

Welcome to the

JEA® Awards Meeting

January 15, 2026, 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 **Camie Evers** by telephone at **(904) 832-3385** or by email at everca@jea.com if you experience any technical difficulties during the meeting.

JEA Awards Agenda

January 15, 2026

225 North Pearl St., Jacksonville, FL 32202 - Board 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	Business Unit Estimate	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term (Projected) Start Date - End Date	JSEB Participation (Y/N) If Y, then list company name(s) (% , \$ - awarded)
1	Minutes	Minutes from 1/8/2026 Meeting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Request for Proposal (RFP)	1412069851 (RFP) Construction Services for Miller 230kV Solar Substation	Erixton	Reliable Substation Services, Inc.	Capital	\$5,767,405.00	\$5,960,000.00	N/A	\$5,960,000.00	N/A	Project Completion Start Date: 01/29/2026 End Date: 12/11/2026	N
		Advertised: 11/06/2025 Opened: 12/06/2025 Public Evaluation Meeting: 12/23/2025 Seven (7) Proposals Received and Ranked 1. \$5,960,000.00 Reliable Substation Services, Inc. 2. \$7,817,076.00 Power Serve Technologies, Inc. 3. \$5,160,931.41 Energy Erectors, Inc. 4. \$5,894,968.00 C and C Powerline, Inc. 5. \$6,867,821.90 Great Southwestern Construction, Inc. 7. \$6,864,026.00 Gridco, Inc. 8. \$8,595,995.20 Engenecina USA, LLC										

For additional information contact: Jason Behr

This award request is for construction services for the Miller Project solar substation, including installation of a new 230-kV three-element ring bus and a prefabricated control enclosure to house preassembled relay panels, along with all associated work.

The solicitation generated a high level of competition, with multiple qualified firms submitting proposals. After evaluation, Reliable Substation Services, Inc. (RSS) achieved the highest overall score and was ranked first among all firms. While two companies submitted lower-priced proposals, their evaluation scores were reduced due to incomplete information, disorganization, and insufficient required detail. RSS's proposal offered a strong balance of technical quality, completeness, and competitive pricing relative to the business unit estimate.

Based on RSS's extensive experience performing similar work for JEA, their top evaluation ranking, and the overall value represented in their proposal, award to RSS is justified and in the best interest of the project.

Consent Agenda Action

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

Regular Agenda

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Award Amount	Business Unit Estimate	Original Award Amount	New Not-to-Exceed	Amendments	Term	JSEB Participation (Y/N) If Y, then list company name(s) (% , \$ - awarded)	Action
1	Single Source	B50 HMI Server Replacement and Software Upgrades	Erixton	GE Vernova International LLC	\$892,970.00	\$1,034,387.00	N/A	\$892,970.00	N/A	Project Completion Start Date: 01/15/2026 End Date: 04/30/2026	N	Motion by: _____ Second by: _____ Committee Decision: _____
		For additional information contact: Jason Behr										

This Single Source request is for the B50 HMI Server Replacement and Software Upgrades at Brandy Branch Generating Station (BBGS). BBGS utilizes a GE Vernova/Nexus Controls Mark Vie Distributed control system (DCS) to operate the plant. In addition to the DCS hardware cabinets, a network of servers, switches and HMI's are used to allow the control room operator to interface with the DCS using GEV proprietary software.

The HMI's and Servers utilize Microsoft Server/Windows for their operating software and are currently running versions that are nearing end of life. Windows 10 LTSB will reach end of life in October 2026. The network switches will also reach end of support in October 2026. This system is considered a low impact NERC-CIP asset and is required to run supported software to ensure security and compliance.

GE Vernova/Nexus Controls is the OEM for the Mark Vie control system. The GEV software is proprietary and must come from GEV/Nexus. Utilizing the OEM for the hardware and software upgrades ensures the system remains reliable and meets security requirements for best practices and NERC-CIP compliance.

The pricing for this award is comparable to a recent project completed at Northside Generating Station with a different vendor. While this purchase includes less hardware and is therefore slightly lower, it remains consistent with that project.

DISCUSSION/ACTION:
DISCUSSION/ACTION PARTICIPANTS:

Consent and Regular Agenda Signatures

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

Award #1 Supporting Documents 01/15/2026

JEA Awards Agenda

January 8, 2026

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

Teams Meeting Info

Consent Agenda

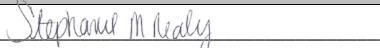
The Chief Procurement Officer offers the following items for the JEA Awards Consent Agenda. Any item may be moved from the Consent Agenda to the Regular Agenda by a committee member asking that the item be considered separately. All items on the Consent agenda have been approved by OGC, Budget and the 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	Business Unit Estimate	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term (Projected) Start Date - End Date	JSEB Participation (Y/N) If Y, then list company name(s) (%,\$ - awarded)
1	Minutes	Minutes from 12/18/2025 Meeting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Invitation for Bid (IFB)	1412058249 - 417-12A Rivertown Storage Tank and Pumping System	Zammataro	Precon Corporation	Capital	\$6,900,000.00	\$5,827,100.00	N/A	\$5,827,100.00			
<p>Advertised: 10/09/2025 Mandatory Pre-Bid: 10/22/2025 (10 primes attended) Opened: 12/09/2025 Two (2) bids received: 1. Precon Corporation \$5,824,100.00 2. Cron, LLC \$6,434,600.00</p> <p>For additional information contact: Marline McDonald</p> <p>This award request is for a new contract to Precon Corporation for the Rivertown Storage Tank and Pumping System Phase I project. The scope for Phase I includes clearing and grading the greenfield site, installing erosion control, stormwater improvements, and below-grade piping. It also involves constructing two 1.5-million-gallon prestressed concrete storage tanks with appurtenances, testing, and as-built documentation. The contractor will also coordinate with the Phase II team, including temporary piping and reclaimed water connections for tank testing and support of concurrent activities.</p> <p>At the time of advertisement only two bidders were approved manufacturers of pre-stressed concrete tanks. During the bid process JEA approved a third tank manufacturer in an attempt to increase competition. To reduce project costs, JEA solicited bids directly from the tank manufacturers in addition to general contractors (GC). The manufacturers also hold GC licenses, enabling them to perform the installation themselves. This approach eliminates 3rd party GC mark-up. The third tank manufacturer that JEA approved during the bid process choose not to submit a bid.</p> <p>This work was competitively bid, and JEA has determined that Precon Corporation is the lowest responsive and responsible bidder. The bid is 15.6% below the business unit estimate and is deemed reasonable.</p>												
<p>N/A</p> <p>Project Completion Start: 02/02/2026 End: 09/30/2027</p> <p>Yes Atlantic Site & Marine (Site Work) - 6% (\$379,248.00)</p>												
2	Contract Increase	1411722446 IFB Miscellaneous Electric Inventory Items for JEA FY24-29	Phillips	Pfiffer Instrument Transformers, LTD Tri-State Utility Products, Inc. Gresco Supply, Inc. Wesco Distribution, Inc. Stuart C. Irby Company, Inc. Hercules Industries, Inc.	Inventory	\$342,405.00	\$342,405.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$201,000.00 \$78,890.03 \$83,627.16 \$954,059.04 \$615,830.30 \$399,897.68	\$543,705.00 \$78,890.03 \$83,627.16 \$954,059.04 \$615,830.30 \$399,897.68	N/A	Five (5) Years w/Two (2) 1-Yr. Renewals Start Date: 10/01/2024 End Date: 09/30/2029	N
	<p>For additional information contact: Lynn Rix</p> <p>This contract increase request of \$342,405.00 is intended to cover the cost of Miscellaneous Electric Inventory Items, with the current contract set to expire on 9/30/2029.</p> <p>The required volume for two instrument transformers on this contract (XFRCC002 and XFRPT025) has increased. Additionally, due to the devaluation of the US dollar against the Swiss franc, the supplier initially requested a 6.6% price increase. However, through effective negotiations, JEA successfully reduced this to a 5% increase, resulting in savings of 1.5% or \$5,217.60 over the remaining term of the contract.</p>											

Consent Agenda Action

Committee Members in Attendance	Names	Ted Phillips, Garry Baker and Kim Wheeler
Motion by:		Garry Baker
Second By:		Kim Wheeler
Committee Decision		Approved

Consent and Regular Agenda Signatures

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

Award #2 Supporting Documents 01/15/2026

14125069851 (RFP) Construction Services for Miller 230kV Solar Substation Appendix B - Response Forms

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

Company Name: Reliable Substation Services, Inc

Company's Address: 300 N Ronald Reagan Blvd Ste 307 Longwood, FL 32750

License Number: ES12000657

Phone Number: 407-869-7440 FAX No: 407-869-7446 Email Address: dboisvert_rss@hotmail.com

