

AWARDS COMMITTEE MINUTES

Awards Committee met on **August 15, 2019**, in the Conference Room, 8th Floor, JEA Tower, 21 West Church Street, Jacksonville, Florida. The meeting was called to order at 10:00 a.m.

Members in attendance were Jenny McCollum as Chairperson, Laure Whitmer as Budget Representative, Miriam Hill as General Counsel Representative; with John McCarthy, Deryle Calhoun, Ted Hobson, and Caren Anders as voting Committee Members;

Lynn Rix, Jason Behr, Lisa Pleasants, Joe Perez, David King, Brian Phillips, Tim Meyers, Brian Gaines, Maurice Scarboro, Heather Beard, Theron Colbert, Rodney Lovgren, Rachelle Weir

Awards:

1. Approval of the minutes from the last meeting (08/08/2019). **APPROVED**

2. 080-19 – Request approval to award a contract to Plibrico Inc. for Northside Generating Station Refractory Repair Services in the amount of \$4,389,164.82, subject to the availability of lawfully appropriated funds. **APPROVED**

3. 110-19 – Request approval to award a contract to Sawcross, Inc. for construction services for Lakeshore Wellhead No. 2 Rehab in the amount of \$366,000.00, subject to the availability of lawfully appropriated funds. **APPROVED W/DISCUSSION**

4. Request approval to award a change order to Mechanical Dynamics and Analysis for Combustion Turbine No. 6 Major, HGP and Compressor Inspection and Repair in the amount of \$273,473.20 for a new not-to-exceed amount of \$1,024,718.20, subject to the availability of lawfully appropriate funds. **APPROVED**

5. 058-19 – Request approval to award a contract to Hazen and Sawyer for an engineering study for the Innovative Wastewater Collection and Treatment Program project in the amount of \$1,586,411.00, subject to the availability of lawfully appropriated funds. **APPROVED W/DISCUSSION**

6. 104-19 – Request approval to award a contract to Electric Builders, Inc. for Isolated Phase Bus Clean and Inspect at Northside Generating Station for Unit 3 in the amount of \$438,281.00, subject to the availability of lawfully appropriate funds. **APPROVED W/DISCUSSION**

7. **DEFERRED** - Request approval to award a change order to E-Smart Systems to enhance the enabling technology support of customers on the Home Energy Management Pilot in the amount of \$227,200.00, for a new not-to-exceed amount of \$473,810.00, subject to the availability of lawfully appropriated funds.

Informational Item: N/A

Ratifications: N/A

Public Comments: N/A

Adjournment: 10:10 a.m.



Formal Bid and Award System

Award #2 08/15/2019

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Request #: 6585
Requestor Name: Howard, Joshua
Requestor Phone: 904-665-7831
Project Title: Northside Generating Station Refractory Repair Services
Project Number: 30300 (FY 20 budget lines 186, 197 and 226)
Project Location: JEA
Funds: O&M
Budget Estimate: \$5,000,000.00 (Budget Amount)

Scope of Work:

The purpose of this Invitation to Negotiate (the "ITN") is to evaluate and select a contractor that can provide refractory repair services for JEA's Electric Generating Stations (also referred to as the "Work" or "Services").

The scope of services includes, but is not limited to, furnishing all supervision, labor, materials, tools, equipment, consumables, and subcontractors necessary for refractory installation which includes:

- Brick mason work and anchor installation
- Pour casting
- Pneumatic gunning
- Spray applications
- Materials & equipment receiving, unloading, hauling, staging and storage at designated locations
- Qualifications Testing (both material and applicator) and the performance of other associated operations for all material, structures, equipment and accessories described herein

This service contract will positively affect JEA Measures of Value:

- Customer Value: Maintenance programs increase safe operational reliability and stability
- Financial Value: Correctly planned and timed inspections and maintenance, limit personnel and equipment liability during emergencies, downtime and need to purchase ad hoc services at higher rates.

