%		1		#N/A
VLVDD310	NO LEAD VALVE STOP CURB COPPER TO COPPER 1", INVERTED KEY ROUNDWAY WITH CHECK LOCK TYPE, INLET: COPPER, OUTLET: FEMALE IRON PIPE THREAD A.Y. MCDONALD 74711 1 FORD ZVC-2W-NL FORD ZVC-2W-NL			Each	1	$ 79.25	$ 79.25	168 days		$ 70.63	$ 70.63	$ 8.62	12%		1		#N/A
VLVDD314	NO LEAD CONSTRUCTED VALVE, CURB STOP - 1", BALL TYPE, FULL PORT ROUNDWAY,WITH LOCK WING,COMPRESSION (OR PACK JOINT) A.Y. MCDONALD 76102W-22 1 FORD B41-444W-NL FORD B41-444W-NL			Each	587	$ 95.15	$ 55,853.05	168 days		$ 72.15	$ 42,352.05	$ 13,501.00	32%		683	820	407
VLVDD320	NO LEAD CONSTRUCTED VALVE, BALL, CURB STOP, 1- 1/2",BALL TYPE FEMALE IRON PIPE X COMPRESSION (OR PACK JOINT), FULL PORT ONLY, PADLOCK WINGS. A.Y. MCDONALD 76102W-22 1-1/2 FORD B41-666W-NL FORD B41-666W-NL			Each	1	$ 204.65	$ 204.65	168 days		$ 166.96	$ 166.96	$ 37.69	23%		1		#N/A
VLVDD414	NO LEAD CONSTRUCTED VALVE, CURB STOP, 1", BALL TYPE ,FIP X FIP, WITH LOCK WING, FULL PORT ONLY, A.Y. MCDONALD 76101W 1 FORD B11-444W-NL FORD B11-444W-NL			Each	1	$ 85.45	$ 85.45	168 days		$ 69.65	$ 69.65	$ 15.80	23%		1		#N/A
VLVDD500	NO LEAD CONSTRUCTED VALVE, CURB STOP, 2", FIP X FIP, BALL VALVE, FULL PORT, TO BE SUPPLIED WITH PADLOCK WINGS A.Y. MCDONALD 76101W 2 FORD B11-777W-NL FORD B11-777W-NL			Each	9	$ 251.50	$ 2,263.95	168 days		$ 205.17	$ 1,846.53	$ 417.42	23%		1	2	#N/A
VLVDD562	NO LEAD CONSTRUCTED VALVE, CURB STOP, 2", COMPRESSION X FIP, BALL VALVE, FULL PORT, TO BE SUPPLIED WITH PADLOCK WINGS. A.Y. MCDONALD 76102W-22 2 FORD B41-777W-NL FORD B41-777W-NL			Each	64	$ 283.70	$ 18,156.80	168 days		$ 231.38	$ 14,808.32	$ 3,348.48	23%		14	17	64
VLVDD580	VALVE, CURB STOP, 3" MECLAIM WATER A.Y. MCDONALD 76102W-22RWC 1 FORD 3710BRW414W FORD 3710BRW414W			Each	1	$ 97.50	$ 97.50	168 days		$ 79.49	$ 79.49	$ 18.01	23%		1		#N/A
VLVEE110	VALVE,TAPPING 4",RESILIENT SEATED, PILOT FLANGE X MECHANICAL JOINT, NON-RISING STEM, OPEN LEFT, WITHOUT ACCESSORIES AS PER JEA SPECIFICATIONS ONLY. ONLY APPROVED VALVES WILL BE ACCEPTED.			Each	22	$ 880.00	$ 19,360.00	14 days		$ 698.10	$ 15,358.20	$ 4,001.80	26%		11	14	15
VLVEE120	VALVE,TAPPING 6",RESILIENT SEATED, PILOT FLANGE X MECHANICAL JOINT, NON-RISING STEM, OPEN LEFT, WITHOUT ACCESSORIES. AS PER JEA SPECIFICATIONS ONLY. ONLY APPROVED VALVES WILL BE ACCEPTED.			Each	29	$ 1,243.00	$ 36,047.00	14 days		$ 985.55	$ 28,580.95	$ 7,466.05	26%		24	29	20

VLVEE130	VALVE,TAPPING 8",RESILIENT SEATED, PILOT FLANGE X MECHANICAL JOINT, NON-RISING STEM, OPEN LEFT, WITHOUT ACCESSORIES. AS PER JEA SPECIFICATIONS ONLY. ONLY APPROVED VALVES WILL BE ACCEPTED.			Each		3	$ 1,834.00	$ 5,502.00	14 days		$ 1,454.55	$ 4,363.65	$ 1,138.35	26%		5	6	2
VLVEE140	VALVE,TAPPING 10",RESILIENT SEATED,PILOT FLANGE X MECHANICAL JOINT, NON-RISING STEM, OPEN LEFT, WITHOUT ACCESSORIES. AS PER JEA SPECIFICATIONS ONLY. ONLY APPROVED VALVES WILL BE ACCEPTED.			Each		1	$ 2,782.00	$ 2,782.00	14 days		$ 2,207.05	$ 2,207.05	$ 574.95	26%		1		#N/A