BID SECURITY REQUIREMENTS		TERM OF CONTRACT
<input type="checkbox"/> None required <input checked="" type="checkbox"/> Certified Check or Bond Five Percent (5%)		<input type="checkbox"/> One Time Purchase <input type="checkbox"/> Term - 3 Years w/ 2 1-Year Optional Renewals <input checked="" type="checkbox"/> Other, Specify - Project Completion
SAMPLE REQUIREMENTS	SECTION 255.05, FLORIDA STATUTES CONTRACT BOND	
<input type="checkbox"/> None required <input type="checkbox"/> Samples required prior to Bid Opening <input type="checkbox"/> Samples may be required subsequent to Bid Opening	<input type="checkbox"/> None required <input checked="" type="checkbox"/> Bond required 100% of Bid Award	
QUANTITIES	INSURANCE REQUIREMENTS	
<input type="checkbox"/> Quantities indicated are exacting <input checked="" type="checkbox"/> Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.	Insurance required	
PAYMENT DISCOUNTS		
<input type="checkbox"/> 1% 20, net 30 <input type="checkbox"/> 2% 10, net 30 <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> None Offered		

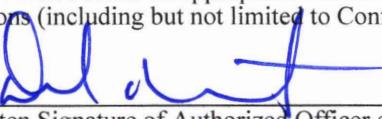
Item No.	ENTER YOUR BID FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES:	TOTAL BID PRICE
1	Total Bid Price Transferred from Bid Workbook	\$ <u>5,960,000</u>

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

BIDDER CERTIFICATION

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

We have received addenda


Handwritten Signature of Authorized Officer of Company or Agent

12-16-25

Date

1 through 5

David Boisvert - President
Printed Name and Title

Award #2 Supporting Documents 01/15/2026

14125069851 (RFP) Construction Services for Miller 230kV Solar Substation Appendix B - Response Forms

LIST OF SUBCONTRACTORS

JEA Solicitation Number 1412069851 requires certain major Subcontractors be listed on this form, unless the work will be self-performed by the Company.

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

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

Type of Work	Corporate Name of Subcontractor	Subcontractor Primary Contact Person & Telephone Number	Subcontractor's License Number (if applicable)	Percentage of Work or Dollar Amount
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Civil DB Construction David Brown 904-237-2752 25%

Fence All Rite Fence Ray Glidewell 407-467-3584 4%

Plated shafts Mammoth Constructors Dusty Hamilton 407-745-6580 20%

Signed: Al Mif

Company: Reliable Substation Services, Inc

Address: 300 N Ronald Reagan Blvd

Date: 12/16/25

Award #2 Supporting Documents 01/15/2026

14125069851 (RFP) Construction Services for Miller 230kV Solar Substation Appendix B - Response Forms

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 -1412069851. I (We) the undersigned understand that failure to submit said information will result in bid rejection. I (We) will employ the JSEB Subcontractors specified below: (Use additional sheets as necessary)

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

None

Signed: 
Company: Reliable Substation Services, Inc
Address: 300 N Ronald Reagan Blvd
Date: 12-16-25

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

Award #2 Supporting Documents 01/15/2026

14125069851 (RFP) Construction Services for Miller 230kV Solar Substation Appendix B - Response Forms

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

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

BIDDER INFORMATION

COMPANY NAME: Reliable Substation Services, Inc

BUSINESS ADDRESS: 300 N Ronald Reagan Blvd Ste 307

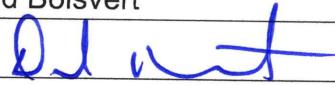
CITY, STATE, ZIP CODE: Longwood, FL 32750

TELEPHONE: 407-869-7440

FAX: 407-869-7446

E-MAIL: dboisvert_rss@hotmail.com

PRINT NAME OF AUTHORIZED REPRESENTATIVE: David Boisvert

SIGNATURE OF AUTHORIZED REPRESENTATIVE: 

NAME AND TITLE OF AUTHORIZED REPRESENTATIVE: President

MINIMUM QUALIFICATIONS:

Respondent must meet the following Minimum Qualifications to be considered eligible to have its Response evaluated by JEA. Respondent must complete and submit the Minimum Qualification Form provided in this Solicitation.

Respondents that are working or have worked for JEA in the past 2 years involving similar work must submit JEA as a reference. JEA reserves the right to ask for additional back up documentation or additional reference projects to confirm the Respondent meets the requirements stated above.

JEA in its sole discretion may reject Responses from Respondents not meeting all of the following Minimum Qualifications:

- I. Respondent must be approved on the Responsible Bidders List (RBL) category below by Bid Opening: SB1 – Substation Construction up to 500kV.
 - Visit https://www.jea.com/About/Procurement/Become_a_Vendor/ to learn how to become approved.
- II. Company must have a current and valid State of Florida business license and State of Florida Certified General Contractor's license.
- III. The Respondent is not on the State of Florida Convicted Vendor List, State of Florida's Suspended Vendor List, The City of Jacksonville's Disqualified Vendor List, have not had their bidding privileges actively suspended by JEA, been debarred by JEA, or have had a contract with JEA terminated for default within the last two (2) years.

SELECTION CRITERIA: See Sections 1.17 through 1.23 of the Solicitation document.

Award #2 Supporting Documents 01/15/2026

14125069851 (RFP) Construction Services for Miller 230kV Solar Substation Appendix B - Response Forms

1. SIMILAR PROJECT REFERENCE

Reference Name: Brandy Smith (now Brandy Short)

Reference Phone Number: 904-412-2622

Reference Company Name: JEA

Address of Work: Full territory of JEA

Reference E-Mail Address: smitbl2@jea.com

Dates of Work: 2019-2026

Description of Work including contract value:

Contract value: \$7,066,000

Medium + High Voltage Circuit Breaker Program

Scope of work for this program:

RSS confirms schedule of values generated by JEA engineers

RSS then surveys, transports new and removes old breakers; installs or modifies foundations as needed, modifies conduit and grounding as needed, pulls + terminates new cable + power cables, installs new jumpers if needed, assists JEA relay with testing + commissioning, completes As-Builts, and invoices for all completed work

Award #2 Supporting Documents 01/15/2026

14125069851 (RFP) Construction Services for Miller 230kV Solar Substation Appendix B - Response Forms

2. SIMILAR PROJECT REFERENCE

Reference Name: Jason Rinehart

Reference Phone Number: 904-625-5974

Reference Company Name: JEA

Address of Work: JEA Mayo

Reference E-Mail Address: rineja@jea.com

Dates of Work: 1/15/23 - 12/31/23

Description of Work including contract value:

Contract value: \$8,334,500

Construct new 138/26kV substation including a highside ringbus,
50 MVA transformer, 3 feeders, and all inspection bus

Scope included complete construction, from site clearing + grading to
electrical construction, a new control house, roadway paving, landscape

Award #2 Supporting Documents 01/15/2026

14125069851 (RFP) Construction Services for Miller 230kV Solar Substation Appendix B - Response Forms

3. SIMILAR PROJECT REFERENCE

Reference Name: Chad Waller

Reference Phone Number: 352-697-3383

Reference Company Name: Duke Energy Florida

Address of Work: Entire Duke Energy Florida Territory

Reference E-Mail Address: chad.waller@duke-energy.com

Dates of Work: 2015 - current

Description of Work including contract value:

Contract value: \$13,233,809

Master services agreement with Duke since 2015 to present

RSS is an A+ rated substation contractor for Duke Energy Florida

Contractors are rated on safety, quality, scheduling, estimates, change orders, on-boarding, training, and leadership participation

Projects vary in scope from \$5,000 to over \$2,000,000

Projects are greenfield, brownfield, scheduled, and emergencies



VENDOR CONFLICT OF INTEREST DISCLOSURE FORM INSTRUCTIONS

Vendors shall not try to gain an unfair competitive advantage or influence the ability of JEA officers and employees to make impartial and objective decisions on behalf of JEA.

All vendors interested in conducting business with JEA must complete and return the Vendor Conflict of Interest Disclosure Form found on the following page in order to be eligible to be awarded a contract with JEA. Please note that all vendors are subject to comply with JEA's conflict of interest policies provided below.