JEA IFB/RFP/State/City/GSA#: 099-19
Purchasing Agent: Lovgren, Rodney
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
PLIBRICO COMPANY LLC	Deryle Oberry	doberry@plicbrico.com	1401 Chamber Drive, Bartow FL 33830	863-519-5044	\$4,389,164.82

Amount for entire term of Contract/PO: \$4,389,164.82
Award Amount for remainder of this FY: \$0.00

Length of Contract/PO Term: Five (5) Years w/ Two (2) - One (1) Year Renewals
Begin Date (mm/dd/yyyy): 08/30/2019
End Date (mm/dd/yyyy): 08/29/2024
Renewal Options: Yes - Two (2) - One (1) Year Renewals
JSEB Requirement: N/A – Optional

BIDDERS:

Name	Original Amount	Original Rank	BAFO Amount	BAFO Rank
PLIBRICO COMPANY LLC	\$4,689,560.34	1	\$4,389,145.38	1
ATLANTIC FIRE BRICK	\$6,715,393.85	2	\$5,418,931.65	2

Advertised on 05/13/2019. Four (4) prime contractors attended the optional pre-response meeting held on 05/21/2019. At Response opening on 06/18/2019, JEA received two (2) Responses. Two (2) Respondents were short-listed and invited to submit Best and Final Offers (BAFO). JEA evaluated the companies only on price. Plibrico Inc. (the incumbent) is the lowest responsive and responsible Respondents. A copy of the BAFO bid form, workbooks and BAFO evaluation summary are attached as backup.

The work for this contract will be maintenance and call out repairs coordinated during operations and outages. Payments will be made in accordance with the unit prices on the bid workbook.

The equipment unit prices and markups are fixed for the term of the contract, labor rates are fixed for the first year and subject to Company / International Bricklayers and Craftworkers Labor Union (IBAC) contract labor rate price adjustment (published contract documentation) in lieu of CPI, not to exceed 3% annually.

The award amount of \$4,389,164.82 is \$610,835.18 less than the budget estimate of \$5,000,000.00. A budget reduction may be made in future fiscal years, based on repair and maintenance actuals.

Plibrico lowered their total bid price by \$300,414.96 or approximately six percent (6%) in the BAFO round. The pricing approach was changed from previous incumbent contract to this Bid (JEA removed itemized small rental equipment, small billed equipment and tool & supply billing and replaced with an overhead markup). This yields an approximate four percent (4%) decrease or \$187,904.32 in forecast charges over the life of the contract.

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

- **Total cost difference:** \$187,904.32
- **Total sourcing savings:** \$112,510.64 (BAFO savings)

080-19 – Request approval to award a contract to Plibrico Inc. for Northside Generating Station Refractory Repair Services in the amount of \$4,389,164.82, subject to the availability of lawfully appropriated funds.

Manager: Howard, Joshua P. - Mgr Energy Production Maintenance
Director: Pruitt, Chris N. - Sr Mgr Generation Support
Sr. Director: Kipp, James R. - Sr Dir Generation
VP: Anders, Caren B. - VP/GM Energy

APPROVALS:



Chairman, Awards Committee **Date** 8/15/19



Manager, Capital Budget Planning **Date** 8/15/19



Formal Bid and Award System

Award #3 08/15/2019

Type of Award Request: BID (IFB)
Request #: 6632
Requestor Name: Gaines, Brian A.
Requestor Phone: (904) 665-6246
Project Title: Lakeshore Wellhead No. 2 Rehabilitation
Project Number: 8003982
Project Location: JEA
Funds: O&M
Budget Estimate: \$342,000.00 (Construction Budgeted for this work)

Scope of Work:

The Lakeshore Water Treatment Plant (WTP) is located in the Lakeshore neighborhood and serves the surrounding area. In March of 2015, there was a rupture in the discharge piping at Well No. 2 resulting in damage to the pump, piping, wellhead, and well building. This is a request to procure construction services for the rehabilitation of the existing wellhead, including demolition of remaining infrastructure and installation of a pump, motor, piping, and associated appurtenances for the Lakeshore WTP – Wellhead No. 2 Rehabilitation project.