VLVEE150	VALVE,TAPPING 12",RESILIENT SEATED,PILOT FLANGE X MECHANICAL JOINT, NON-RISING STEM, OPEN LEFT, WITHOUT ACCESSORIES. AS PER JEA SPECIFICATIONS ONLY. ONLY APPROVED VALVES WILL BE ACCEPTED.			Each		1	$ 4,202.00	$ 4,202.00	14 days		$ 3,333.40	$ 3,333.40	$ 868.60	26%		1		#N/A
VLVFF000	BOX, VALVE - PLATE W-17, ADJUSTABLE ROADWAY. ** 2 PIECE HEAVY DUTY VALVE BOX ONLY. SHIP ASSEMBLED AND PALLETIZED. STACK NO MORE THAN 2 HIGH ON PALLET. LIDS OR COVERS ARE ORDERED AND SHIPPED AS SEPERATE LINE ITEMS.	EAST JORDON IRON WORKS 8550192 OPELIKA FOUNDRY 4905 (SIZE 18) (HD) RUSSCO VB2612X SIGMA VB2612X STAR PIPE PRODUCTS VB4615 TYLER PIPE 461-SH (HD)	SIGMA VB2612X	Each		192	$ 85.00	$ 16,320.00	14 days		$ 68.38	$ 13,128.96	$ 3,191.04	24%		177	213	133
VLVFF010	BOX, VALVE JACKET RISER, 5-1/4" X 3". HEAVY DUTY	SIGMA VB-2603 STAR PIPE PRODUCTS VBR-3	SIGMA VB-2603	Each		15	$ 39.78	$ 596.70	14 days		$ 26.00	$ 390.00	$ 206.70	53%		1	2	#N/A
VLVGG845	COVER, VALVE BOX, HEAVY DUTY ADJUSTABLE - COVER TO BE MARKED "SEWER". DETAIL PLATE #S-31. ** BOX COVER ONLY. COVERS ARE TO BE SHIPPED SEPERATELY FROM BOXES.	OPELIKA FOUNRDY 4905(18) (HD) RUSSCO VB 26005 (HD) STAR PIPE PRODUCTS VB 461 SHD TYLER PIPE 461-SH (HD) U.S. FOUNDRY 7500 (H'D)	RUSSCO VB 26005 (HD)	EA		2	$ 22.39	$ 44.78	14 days		$ 20.15	$ 40.30	$ 4.48	11%		2		#N/A
VLVGG850	COVER, VALVE BOX, HEAVY DUTY ADJUSTABLE - COVER TO BE MARKED "WATER". DETAIL PLATE #W-16. ** COVER ONLY. COVERS ARE TO BE SHIPPED SEPERATELY FROM BOXES.	EAST JORDON IRON WORKS 6800 OPELIKA FOUNRDY 4905 (HD) SIGMA VB2600 STAR PIPE PRODUCTS VBLIDHD TYLER PIPE 461-SH (HD) U.S. FOUNDRY 7500 (H'D)	SIGMA VB2600	Each		189	$ 22.39	$ 4,231.71	14 days		$ 20.15	$ 3,808.35	$ 423.36	11%		179	215	131
VLVGG860	VALVE, 2" RECLAIM BALL, WITH LOCKING	A.Y. MCDONALD 76102W-22RWC 2 FORD 3720BRW41777W	FORD 3720BRW41777W	EA		3	$ 286.05	$ 858.15	168 days		$ 233.67	$ 701.01	$ 157.14	22%				
WPTAA010	WELLPOINTS, SELF JETTING, TOP THREADED FOR 1-1/2" STANDARD PIPE, 2.60 O.D., REMOVABLE PVC SCREEN, HEAVY DUTY STEEL INFLOW PIPE WITH SUCTION HOLES AT THE BOTTOM, ANGULAR CAST JET HEAD WITH HEAVY CUTTING TEETH AND A SINGLE BALL VALVE. ** MUS			Each		1	$ 175.00	$ 175.00	28 days		$ 166.15	$ 166.15	$ 8.85	5%		1		#N/A
WPTAA160	PIPE, PVC, 6" WELLPOINT HEADER, TYPE SCH40 PVC PIPE, 20 FT LENGTHS, PIPE MUST HAVE 2" SADDLES PER COMPLETE WELLPOINT SPECIFICATIONS. NOTE: MUST BE COMPLETE DEWATERING PUMPS AND WELL, WELLPOINT SYSTEMS.	COMPLETE DEWATERING AND WELL P/N	COMPLETE DEWATERING AND WELL P/N	Each		1	$ 485.00	$ 485.00	28 days		$ 462.00	$ 462.00	$ 23.00	5%		1		#N/A
WPTAA180	JOINT, SWING, WELLPOINT COMPLETE ** ITEM MUST BE COMPATIBLE WITH COMPLETE WELLPOINT SYSTEMS**			Each		1	$ 75.00	$ 75.00	28 days		$ 62.00	$ 62.00	$ 13.00	21%		1		#N/A
WPTAA210	TOP, WELLPOINT (RISER TOPS), ALUMINUM, ONE PIECE, 1-1/2" FEMALE THREAD ON ONE END AND OTHER END TO BE CLIPPED AND BEVELED TO FIT WELLPOINT SWING JOINT -- TO BE COMPATIBLE AND INTERCHANGEABLE WITH COMPLETE WELLPOINT SYSTEMS			Each		1	$ 42.00	$ 42.00	28 days		$ 39.00	$ 39.00	$ 3.00	8%		1		#N/A
								$ 1,927,519.14				$ 1,697,165.38	$ 230,353.76	13.57%				