1. No JEA officer (e.g., JEA Board member and elected City official) or employee has an ownership interest of more than 5% in vendor's company.
2. No JEA officer or employee is an officer, director, partner or proprietor of vendor's company.
3. No JEA officer or employee is employed by or being considered for employment by vendor's company.
4. No JEA officer or employee work as a consultant or has a contractual relationship with vendor's company.
Type text here
5. No JEA officer or employee will derive a personal financial gain or loss from this contract.
6. No relative of a JEA officer or employee will derive a personal financial gain or loss from this contract. (Relatives include a father, mother, son, daughter, husband, wife, brother, sister, father-in-law, mother-in-law, son-in-law, or daughter-in-law.)

If a vendor has one or more relationships with a JEA officer or employee or a relative of a JEA officer or employee that meets the criteria described above, then the vendor shall disclose the information by completing the Conflict of Interest Form on the following page.

Award #2 Supporting Documents 01/15/2026

14125069851 (RFP) Construction Services for Miller 230kV Solar Substation Appendix B - Response Forms



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, Buyer)

JEA Bid/Solicitation/Contract Number: 14125069851	Name of JEA Employee(s) Working on Vendor's Current Contract(s) with JEA:
Vendor Name: Reliable Substation Services, Inc	Vendor Phone: 407-869-7440
Vendor's Authorized Representative Name and Title: David Boisvert - President	Authorized Representative's Phone: 407-493-8846
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. N/A	
2. N/A	
3. N/A	
4. N/A	
5. N/A	
<input checked="" type="checkbox"/> Vendor has no conflict of interest to report.	
<input checked="" type="checkbox"/> 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.	
<input checked="" type="checkbox"/> 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: 12-16-25

Award #2 Supporting Documents 01/15/2026

14125069851 (RFP) Construction Services for Miller 230kV Solar Substation Appendix B - Response Forms

FOR JEA USE ONLY IF CONFLICT NOTED

This form has been reviewed by:

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

Award #2 Supporting Documents 01/15/2026

#	1412069851 (RFP) Construction Services for Miller 230kV Solar Substation							
	Vendor Rankings	Evaluator A	Evaluator B	Evaluator C	Σ Rank		Rank	Total Score
1	C and C Powerline, Inc.	3	4	5	12		4	167.28
2	Energy Erectors, Inc.	5	2	1	8		3	186.00
3	Engetecnica USA, LLC	7	7	7	21		7	58.03
4	Great Southwestern Construction, Inc.	4	5	3	12		4	181.62
5	Gridco, Inc.	6	6	6	18		6	67.68
6	Power Serve Technologies	2	1	4	7		2	208.93
7	Reliable Substation Services, Inc.	1	3	2	6		1	204.94
#	Evaluator A	Quotation of Rates (30 points)	Similar Experience (15 points)	Project Schedule (30 points)	Work Approach/Resource Availability (20 points)	Commitment to Safety (5 points)	Total	Rank
1	C and C Powerline, Inc.	26.26	3.00	15.00	15.00	3.00	62.26	3
2	Energy Erectors, Inc.	30.00	4.00	15.00	0.00	1.00	50.00	5
3	Engetecnica USA, LLC	18.01	0.00	0.00	0.00	4.00	22.01	7
4	Great Southwestern Construction, Inc.	22.54	6.00	15.00	15.00	3.00	61.54	4
5	Gridco, Inc.	22.56	0.00	0.00	0.00	0.00	22.56	6
6	Power Serve Technologies	19.81	12.00	20.00	18.00	3.00	72.81	2
7	Reliable Substation Services, Inc.	25.98	7.0	15.0	20.00	5.00	72.98	1
	Evaluator B	Quotation of Rates (30 points)	Similar Experience (15 points)	Project Schedule (30 points)	Work Approach/Resource Availability (20 points)	Commitment to Safety (5 points)	Total	Rank
1	C and C Powerline, Inc.	26.26	9.00	15.00	10.00	3.00	63.26	4
2	Energy Erectors, Inc.	30.00	9.00	20.00	5.00	4.00	68.00	2
3	Engetecnica USA, LLC	18.01	0.00	0.00	0.00	0.00	18.01	7
4	Great Southwestern Construction, Inc.	22.54	9.00	5.00	14.00	5.00	55.54	5
5	Gridco, Inc.	22.56	0.0	0.0	0.00	0.00	22.56	6
6	Power Serve Technologies	19.81	11.0	20.0	18.00	3.00	71.81	1
7	Reliable Substation Services, Inc.	25.98	8.0	9.0	18.00	5.00	65.98	3
	Evaluator C	Quotation of Rates (30 points)	Similar Experience (15 points)	Project Schedule (30 points)	Work Approach/Resource Availability (20 points)	Commitment to Safety (5 points)	Total	Rank
1	C and C Powerline, Inc.	26.26	8.50	5.00	1.00	1.00	41.76	5
2	Energy Erectors, Inc.	30.00	10.00	22.00	1.00	5.00	68.00	1
3	Engetecnica USA, LLC	18.01	0.00	0.00	0.00	0.00	18.01	7
4	Great Southwestern Construction, Inc.	22.54	15.00	7.00	17.00	3.00	64.54	3
5	Gridco, Inc.	22.56	0.00	0.00	0.00	0.00	22.56	6
6	Power Serve Technologies	19.81	5.50	19.00	17.00	3.00	64.31	4
7	Reliable Substation Services, Inc.	25.98	10.0	12.0	14.00	4.00	65.98	2
	Overall Averages	Quotation of Rates (30 points)	Similar Experience (15 points)	Project Schedule (30 points)	Approach/Resource Availability (20 points)	Commitment to Safety (5 points)	Total	Rank
1	C and C Powerline, Inc.	26.26	6.83	11.67	8.67	2.33	55.76	5
2	Energy Erectors, Inc.	30.00	7.67	19.00	2.00	3.33	62.00	3
3	Engetecnica USA, LLC	18.01	0.00	0.00	0.00	1.33	19.34	7
4	Great Southwestern Construction, Inc.	22.54	10.00	9.00	15.33	3.67	60.54	4
5	Gridco, Inc.	22.56	0.00	0.00	0.00	0.00	22.56	6
6	Power Serve Technologies	19.81	9.50	19.67	17.67	3.00	69.64	1
7	Reliable Substation Services, Inc.	25.98	8.33	12.00	17.33	4.67	68.31	2



HMI Upgrade

Jacksonville Electric Authority
Site: Brandy Branch

GE Vernova International LLC
Proposal Number: 1707468 Rev 2
Date: November 25, 2025
Account Manager: David Duncan



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1 Executive Summary

1.1 Overview

GE Vernova International LLC is pleased to submit this proposal for the MKVle-TMR Windows 11 HMI Upgrade at JACKSONVILLE ELECTRIC AUTHORITY - BRANDY BRANCH.

The Seller's latest HMI technology provides the most current software and hardware technology available from the Seller for the turbine control operator interface. The latest software packages provide improved features and protection functions as compared to previous versions.

The benefits of this retrofit include:

- a. Industry standard operating system and software.
- b. Integration of various systems and devices (as needed) to reduce resources required for operating and maintaining the units.
- c. CIMPACT Graphical User Interface (GUI) software on HMIs is for industrial controls.
- d. Solid State hard drives for increased uptime.

This project will consist of replacing HMI operator interface PCs at the JACKSONVILLE ELECTRIC AUTHORITY - BRANDY BRANCH plant with new HMIs located in the same locations with similar functionality.

As part of the upgrades and enhancements, the Seller is offering the following:

- a. Upgrade the existing HMIs.
- b. Upgrades to the Mark Vle processor firmware / software will also be provided as required.
- c. Field Service to install and commission the new HMIs and Network.

1.2 Quality

GE Vernova is committed to Customer Satisfaction, Compliance and Continuous Improvement. Our Quality Policy, compliance to numerous standards and many reference sites demonstrate our adherence to these principles.

- a. Our Quality Management System (QMS) is scalable assuring lean quality from software patch or parts delivery to multisite mission critical control systems deployments.
- b. Our procedures drive clear requirements management through to the end solution. We also integrate global regulatory, technical and cyber security standards into our upfront proposal process so all stakeholders know how end user will be compliant.
- c. If new requirements emerge, we manage scope, schedule, cost and regulatory impacts to optimally deliver only the value customer contracts and regulations require.
- d. All our global design and manufacturing sites (USA, Brazil, Hungary, UAE, Saudi, Korea, Singapore, China) are ISO-9001:2015 certified by a leading Auditor such as LRQA or BSI. All operate under a single QA Manual.
- e. We survey using Net Promoter Score methodology driving lessons learned on Parts, Projects and Service deliveries.
- f. Our Continuous Improvement leverages root cause analysis and Lean Six Sigma disciplines to provide clear tie from improvement opportunities to countermeasure effectiveness reviews.
- g. We welcome an examination of our procedures and objective evidence for compliance to contract and ISO-9001:2015 anytime during a project. Usually, this would last less than one day. Please work with your Project Manager once project is kicked off to arrange.