This project impacts the following JEA Measures of Value:

- **Customer Value:** Given the artesian nature of the well, the approved design removes the threat of potentially flooding neighbors during regular maintenance activities. Updating the site plan will also properly secure the location in accordance with current JEA Standards.
- **Community Impact Value:** Restores Plant reliability by placing supply well back in full service and updating generator receptacles to allow quick support in emergencies.
- **Financial Value:** This project removes the financial burden of having nonproductive assets in-place.

JEA IFB/RFP/State/City/GSA#: 110-19
Purchasing Agent: King, David
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
SAWCROSS, INC.	Mark Hickinbotham	markh@sawcross.com	10970 New Berlin Rd. Jacksonville, FL 32226	(904) 751-7500	\$366,000.00

Amount for entire term of Contract/PO: \$366,000.00
Award Amount for remainder of this FY: \$0.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 11/01/2019
End Date (mm/dd/yyyy): Project Completion (Expected: 05/2020)
JSEB Requirement: Five Percent (5%) Goal
Comments on JSEB Requirements:

Comments on JSEB Requirements:

J.B Materials (Mechanical Materials) - 5%

BIDDERS:

Name	Amount
SAWCROSS, INC.	\$366,000.00
PETTICOAT-SCHMITT CIVIL CONTRACTORS, INC.	\$369,845.00
WILLIAMS INDUSTRIAL SERVICES, INC.	\$401,099.00

Background/Recommendations:

Advertised on 06/17/2019. Four (4) prime contractors attended the mandatory pre-bid meeting held on 06/26/2019. At Bid opening on 07/30/2019, JEA received three (3) Bids. Sawcross, Inc. is the lowest responsive and responsible Bidder. A copy of the Bid Form is attached as backup.

The award amount of \$366,000.00 is approximately seven percent (7%) higher than the budget estimate and is deemed reasonable. Increase in bid amount is believed to be in relation to bidder uncertainty around the pump specification. Additional information is being gathered and the questions will be resolved prior to construction. A new budget trend will be submitted to match the award and overall project budget. Any excess capital funds will be returned to the capital project holding accounts, after project completion.

The project details are below:

- Original Overall Project Budget: \$523,388.00
 - Engineering Estimate: \$143,388.00 (Hazen and Sawyer)
 - Construction Estimate: \$300,000.00
 - Internal JEA Costs: \$80,000.00
- Revised Budget: \$521,869.56 (100% Design)
 - Revised Engineering Cost: \$132,869.56
 - Revised Construction Cost: \$342,000.00
 - Revised Internal JEA Costs: \$47,000.00
- Estimate at Completion: \$545,235.56
 - Engineering Cost: \$132,869.56
 - Actual Construction Cost: \$366,000.00
 - Internal JEA Costs: \$46,366.00
- Original Project Schedule:
 - Engineering Completion: June 2018
 - Construction Completion: April 2020
- Revised Project Schedule:
 - Engineering Completion: May 2019
 - Construction Completion: April 2020

110-19 – Request approval to award a contract to Sawcross, Inc. for construction services for Lakeshore Wellhead No. 2 Rehab in the amount of \$366,000.00, subject to the availability of lawfully appropriated funds.


Manager: Phillips, Brian R. - Mgr W/WW Project Management
Director: Conner, Sean M. - Dir W/WW Project Engineering & Construction
VP: Calhoun, Deryle I. - VP/GM Water Wastewater Systems

APPROVALS:

 _____ 8/15/19

Chairman, Awards Committee

Date

 _____ 8/15/19

Manager, Capital Budget Planning

Date



Formal Bid and Award System

Award #4 08/15/2019

Type of Award Request: CHANGE ORDER
Request #: 6615
Requestor Name: Meyer, Tim
Requestor Phone: 904-665-4871
Project Title: Combustion Turbine No. 6 Major, HGP and Compressor Inspection and Repair
Project Number: 8005639
Project Location: JEA
Funds: Capital
Budget Estimate: \$1,200,000.00 (total project budget)

Scope of Work:

The purpose of this Invitation to Negotiate (the "ITN") is to evaluate and select a contractor that can provide General Electric Combustion Turbine overhaul disassembly, equipment and parts cleaning, and re-assembly of one General Electric (GE) MS-7001 Frame 7B gas turbine (CT), designated Northside CT 6, serial number 237980. The scope of work will include the disassembly of the hot gas path and compressor. Disassembly, cleaning, and assembly shall be done following the GE outage manual methods or other approved method. All inspection data (disassembly and reassembly) shall be taken in accordance with the GE Maintenance Overhaul Manual and latest OEM recommendations. The scope of work will also include a major inspection, Non-Destructive Examination (NDE) where required, and repair of all damaged components. Once the components have been NDE'd and ground out and are ready for weld repair JEA may elect to send a representative to visit the shop. All components deemed to be scrap shall be returned to JEA. All NDE shall be done on site.

The work will be planned to commence August 31, 2019 through September 30, 2019. Note, should any significant issues be found JEA may elect to extend the outage.

This project will positively affect JEA Measures of Value:

This Service Contract will positively affect JEA Measures of Value:

- Customer Value: Maintenance programs increase operational reliability and stability
- Community Impact Value: Improved operational reliability of the plant
- Environmental Value: Improved operating equipment efficiency decreases overall impact on the environment
- Financial Value: Correctly planned and timed equipment maintenance, decreases emergent repairs, downtime and need to purchase ad hoc services at higher rates

JEA IFB/RFP/State/City/GSA#: 104-19
Purchasing Agent: Lovgren, Rodney D.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
MECHANICAL DYNAMICS & ANALYSIS	Tim Allison	tallison@mdaturbines.com	19 British American Blvd, Latham, NY 12110	(518) 399-3616	\$273,473.20

Amount of Original Award:	\$751,245.00
Date of Original Award:	07/18/2019
Change Order Amount:	\$273,473.20
New Not-To-Exceed Amount:	\$1,024,718.20
Length of Contract/PO Term:	Project Completion
Begin Date (mm/dd/yyyy):	08/01/2019
End Date (mm/dd/yyyy):	Project Completion (9/30/2019)
JSEB Requirement:	N/A - Optional

Background/Recommendations:

Competitively bid and approved by the Award Committee on 07/18/2019 in the amount of \$751,245.00 to Mechanical Dynamics and Analysis. A copy of the original award is attached as backup.

Optional pricing was listed on the Bid, however not included in the original award, as a pending boroscope inspection had not been completed. Since the original award a Boroscope inspection was completed on CT 6 on August 3, 2019, the resultant report was provided to MD&A to review to provide T&M repair estimates and comment with the actions that will likely be required during the rotor pull.

The net result of the additional known work and estimated supplemental work is currently as follows:

- Repair Options (executing options from original bid): **\$96,517.00**
- T&M Repair Work Estimate: **\$83,800.00**
- SWA – (10% of; Original Award + Repair Options + T&M Repair Work): **\$93,156.20**

As a comparison, CT 5 went through a similar overhaul, in which the Repair Options, T&M Work and used SWA for and adder of \$271,287.15. JEA considers the current forecast for the current scope of the CT 6 overhaul reasonable.


Request approval to award a change order to Mechanical Dynamics and Analysis, for Combustion Turbine No. 6 Major, HGP and Compressor Inspection and Repair in the amount of \$273,473.20 for a new not-to-exceed amount of \$1,024,718.20, subject to the availability of lawfully appropriated funds.

Manager:	Akroyi, Jamila R. - Mgr Project Management
Director:	Limbaugh, Margaret Z. - Dir Energy Project Management
Sr. Director:	Acs, Gabor - Sr Director Engineering & Projects
VP:	Anders, Caren B. – VP / GM Energy

APPROVALS:

 8/15/19

Chairman, Awards Committee Date

 8/15/19

Manager, Capital Budget Planning Date



Formal Bid and Award System

Award #5 08/15/2019

Type of Award Request: PROPOSAL (RFP)
Request #: 6504
Requestor Name: Hurford, John W.
Requestor Phone: (904) 665-7314
Project Title: Innovative Wastewater Collection and Treatment Program
Project Number: Line 827
Project Location: JEA
Funds: O&M
Budget Estimate: \$1,500,000.00

Scope of Work:

JEA is seeking an innovative wastewater collection and treatment solution or group of solutions to efficiently and cost effectively provide wastewater collection and treatment to those areas of JEA’s service territory where utility service is currently not available, or in which septic tanks are in use. JEA is seeking a Consultant that will provide a solution(s) that takes into account public health, environmental protection, is cost effective, and operationally sustainable.