Some customers require additional assurances above and beyond contractual, ISO-9001:2015 and relevant technical regulatory standards. We can proceed with discussion on any of these options:

- a. Full System Audit. Occasionally end customers require documented assurance of compliance to contractual and quality standards. These audits require multiple days to complete and some planning for scope. We can include this scope in the contract.
- b. Expanded Project Quality Documentation. Some projects require specific quality requirements that are not part of ISO-9001:2015, we offer to contract these activities to document additional deliverables (examples: Project Quality Plans, Software Quality Plans, Packaging Plans, Inspection Quality Plans)
- c. Where end customers require compliance to standards we do not currently possess we will work with you to develop a custom solution to meet your needs.



1.3 Project Management

Upon receipt of an order, the Seller will assign a Project Manager who will be the Buyer/End-user's single point of contact to ensure that the scope and delivery requirements are satisfied. The Project Manager's responsibilities will include:

- a. Project scheduling and tracking for the project activities associated with the equipment delivery.
- b. Procurement and expediting of all equipment and services included in this proposal to insure a smooth project.
- c. Coordination of engineering, test and startup activities (if included) for the equipment upgrade.



2 Base Scope of Supply

2.1 Bill of Material

Qty.	Description																																						
	<p>Commercial Grade for HMI upgrade: PC details are typical. Seller will provide an HMI that meets the specific requirements of the project, details of which will be provided during project execution:</p> <p>HP Z4 G5 Base Desktop Workstation - HMI</p> <table> <thead> <tr> <th>QTY</th><th>Description</th></tr> </thead> <tbody> <tr> <td>1</td><td>HP Z4 G5 Workstation</td></tr> <tr> <td>1</td><td>HP Z4 G5 775W Power Supply, 90% efficient (C13 input)</td></tr> <tr> <td>1</td><td>Intel Xeon processor, 4 cores (min), 3 GHz (min)</td></tr> <tr> <td>2</td><td>16GB DDR memory (32 GB Total Memory)</td></tr> <tr> <td>1</td><td>PCIe 2GB (or greater) Graphics Card (w/4mDP outputs)</td></tr> <tr> <td>2</td><td>mDP to DP adapters</td></tr> <tr> <td>1</td><td>512 GB (min) Solid State Drive (OS - C:\)</td></tr> <tr> <td>1</td><td>512 GB (min) Solid State Drive (BACKUP - X:\ and DATA - :\)</td></tr> <tr> <td>1</td><td>9.5 mm DVD-Writer</td></tr> <tr> <td>2</td><td>Single Port Gigabit NIC (on-board)</td></tr> <tr> <td>1</td><td>PCIe Dual Port (min) Gigabit NIC</td></tr> <tr> <td>1</td><td>Serial Port Adapter</td></tr> <tr> <td>1</td><td>Internal Dual USB 2.0 Type A Female Port Kit</td></tr> <tr> <td>1</td><td>USB Slim Wired Keyboard US</td></tr> <tr> <td>1</td><td>USB Optical Wired Mouse</td></tr> <tr> <td>1</td><td>Windows 11 (note: Requires ControlST 8)</td></tr> <tr> <td>1</td><td>Acronis</td></tr> <tr> <td>1</td><td>Trellix</td></tr> </tbody> </table>	QTY	Description	1	HP Z4 G5 Workstation	1	HP Z4 G5 775W Power Supply, 90% efficient (C13 input)	1	Intel Xeon processor, 4 cores (min), 3 GHz (min)	2	16GB DDR memory (32 GB Total Memory)	1	PCIe 2GB (or greater) Graphics Card (w/4mDP outputs)	2	mDP to DP adapters	1	512 GB (min) Solid State Drive (OS - C:\)	1	512 GB (min) Solid State Drive (BACKUP - X:\ and DATA - :\)	1	9.5 mm DVD-Writer	2	Single Port Gigabit NIC (on-board)	1	PCIe Dual Port (min) Gigabit NIC	1	Serial Port Adapter	1	Internal Dual USB 2.0 Type A Female Port Kit	1	USB Slim Wired Keyboard US	1	USB Optical Wired Mouse	1	Windows 11 (note: Requires ControlST 8)	1	Acronis	1	Trellix
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1	Trellix																																						
1	Commercial Remote Services Gateway (RSG) with ControlST																																						
Per site	An equipment network topology (4108 drawing) in support of an HMI upgrade. The topology provided would be based on the current site information that is provided to the Seller from the Buyer.																																						
Per HMI	Re-apply Existing Active Generator Capability Curve Display on the HMI – Per Generator Size																																						
Per HMI	Audible Alarm on the HMI - Software Activation																																						
Per Powered Device	Power Cords Supplied per Powered Device for use in the USA																																						

2.2 HMIs Proposed Changes/Solution

This project will consist of replacing HMIs operator interface PCs and RSGs at the JACKSONVILLE ELECTRIC AUTHORITY - BRANDY BRANCH plant with new HMIs located in the same locations with similar functionality.

The final configuration of the new HMIs cannot be accomplished in the factory. The final site-specific configuration will be completed during installation. It is recommended that the Seller's field service employees perform the installing and system/controller configuration to maintain system integrity and robustness.

New ControlST site software is included with the HMI as part of the base scope offering. Installation of the controller software based on the upgrade is included as part of the installation activities. Turbine controller/ Plant-wide DCS controller system shutdown and reboot will be required to upgrade the ControlST software/ firmware.



2.3 HMI System Architecture

HMIs will be supplied in the quantities and with the functionality described in words and in the configuration tables below. No changes to the existing UDH/PDH networks link are provided.

Proposed HMI Capability Table

	GT1_SVR	GT2_SVR	GT2_SVR	CRM1_SVR	CRM2_SVR
PC Style	Commercial	Commercial	Commercial	Commercial	Commercial
PC orientation	Tower	Tower	Tower	Tower	Tower
Widescreen Formatting	Yes	Yes	Yes	Yes	Yes
Audible Alarm with Speakers	Yes	Yes	Yes	Yes	Yes
Generator Capability Curves	Reapply	Reapply	Reapply	Reapply	Reapply

	CRM3_SVR	CRM4_SVR	CRM5_SVR	EWS1_SVR	RSG
PC Style	Commercial	Commercial	Commercial	Commercial	Commercial
PC orientation	Tower	Tower	Tower	Tower	Tower
Widescreen Formatting	Yes	Yes	Yes	Yes	NA
Audible Alarm with Speakers	Yes	Yes	Yes	Yes	NA
Generator Capability Curves	Reapply	Reapply	Reapply	Reapply	Reapply

SWAT (Software Acceptance Test) Longmont, CO or via Teams	One Day SWAT with no Simulation
--	---------------------------------

2.3.1 Proposed HMI External Communication

Our base offering includes Ethernet Modbus protocol interface to other customer equipment. We propose to reapply the same point list that is currently in use for applications.

Seller will not modify the Buyer supplied external equipment/foreign devices or other sub-systems for communication interface with the Mark Vle. Buyer/End-User is responsible for any additional hardware or programming required for the interfacing of Seller supplied equipment to Buyer/End-User supplied external equipment/foreign devices. The Seller expects the Buyer, or his vendor will be needed to help with the communication on his Equipment. The Seller will work on their equipment to help support commissioning the communication link(s).



2.4 Network

Qty.	Description
9	Cisco 9200 Edge Pairs
1	Cisco 9300 Root Fiber Pair
8	Cisco IE3300 Switches
1 Lot	SFPs

2.5 Engineering Design, Testing and Meetings

As part of the project, the Seller's Engineering Design will include the following:

- a. Controls Software – Firmware upgrade only as needed to support the HMI Upgrade. Changes to the sequencing and fuel control logic are not performed and will remain as it exists at the time of collecting the As-Running software files.
- b. Development of HMI Operator Graphic Screens (per Seller standard design).
- c. Create or update the network topology drawing (aka the 4108 drawing).
- d. **Kickoff Meeting:** A Buyer/Seller kickoff meeting will be held per conference call. Attendees from the Seller's team will include, at a minimum, the project manager and a project engineer. During the phone conference kickoff meeting, the project scope and schedule will be reviewed and agreed upon between the parties.
- e. **Software Witness Acceptance Test (SWAT):** The SWAT is a one (1)-day customer review at the Seller's Facility. The site-specific software is loaded onto the new HMIs in the lab. For the customer's review, the operator screens are reviewed. During the SWAT, there is data displayed on the screens but there is not true turbine operation simulation and therefore the data is not correlated to real turbine operation on the screens. The layout of each screen and its data points can be reviewed as well as the location of control buttons, menu selections, alarm page, etc. During the SWAT, an acceptance document will be used to document the review.
- f. Integration with (Switches, Historian, etc.)