The selected Consultant will assemble a highly qualified team experienced with the various wastewater treatment processes as well as being able to develop innovative solutions to minimize both costs and community impact during construction. The team’s task will be to evaluate the various locations, determine the most suitable approach for collecting and treating the sewer flows, including potential final disposal methods if localized treatment is a viable solution. All solutions must comply with the Florida Department of Environmental Protection’s rules and regulations.

This award positively impacts the following JEA’s Measures of Value:

- Customer Value – This study will provide options to supply customers with reliable wastewater services.
- Community Value – This study will show how to provide the opportunity for those without wastewater service to connect to JEA’s system.
- Environmental Value – This study will show how to connect customers to JEA’s wastewater system in the most cost effective way allowing septic tanks to be abandoned that may cause environmental damage to the St. Johns River.
- Financial Value – This study will determine the most cost effective way to add new customers who currently have septic tanks to the JEA wastewater business.

JEA IFB/RFP/State/City/GSA#: 058-19

Purchasing Agent: Kruck, Daniel R.

Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
HAZEN AND SAWYER	Josefin Hirst	jhirst@hazenandsawyer.com	6675 Corporate Center Pkwy, Ste 330, Jacksonville FL 32216	(609) 296-1503	\$1,586,411.00

Amount for entire term of Contract/PO: \$1,586,411.00

Award Amount for remainder of this FY: \$0.00

Length of Contract/PO Term: Project Completion

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

End Date (mm/dd/yyyy): Project Completion (Expected: April 2021)

JSEB Requirement: N/A - Optional

PROPOSERS:

Name	Amount	Rank
HAZEN AND SAWYER	\$1,586,411.00	1
WRIGHT-PIERCE INC.	N/A	2
LOMBARDO ASSOCIATES INC.	N/A	3
CONSTANTINE ENGINEERING INC.	N/A	4
GANNET FLEMING INC.	N/A	5

Background/Recommendations:

Advertised on 03/15/2019. Six (6) prime companies attended the mandatory pre-proposal meeting held on 03/25/2019. At proposal opening on 04/16/2019, JEA received five (5) Proposals. The public evaluation meeting was held on 05/29/2019 and JEA deemed Hazen and Sawyer most qualified to perform the work. A copy of the evaluation matrix and negotiated fees are attached as backup.

Negotiations with Hazen and Sawyer were successfully completed. The proposed engineering study fees of \$1,586,411.00 is 5.76% higher than estimated due to the addition of an owner's allowance that will only be used if JEA requires additional services. The study fee is deemed reasonable when compared to past engineering studies completed by other firms. The tasks to be completed under this study are listed below:

Task	Total Fee	Payment Basis
Phase 1		
Task 1: Program Initiation and Management	\$89,200.00	Lump Sum
Task 2: Literature & Industry Best Practices Review	\$313,170.00	Lump Sum
Task 3: Technology Evaluation	\$215,628.00	Time & Materials
Task 4: Wastewater Management Strategies and Institutional Framework Evaluation	\$192,856.00	Time & Materials
Task 5: Phase 1 Reporting	\$80,268.00	Lump Sum
Phase 2		
Task 6: Characterization of Septic Tank Phase-out Priority Areas	\$154,228.00	Lump Sum
Task 7: Application of Strategies and Technologies to Wastewater Management Areas	\$354,548.00	Time & Materials
Task 8: Master Plan Report	\$90,908.00	Lump Sum
Task 9: Owner's Allowance <ul style="list-style-type: none">• Grant funding and financing assistance• Communication allowance	\$95,605.00	Time & Materials
Total	\$1,586,411.00	


058-19 – Request approval to award a contract to Hazen and Sawyer for an engineering study for the Innovative Wastewater Collection and Treatment Program project in the amount of \$1,586,411.00, subject to the availability of lawfully appropriated funds.

Manager: Mackey, Todd D. - Mgr W/WW Reuse Treatment Maint Planning & Eng


Director: Vu, Hai X. - Dir W/WW & Reuse Treatment

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

APPROVALS:

 _____ 8/15/19

Chairman, Awards Committee **Date**

 _____ 8/15/19

Manager, Capital Budget Planning **Date**



Formal Bid and Award System

Award #6 08/15/2019

Type of Award Request: BID (IFB)
Request #: 6631
Requestor Name: Colbert, Theron, Electric Systems Engineer
Requestor Phone: 904-665-7628
Project Title: Isolated Phase Bus Clean and Inspect at Northside Generating Station for Unit 3
Project Number: R12X30300 (budget line 237)
Project Location: JEA
Funds: O&M
Budget Estimate: \$447,964.00

Scope of Work:

JEA is soliciting Bids for the cleaning, inspecting and cryogenic cleaning of the Isolated Phase Bus Duct System for North Side Generating Station Units 3.

The NGS outage is scheduled for November 7, 2019 thru December 7, 2019. It is anticipated that this work may begin on the fourth day of the outage, November 11, and must complete by end of business November 29, 2019. No extensions will be granted.

This scope of work includes inspecting, cleaning and testing the Isolated Phase Bus (IPB) system between the Generator Terminals and the step-up power transformers. The Bidder shall furnish all equipment, supervision, labor, transportation, tools and expendables to clean by removing all foreign matter, inspect and make repair recommendations, for the existing IPB.

This Service Contract will positively affect JEA Measures of Value:

- Customer Value: Maintenance programs increase operational reliability and stability
- Community Impact Value: Improved operational reliability of the plant
- Environmental Value: Improved operating equipment efficiency decreases overall impact on the environment
- Financial Value: Correctly planned and timed equipment maintenance, decreases emergent repairs, downtime and need to purchase ad hoc services at higher rates

JEA IFB/RFP/State/City/GSA#: 111-19
Purchasing Agent: Lovgren, Rodney D.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
ELECTIC BUILDERS, INC.	Mitch Pallansch	mpallansch@electricalbuilders.com	2720 1-1/2 Street South	(320)257-9008	\$438,281.00

Amount for entire term of Contract/PO: \$438,281.00
Award Amount for remainder of this FY: \$0.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 09/01/2019
End Date (mm/dd/yyyy): Project Completion (12/31/2019)
JSEB Requirement: N/A - Optional

BIDDERS:

Name	Amount	Disqualified
ELECTRIC BUILDERS, INC.	\$438,281.00	No
CROWN ELECTRIC ENGINEERING AND MANUFACTURING, LLC	\$488,800.00	No
SE ENERGY, LLC	\$171,608.96	Yes
RMS ENERGY, LLC	\$225,700.00	Yes

Background/Recommendations:

Advertised on 06/28/2019. Four prime contractors attended the mandatory pre-bid meeting held on 06/26/2019. At Bid opening on 06/30/2019, JEA received four (4) Bids. Electric Builders Incorporated is the lowest responsive and responsible Bidder. A copy of the Bid Form is attached as backup.

The award amount is approximately 2.2% lower than the budget estimate and is deemed reasonable.

104-19 – Request approval to award a contract to Electric Builders, Inc. for Isolated Phase Bus Clean and Inspect at Northside Generating Station for Unit 3 in the amount of \$438,281.00, subject to the availability of lawfully appropriated funds.

Manager: Akrayi, Jamila R. - Mgr Project Management
Director: Limbaugh, Margaret Z. - Dir Energy Project Management
Sr. Director: Acs, Gabor - Sr Director Engineering & Projects
VP: Anders, Caren B. - VP/GM Energy

APPROVALS:

 8/15/19
 _____ Date
Chairman, Awards Committee
 8/15/19
 _____ Date
Manager, Capital Budget Planning