2.6 Documentation

2.6.1 Electronic Media Documentation

Project documentation will be provided electronically via the Seller's Secure Portal.

2.6.2 Hardcopy Media Documentation

Note that HMI projects will not include hardcopy documentation.

2.6.3 Documentation List

The following table shows the description of the project documentation that the Seller will be providing as part of the deliverables for the contract.

	Document Description
Item	Generic List
1.	ToolboxST Guide for the WorkstationST Application
2.	Instruction Manuals/Publications, including Maintenance and User Guides; Ex: GEH, GEK
Item	Application Specific List
3.	Network Topology Diagram
4.	SWAT Report



3 Optional

3.1 Historian

The Historian portion of this project will consist of replacing 1 Historian configured for the JACKSONVILLE ELECTRIC AUTHORITY - BRANDY BRANCH as described below:

Please note that the total configuration of the new Historian cannot be accomplished in the factory prior to shipment to the site for installation. The final configuration to match the specific site configurations is accomplished at site during installation. Due to the technical complexity of installing a new Historian, we recommend that seller's trained field technicians only perform it.

3.1.1 Historian's System Architecture – Brandy Branch

Proposed Historian Data Collection Configuration Table:

TURBINE UNIT #	Historian
GT1	Collects data
GT2	Collects data
GT3	Collects data
ST1	Collects data

Historian Functionality	
PC Style	Server
PC orientation	Tower

Ethernet Cable, Fiber Optic Cable and Equipment:

It is assumed that all existing Ethernet cable, and Ethernet network equipment is to be re-used. If any additional cabling and network hardware were required, it would be in addition to the base scope of this proposal. Four (4) 50' sections of CAT6 Ethernet cables with RJ45 connectors are included with each Historian but are not meant to meet all needs if the Historian is new or being relocated.

3.1.2 Historian Bill of Material – Brandy Branch

Qty.	Description
1	HPE ProLiant ML110 Gen11 for Historian with Windows Server 2025 Qty Description <ul style="list-style-type: none"> 1 Intel Xeon S 4410Y Processor 12C/2T 2.00-3.90GHz 30MB Cache 150W 1 HPE 32GB 2Rx8 PC5-4800B-R Smart Kit 1 NVIDIA T1000 8GB GPU Spl Module 4x mDP 2 HPE 960GB SATA 6G Mixed Use SFF BC Multi-Vendor SSD 1 HPE 9.5mm SATA DVD-RW Optical Drive 1 Embedded 2-Port 1GbE BCM5720 1 Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE 1 HPE ProLiant ML110 Gen11 Serial Port Cable Kit 4 PCIe 5.0 x16/x16 Expansion Slots (2 occupied - NIC & Video card) 1 HPE 1000W Flex Slot Titanium Hot Plug Power Supply Kit 1 USB Stereo Audio Adapter External Sound Card for ML110 server 1 USB US Keyboard/Mouse Kit 1 HPE TPM 2.0 Gen10 Kit 4 HP mini-DP-to-DP Adaptors
1	27 inch Monitor
Per powered device	Power Cords Supplied per Powered Device for use in USA
1	Replacement Historian - PI Software – 8,000 Point PI License for 4 MARK VIe Unit – No Data Gap



4 Installation Site Services

4.1 Services Installation and Commissioning

The Seller will provide the Controls Field engineering services to install & commission the equipment provided as part of this offering, including the following:

- a. Verify the installation and commission the new HMIs.

4.2 Site Services Division of Responsibility

This DOR (Division of Responsibility) represents the responsibilities for projects where the Seller is providing only a field engineer(s) to support the installation of the Seller supplied equipment.

Item	Legend: B=Buyer/End-user, S=Seller, N/A= Not Applicable		
	Description	Responsibility	Comments
PREPARATION			
a)	Lock Out Tag Out ("LOTO") of all equipment related to Seller's work, prior to start of seller's work. Seller personnel will verify.	B/E	
b)	Health, Safety, Emergency Response & Security Procedures	B	
c)	Regulatory Requirements and permits (Air, welding, work, etc.)	B	
d)	Hardhat, safety glasses, hearing protection, hand protection, safety footwear for Seller's personnel.	S	
e)	Offload the Seller supplied equipment/material upon delivery and store as required. Place equipment near work area prior to the start of Seller's work.	B	
TEMPORARY CONSTRUCTION FACILITIES			
f)	Scaffolding: Supply, installation, setup and removal	B	
g)	Crane and/or forklift, rigging, rigging plan & Operator	B	
h)	Temporary Utilities (electric, light, air, water, and internet)	B	
i)	Office space, internet access, sanitary facilities, drinking water, parking etc. for Seller's personnel.	B	
j)	Construction Waste Management and Disposal	B	
k)	First Aid facilities	B	
l)	Hazardous Material identification, testing & abatement. Seller shall be afforded schedule & price relief related to any remediation efforts.	B	
CONTROL INSTALLATION			
m)	All Installation labor, equipment and Materials	B	
n)	Signal Mapping or changing of third-party signal tables required due to Controls upgrade	S	
o)	Testing required to satisfy regulatory requirements	B	
INSTALLATION SUPPORT			
p)	Scheduling of craft labor commensurate with the Seller provided schedule and allotted onsite time	B	
q)	Dedicated Operations support during commissioning and startup testing	B	
r)	Calibration of Protection devices & relays during setup and commissioning	B	
s)	Confined space entry permit, specialized equipment, observer and personnel to enter the confined space, and perform work.	B	
t)	Disposition of all removed equipment and generated trash	B	



5 Proposal Basis and Buyer Responsibilities

This section lists those items which are provided by the Buyer or End-User and not part of the Seller's scope of supply. It also lists the Seller's assumptions, comments to Buyer/End-user's requirements, and the breakdown of Buyer/End-User responsibilities.

5.1 General Assumptions and Clarifications

Below represents the Seller's Clarifications, Assumptions and Exceptions related to the Seller supplied equipment and services.

- a. Seller believes that this proposal/quote meets the intent of the Buyer/End-User's request and will be the document of reference in any resulting contract.
- b. Unless otherwise specifically identified herein, this proposal assumes that none of the Seller's equipment (and related engineering) being supplied under this contract (or related contract) will be installed in, or have its wiring routed through, a classified hazardous area as defined by NFPA 70 (section 500/505) or CSA 22.1 and CSA 22.2 as shall be determined by Buyer.
- c. Firewall and Routing changes are not part of the Seller's scope. They are expected to be performed by the Buyer prior to the Seller's arrival.
- d. Unless specifically identified in this proposal, the Seller is not supplying any cables (copper, Ethernet, or fiber optic), networking equipment, field devices, instrumentation, cabinets, housings, solenoids, actuation devices, or installation materials.
- e. It is assumed that any existing equipment, including but not limited to cabling, wiring, sensors, field devices, terminal boards, communication networks, etc., that are not being replaced as part of this work scope are in a good working order. Replacement of non-functioning or faulty equipment is not included in the scope of this document, unless otherwise specified. If a site survey and Seller's engineering results in the need for additional equipment, cabling and field devices, this will result in a Contract Change Order where pricing and delivery cycle relief will be afforded to the Seller.
- f. All machine components are in satisfactory condition and will operate with the new controls. This includes, but is not limited to, the existing metering, generator protection/control, lubrication, cooling, gas, fuel, steam and hydraulics systems.
- g. If an RFQ or technical specification is presented by the Buyer/End-User during the project's execution (contract term), that were not initially brought to the attention of the Seller during the proposal development stage and said specifications/requirements subsequently increase the cost of the project for the Seller, this will be treated as a Contract Change Order and billed accordingly.
- h. Seller reserves the right to substitute suitable and equivalent third-party hardware in place of those proposed, should such items become obsolete prior to final delivery of those products. If during the warranty period, a third-party hardware item becomes defective and requires replacement, such item may be replaced by a substitute item if the third-party item has been obsoleted. Buyer/End-User shall receive notification of substitution prior to shipment of the items. Mutually agreed upon between Buyer and Seller.
- i. When existing cabinetry is being reused, the Buyer/End-User shall be responsible for the condition and suitability of same to house the Seller supplied equipment, maintaining NEMA, EMI and RFI requirements, as an example.
- j. No provisions for a separate, integrated FAT or communication testing with a foreign device or other sub-systems (DCS, SCADA, Historian, etc.) are included in this proposal. Simple communication testing with Buyer/End-User's foreign devices or other sub-systems can be conducted and verified by the Seller's field engineer carrying out the commissioning onsite. Should Buyer/End-User decide to have a separate communication test with other systems at Buyer/End-User's facility, Seller will provide a quotation upon Buyer's/End-User's request and detailed definition.
- k. No modifications to any Buyer/End-User DCS or third-party equipment are included in this proposal. The new Seller supplied equipment may require modification to DCS signals to maintain compatibility. Modification of these DCS signals is the responsibility of Buyer/End-User.
- l. Relevant OEM Technical Information Letters ("TIL") related to equipment being provided, have been performed.
- m. Buyer/End-User is responsible to adhere to the timetable of critical project data exchange and execution milestones as identified in the detailed project schedule agreed to at the kick-off meeting.
- n. As the project, must incorporate Buyer/End-User specific requirements, Buyer/End-User must support all project activities.
 - i. Support Site kick-off meeting, site visits, design reviews, status meetings, etc.
 - ii. Participate in Buyer/End-User Witnessed Factory (if included) and Site Acceptance Tests
 - iii. Respond to Seller inquiries and requests for documentation in a timely manner.



- iv. Direct all communications through Seller's assigned Project Manager.
- v. Document, in writing, approvals for all change orders.
- o. Services pricing included assumes all units/machines associated with this HMI upgrade will be offline.
- p. Formal training on the new equipment is not included.
- q. The HMI and Historian hardware and software packages are tested as an integrated system. Extensive qualification and verification is performed to ensure compatibility of the hardware and software components. For warranty and support reasons removal of any of the Seller's provided software or addition of any third-party software/hardware packages (not previously approved by the Seller) will result in Seller's inability to service and maintain the equipment and will void Seller's warranty on these products.
- r. Seller does not support connecting different Cimplicity versions of HMIs to the same network. The older versions of HMI can be identified by the version of CIMPACT present on the HMI. It will be either "3.22", "4.01", "5.5", "6.1", "7.5", "8.2", "9.0" or "9.5". There are major configuration differences between HMI versions, creating a high potential for corruption of the HMI core-load by manipulating multiple versions at the same time. There is also a potential for unforeseen conflicts, which Seller has not fully documented or discovered. Any issues created by intermixing different CIMPACT version HMIs, will be treated as out of warranty expenses. Support can be made available at site to restore HMIs using customer/site generated backup media and this assistance will be billed on a time and material basis.
- s. New HMIs and Historians are supplied with sufficient NIC (Network Interface Card) ports to support dual PDH/UDH networks. This does not imply that the new or existing site network has a redundant PDH/UDH network.
- t. The current screens and alarms will be copied to the new HMIs. This proposal does not include a change in language or additional screens being added. Significant customization of screens may require additional engineering time and hence a change in pricing.
- u. Existing Network wiring (power, networking, etc.) will be reused unless otherwise indicated. Additional Ethernet cabling or changes to the current design will/may constitute a Contract Change Order and will need to be quoted at the time of the work. All cabling, connections, or installation associated with relocating or networking the HMIs and Historian PCs, such as hubs or converters, are out of the scope of this proposal.
- v. Screen Format:
 - i. The Seller HMI CIMPACT screens are supplied as Widescreen ratio. Therefore, if a non-widescreen monitor is used with the HMI there will be "blank bars" on the top and bottom sides of the screen when displayed. The Seller can provide an optional price to provide monitors that would fill the widescreen presentation.

5.2 Application/ Product Specific Buyer/ End-user Responsibilities

The following represents the Buyer/End-user responsibilities which are specific to the product being supplied by the Seller.

5.2.1 General

- a. Buyer is responsible to identify any hazardous area (including levels of the hazardous areas with types of gasses which the equipment/personnel will be exposed to as defined by the NEC) within their facility that Seller proposed equipment and or wiring is in or passes through. This requirement is to ensure Seller maintains proper hazardous area practices where required by the site's EHSM practices and OSHA. The scope of supply of the Seller is expressly limited to the scope provided for in this proposal and pre-existing conditions of equipment not a part of the scope in this proposal is solely the Buyer's responsibility.

5.2.2 HMI

- a. Site information/data related to the current HMI installation. This data will be required prior to order acknowledgement and prior to the Seller building/designing the new system. This data will also be used to update the Network Topology (4108) drawing associated with this site/installation. The Site data shall include:
 - i. Existing as-running network topology drawings: The Seller assumes that a 4108 Network Topology drawing is available today.
 - ii. Other Network Information: Include any devices, communications and other items that are not shown on the current topology drawings.
 - iii. As Running software (must run software gathering tool). It is important that current data be collected from the equipment to avoid issues with the new equipment not arriving with current control constants, unit



software updates or screen updates. The Buyer/End-user is responsible for additional engineering or installation time required to update outdated information after it is originally supplied.

- iv. If the Buyer/End-user cannot provide the Seller with the above site data, the Seller will be obligated to retrieve the data. All time and related expenses associated with collecting the site information/data will be billed to the Buyer/End-User at actuals, per the Seller's Standard Services Rate Schedule in effect at the time of the work.
- b. Services pricing included assumes all units/machines associated with this HMI upgrade will be offline concurrently.
- c. New HMIs are supplied with sufficient NIC (Network Interface Card) ports to support dual PDH. This does not imply that the new or existing site network is a redundant PDH network.
- d. The current screens and alarms will be copied to the new HMIs. This proposal does not include a change in language or additional screens being added. Significant customization of screens may require additional engineering time and hence a change in pricing.
- e. Existing Network wiring (power, networking, etc.) will be reused unless otherwise indicated. Additional Ethernet cabling or changes to the current design will/may constitute a contract change order and will need to be quoted at the time of the work. All cabling, connections, or installation associated with relocating or networking the HMI operator interface computers, such as hubs or converters, are out of the scope of this proposal.
- f. Our records of the equipment on site may not be complete or accurate. Please review the HMI scopes carefully and select options that you require for your implementation.

5.3 Documentation Related Buyer/End-User Responsibilities

- a. Except where stated herein, all documentation and computer screens will be in English.
- b. Overall project cycle time is dependent upon receipt of current "Site data". It is Buyer/End-user's responsibility to provide the relevant Site Data in a timely manner. Seller's Project Manager will be assigned after receipt of order and will provide instructions for the download and transfer of site data as necessary. Site services to obtain the site data are not included in this offering but can be provided for an additional cost. Site Data includes, but is not limited to, 1) as running software.
- c. If this Site Data is not provided within two weeks upon placement of order, the possibility exists that the hardware/software may be engineered using default, generic data and a delay in delivery and/or an extended startup time may result.



6 Commercial

6.1 Price Summary

The price for the offering is Fixed for the scope of work in the proposal.

6.1.1 Base Scope Summary

Description	Price	Currency
HMI Upgrade <ul style="list-style-type: none"> - 9 Commercial HMI (Win 11 (note: Requires ControlST 8) - 1 RSG - Hardware, Software and Engineering 	\$518,500	USD
Network Upgrade <ul style="list-style-type: none"> - 1 Cisco 9300 Root Pair - 9 Cisco 9200 Edge Pairs - 8 IE3300 Switches - Network Engineering 	\$294,500	USD
Services <ul style="list-style-type: none"> - 1 Controls Field Engineer for 12 days on site and 2 Travel Days. Includes all Travel and Living. 	\$79,970	USD
Total	\$892,970	USD

The above prices are in US dollars, and do not include taxes or duties.

6.1.2 Optional Scope Summary

Description	Transfer Price	Currency
Historian <ul style="list-style-type: none"> - Server class Historian - 8000 points - 27 inch monitor - No Data Gap - 2 Days installation Services 	\$161,000	USD

6.1.3 Pricing Limitations and Considerations

- Unless otherwise indicated, the prices quoted herein are valid for the delivery of equipment in **2026** and performance of services in **2026**. Delivery of equipment or performance of services in years subsequent to these shall be subject to a price escalation fee equal to 4% per year of the contract price for the undelivered equipment or un-performed services.
- Prices quoted are based on the Assumptions and Clarifications as described in the Proposal Basis Section and performed per the Terms and Conditions referenced or provided herein.
- Seller reserves the right to review and re-quote this job if there is a discrepancy between this proposal and the purchase order. If Seller receives a specification between the issuance date of this proposal and receipt of the purchase order, Seller reserves the right to re-evaluate this proposal.
- Seller will evaluate changes to the specification, drawings, services or existing equipment. Seller will evaluate if these changes constitute a change in the quoted work scope or schedule. Seller will quote the changes and a change order must be received before work is to proceed.
- The pricing breakouts outlined in this proposal are for accounting purposes only and are not to be considered as standalone prices.
- The prices quoted herein exclude taxes or other regulatory fees.
- Travel and Lodging/Living ("T&L") expenses for Site Services are included.
- The Contract Price does not include the cost of any duties, tariffs, or other taxes and fees on imports implemented or imposed after the Proposal Date, in any jurisdiction ("Duties and Tariffs"). Seller reserves the right to adjust the



Contract Price to reflect the cost of Duties and Tariffs incurred by Seller to procure, manufacture and/or deliver the [Equipment/Products/Parts and materials].

6.2 Schedule

6.2.1 Equipment (Hardware and Software) Schedule

The After Receipt of Order ("ARO") date will be the date that the Seller **acknowledges** the Purchase Order, not the initial date that the Seller receives that PO.

The estimated timescale from acknowledgement of PO/contract to the Delivery (Incoterms) of the equipment is **42 weeks** and is based on current factory loading and lead times offered by the Seller and other vendors, if any.

6.2.2 Equipment Schedule Limitations

Delivery dates can vary depending on factory workload and should be confirmed before issue of order. Delays in receiving vital information from the Buyer/End-User or delays in receiving "review" drawings back from the Buyer/End-User will impact the ARO delivery dates. These delays may result in a day for day slip in the delivery schedule or a complete shift the delivery dates indicated herein.

Considering the unprecedented volatility in the electronic and commodities markets, should one or more critical items included in the scope of supply be adversely and materially affected by market conditions at the time of the Buyer purchase order to Seller (e.g. sudden unavailability or significant increase in procurement lead time, etc.), Seller shall promptly notify the Buyer of the expected impacts and the Parties shall meet and agree to a reasonable adjustment of contract price and delivery time.

When detailed drawings representing the Buyer/End-user's current (as-running), installed equipment cannot be made available to the Seller, it is critical that the Seller has sufficient time and physical access to the Buyer/End-user's equipment while in a Lock-out/Tag-out condition. This will allow the Seller to take measurements, design, manufacture, and **Field Fit** these portions of the total scope of supply. Some examples of this may include fuel valve/actuator/solenoid mounting plates, blanking plates, speed probe brackets, etc.

Seller's proposed schedule with milestone dates will be presented at the Project Kick-Off Meeting. This project schedule will illustrate the various activities from purchase order/contract receipt, through design, manufacture, testing, shipment and site services (if in work scope).

The overall price and cycle quoted herein requires full cooperation between the Seller and the Buyer/End-User, and adherence to key milestones dates specified as part of a project implementation plan. The specific milestone dates will normally be set during the Project kick-off meeting and will normally include, but may not be limited to, the following key project control points.

- a. Project Kick-Off Meeting (Buyer/End-user and Seller)
- b. Site survey and/or supply of applicable site data (Buyer/End-user and Seller)
 - i. Site data (Buyer/End-user)
 - ii. Drawings and documentation (Buyer/End-user)
 - iii. Logistics Data (Buyer/End-user and Seller)
- c. Drawing submittals (Seller)
- d. Design review and approval (Buyer/End-user)
- e. Design freeze (Buyer/End-user and Seller)
- f. Factory acceptance test/Buyer witness test (Buyer/End-user and Seller)
- g. Supply of documentation for shipment (Buyer/End-user)
- h. Support commissioning, start-up, site acceptance testing and handoff (Buyer/End-user and Seller)
- i. Delivery of documentation (Seller)

Unless otherwise agreed upon in advance, the work shall be executed in an uninterrupted and sequential fashion. If the work is interrupted by or for the convenience of the Buyer/End-user, or cannot be performed according to the schedule, the Seller has the right to submit a change order for incremental charges (for example multiple site trips or additional design review cycles, etc.). The Buyer/End-user shall be provided drawings of sufficient quality and thoroughness early in the project and be given one review cycle, to submit comments and request changes. The review cycle is typically three weeks long but depends on the project schedule and will be reviewed and agreed upon at the Kick Off Meeting. After the review cycle the design will be considered frozen and the cost and schedule impact of requested changes will increase.



6.2.3 Site Services Schedule Limitations

The Seller's Services Schedule is based on the following:

- a. Seller's Holidays, standby time or second/night shift work are not included, unless indicated otherwise.
- b. The Seller's onsite time includes **up to a maximum of two (2) hours** of site access safety and orientation training for the Seller's personnel. This training i) does not include additional mobilizations, ii) is assumed to occur on the plant site and iii) immediately upon arrival/initial mobilization (no special offsite training requirements). Site safety or access training which exceeds this allotment will be billed to the Buyer/End-User, as a Contract Change Order.
- c. Assumes work scope can be accomplished in an uninterrupted and sequential fashion per the agreed upon schedule.
- d. The Seller has included a fixed quantity of onsite time (and trip/s to site) to perform the site services work. These fixed quantities are based on the Seller's past experience for similar Work scope and installations on similar equipment and recognizes the Buyer/End-User's outage schedule.
- e. Assumes Buyer/End-User to supply enough craft labor and technicians to complete the installation of the Seller's supplied equipment per the schedule above. Delays caused by the Buyer/End-User or delays otherwise out of Seller's control will be billed to the Buyer/End-User as a Contract Change Order.
- f. Additional trips or onsite time not specifically identified i) above, ii) in this proposal or iii) not agreed to between the parties, prior to providing the additional services, will be billed to the Buyer/End-User, as a Contract Change Order.
- g. Delays in the performance of work beyond the reasonable control of Seller, or delays caused by acts of the Buyer or prerequisite work by others, shall entitle Seller to an adjustment of time and price for completion of its work and expenses resulting therefrom.
- h. To ensure safe and alert personnel, the Seller's EHS policy requires a rest period of 36 consecutive hours every 19 days. As such, Seller's schedule will implement one rest day for all personnel on site, at a minimum 19-day interval. By adding a lay-over day, our base offering does not include extra personnel for the rest period; safety is always a priority with both Seller and our Buyer/End-users. Seller can accommodate alternative schedules by adding personnel to site, these alternate schedules will be billed as an extra charge using the mutually agreed to change order process.
- i. In general, the Seller includes one (1) each ten (10) hour work day per HMI for the onsite work. A week at site is defined as Monday – Saturday on non-Holiday weeks. Additionally, the Seller includes two (2) each eight (8) hour days for travel to/from the jobsite. For projects with up to four (4) expected days at site the Seller will travel to site on Monday, start performing the services on Tuesday and travel home on or before Saturday. Sites/installations with greater than six (6) days at site or five (5) days if not working Saturdays will result in carry-over time for the non-worked weekend. Carry-over time is included in the pricing.

6.3 Terms and Conditions

Pursuant to the terms and conditions of the Long Term Parts & Long Term Service Contract between JEA and General Electric International, Inc. signed on June 26, 2000 (the "Agreement") and amended thereafter.

Accordingly, except as expressly set forth herein, this Proposal is subject to the terms and conditions of the Agreement and such terms and conditions shall apply without limitation, as if fully set forth herein. Unless otherwise defined herein, all capitalized terms used in this Proposal shall have the same meaning given to them in the Agreement.

Any additional or different terms and conditions set forth in any proposal or communication by or from JEA are expressly objected to and will not be binding upon Contractor unless specifically agreed in writing by an authorized agent of Contractor.

The following "Changes" Language is in addition to the Service Agreement above:

Each party may propose changes in the schedule or scope of Products and/or Services. Parties shall mutually agree on potential changes into the schedule or scope of a planned outage start date at least one hundred eighty (180) days before such start date to enable Seller's ability to fulfill the request. Seller is not obligated to proceed with any change until both parties agree upon such change in writing. The written change documentation will describe the changes in scope and schedule, and the resulting changes in price and other provisions, as agreed.

The scope, Contract Price, schedule, and other provisions will be equitably adjusted to reflect additional costs or obligations incurred by Seller resulting from a change, after Seller's proposal date, in (i) Buyer's Site-specific requirements or procedures, or (ii) industry specifications, codes, standards, or (iii) applicable laws, regulations, rules, Executive and/or Presidential Orders or similar orders with mandatory effect, Proclamations or memoranda, or National Security Directives,



or similar requirements or processes, in any jurisdiction in effect or implemented after such Seller's proposal date. Unless otherwise agreed by the parties, pricing for additional work arising from such changes shall be at Seller's time and material rates.

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

6.4 Payment Terms

Our Fixed Proposal is based upon the following invoicing schedule and terms:

- a. Payment Terms are **Net 30 days**
- b. Pricing is in United States Dollars (USD)

6.4.1 Invoicing Schedule

Our proposal is based upon the following invoicing schedule:

Invoicing Milestone	Invoice Amount
Seller's Acknowledgement of PO	30%
Shipment of Equipment	60%
De-Mobilization	10%
Total	100%

6.5 Validity

This Proposal is valid until **December 15, 2025**. It may be modified or withdrawn at any time by the Seller prior to receipt of Buyer's acceptance. Upon written notice to Buyer, this Proposal may be assigned, transferred, or novated by Seller in connection with a merger, consolidation, or sale of all or substantially all of Seller's assets to which this Proposal relates.



7 Appendices

7.1 Codes and Standards for HMI Products

Seller's HMI products are certified to or comply with applicable sections of the following codes and standards.

Standard Number/Legislation	Standard Title/Legislation Title
2011/65/EU	RoHS Directive
2014/30/EU EMC directive	EMC directive
2014/35/EU LVD Directive	Low Voltage Directive
47 CFR FCC Part 15 Sub Part B (Class A)	Federal Communications Commission: rules and regulations for EMC
CISPR 32	Electromagnetic compatibility of multimedia equipment -Emission requirements
EN 55024/CISPR 24	Information technology equipment - Immunity characteristics - Limits and methods of measurement
EN 55035	Electromagnetic compatibility of multimedia equipment - Immunity requirements
EN IEC 63000	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
IEC 60794-1-1	Optical fibre cables - Part 1-1: Generic specification - General
Indian Standard, IS 13252-1	Information Technology Equipment --Safety, Part 1: General Requirements [LTD 16: Computer Hardware, Peripherals and Identification Cards]
KS C 9832	Electromagnetic interference prevention test for multimedia equipment
Other standards	Upon request

7.2 Service Rates

The following Services Rate Sheet shall apply for work above/beyond that quoted in this quote/contract document.



GE Vernova

Gas Power CSS

Field Services Controls Rates

North America
United StatesEffective: 17-JUN-2025
Through: 31-DEC-2025**Technical Field Advisors**

	Curr.	Hourly*
Specialty Field Engineer/Advisor	USD	650
Unit Upgrade Field Engineer	USD	440
Cyber Security Field Engineer	USD	400
DCS Field Engineer	USD	345
OnCore Field Engineer	USD	315

Power Engineering Requests (ER)

USD 5,655

i. Rates include Standard Personal Protective Equipment (PPE). Standard PPE includes: steel toe capped boots; hard hat; safety glasses; ear defenders; standard coveralls & gloves. Any non-standard PPE issued will be billed at cost plus 30% administration fee.

ii. Purchased labor and materials will be billed at cost plus 30% Administration fee.

iii. Forgoing mentioned rates are exclusive of: special security arrangements, high cost living areas, cost of accommodation during local events creating shortages, client-required drug and health-related testing, quarantining, safety orientations, and security clearances.

Specialty Field Engineer/Advisor

Specialized technical advice and counsel related to inspection, testing, vibration analysis, laser alignment, combustion optimization, emissions reduction, repair and startup of turbine / generator and its associated control/excitation systems. Examples: Generator Specialist, Control TFA, Excitation/LCI TFA, Vibration Specialist, DLN Tuning, Diagnostics and Consulting.

Unit Upgrade Field Engineer

Technical advice and counsel related to upgrades of Mark* Controls Systems (Gas/Steam/Excitation/LCI/Compressor)

Cyber Security Field Engineer

Technical advice and counsel for Cyber Security activities, Installation, Network Appliances, Operating Systems & Commissioning

DCS Field Engineer

Technical advice and counsel related to DCS Installation, Startup, Commissioning, Troubleshooting, Preventive Maintenance, Technical Direction, Diagnostics, and Reports

OnCore Field Engineer

Technical advice and counsel related to Testing, Startup, Troubleshooting, Performance & Upgrades to OnCore Controls Systems (Gas/Steam/Excitation/LCI/Compressor)

Power Engineering Requests

The Gas Power Engineering Request ("ER") will provide technical support for customer questions. The customer will be charged for ER responses to one question on one topic (such as, historical records, fleet data, and unit specific data). For each follow-up question, responses and/or telephone call, GE will charge the customer at the rate listed above. GE will determine at its discretion whether any question warrants a funded engineering study. Any such engineering study will be quoted based on the customer's specifications.

* Standard Rate

** Travel & Living

*** Per Diem

Rate Terms

Normal	1.00X	Standard Rate
Overtime 1 (OT1)	1.50X	Standard Rate
Overtime 2 (OT2)	2.00X	Standard Rate
Peak	1.20X	Standard Rate
< 72 Hours Notice	2.00X	Standard Rate
Offshore jobs	1.50X	Standard Rate

A. The normal workday and normal workweek are defined as 8 consecutive hours and 5 consecutive normal workdays, respectively, excluding any holidays or weekends as per local regulations.

B. The OT1 rate above applies to billable hours on first weekend day and normal workday hours greater than 8 but less than 12 consecutive hours.

C. The OT2 rate above applies to billable hours on second weekend day, holidays and normal workday hours more than 12 consecutive hours.

D. Peak multiplier applies to billable hours at the applicable rate from March 1st to May 15th and October 1st to November 30th. When committed 60 days or earlier before start of peak period (date), the peak adder can be waived.

E. Travel time will be charged at the applicable hourly rate (i.e., standard rate times applicable multiplier(s) as set forth) on a round trip basis with point of departure.

F. Minimum billing of 8 hours daily for all services provided, including standby time. Minimum standby time is 8 hours daily at the standard rate (weekdays and weekends).

G. On completion of jobs, nightshift workers allowed 8 hours sleep / laying in time which is billable.

H. T&L** expenses will be billed for all days during the assignment including weekends, standby, and travel days by the GE representative providing the service.

I. T&L** expenses will be billed at USD 400 per person daily or consult with your local GE Gas Power representative for PD*** rate.

J. Services herein do not include supervision or management of purchaser's employees, agents or other contractors.

K. Consult with your local GE Gas Power representative to determine any applicable charges for tooling and/or test equipment or any taxes, fees or VAT that may be applicable in addition to the above rates.

L. Mobilization is 8 weeks after receipt of acceptable purchase order unless mutually agreed by customer and GE. Mobilizations within less than 72 hours are subject to Emergency Response Premium.

M. These published rates are conditioned upon an agreement under which GE's standard terms and conditions of sale apply (e.g., PSTC latest rev.).

© 2025 - Rev.0 - Rates subject to change without prior notice

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; **Note: Please provide justification.**
- (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; **Note: If this is a Single Source Standard or OEM, please provide proper backup documentation.**
- (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:

Vendor Name:

GE Vernova / Nexus

Description of Services or Supplies provided by Vendor:

As the control system OEM, GEV/Nexus will upgrade server, switch and HMI control system hardware and software that is nearing end of life.

Award #R01 Supporting Documents 01/15/2026

Certification:

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

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



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

Is this Single Source also a Ratification? Yes No If yes, explain

OR



Emergency Procurement - Please state which subsection of Section 3-113 above applies to this Emergency

Is this Emergency also a Ratification? Yes No If yes, explain

Ricky Erixton

Digital signature of Ricky Erixton

Date: 2025.12.10 14:09:50 -05'00'

12/10/2025

Signature of JEA Business Unit Chief (or designee)

Ricky Erixton

Name of JEA Business Unit Chief (or designee)

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.

TECHNICAL MEMORANDUM

Electric Production: Sole Source Justification for BGS server, switch and HMI control system hardware and software Upgrades

PREPARED FOR: JEA Procurement

PREPARED BY: David Biruk

DATE: 12/10/2025

1.0 Background

Brandy Branch Generating Station utilizes a GE Vernova/Nexus Controls Mark Vie Distributed control system (DCS) to operate the plant. In addition to the DCS hardware cabinets, a network of servers, switches and HMI's are used to allow the control room operator to interface with the DCS using GEV proprietary software.

The HMI's and Servers utilize Microsoft Server/Windows for their operating software and are currently running versions that are nearing end of life. Windows 10 LTSB will reach end of life in October 2026. The network switches will also reach end of support in October 2026. This system is considered a low impact NERC-CIP asset and is required to run supported software to ensure security and compliance.

2.0 Justification

GE Vernova/Nexus Controls is the OEM for the Mark Vie control system. The GEV software is proprietary and must come from GEV/Nexus. Utilizing the OEM for the hardware and software upgrades ensures the system remains reliable and meets security requirements for best practices and NERC-CIP compliance.

3.0 Recommendations

Purchase Server, HMI and Switches with supported software from the control system OEM GE Vernova/Nexus controls