



## **AWARDS COMMITTEE MINUTES**

Awards Committee met on **November 08, 2018**, 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, Emerson Lotzia as General Counsel Representative; with John McCarthy, Mike Brost, Deryle Calhoun, Paul Cosgrave as voting Committee Members;

Lynn Rix, Jason Behr, Cecil Camacho, Joe Perez, Maurice Scarboro, Rodney Lovgren, Bradley Collier, Brian Phillips, Lisa Pleasants, Melanie Newton Green, Matthew Poteet, Gregg Griffin, Dan Kruck, Elaine Selders, Samuel Ramirez, Gabor Acs

### **Awards:**

1. Approval of the minutes from the last meeting (11/01/2018).
2. 144-18 – Request approval to award a contract to F&G Construction Contractors, Inc. for construction services for New Construction of the Buckman Water Reclamation Facility (WRF) Administration Building in the amount of \$3,480,000.00, subject to the availability of lawfully appropriated funds. **APPROVED w/Discussion**
3. **DEFERRED** - Request approval to award to Oracle America Inc. for Oracle Customer to Meter (C2M) Migration, Licenses, Support and Professional Services in the amount of \$8,412,829.88, subject to the availability of lawfully appropriated funds.
4. Request approval to award a change order to CDM Smith Inc for additional design/engineering for the Bradley Road Pump Station Improvements project in the amount of \$367,179.00, for a new not-to-exceed amount of \$1,789,544.00, subject to the availability of lawfully appropriated funds. **APPROVED w/Discussion**
5. Request approval to award a change order to Constantine Engineering Inc for additional design/engineering for the Buckman – 5301 Buffalo Ave – Class III/IV Pump Station Rehabilitation project in the amount of \$89,863.38, for a new not-to-exceed amount of \$539,487.56, subject to the availability of lawfully appropriated funds. **APPROVED w/Discussion**
6. 113-18 - Request approval to award contracts for crane, rigging and heavy hauling services to Sims Crane and Equipment for \$803,600.00 and to Beyel Bros Inc. for \$334,400.00, for a not-to-exceed amount of \$1,148,000.00, subject to the availability of lawfully appropriated funds. **APPROVED w/Discussion**
7. 062-17 - Request approval to award a contract increase to SPX Transformer Solutions Inc. for the purchase of substation transformers in the amount \$5,625,272.00 for a new not-to-exceed contract amount of \$10,054,615.60 and no change to the ABB original award amount of \$3,254,864.00, for a new Total Award not-to-exceed amount of \$13,309,479.60, subject to the availability of lawfully appropriated funds. **APPROVED w/Discussion**

8. Standard - Request approval to award a contract increase to Sentient Energy Inc for fault indicator equipment in the amount of \$318,750.00, for a new not-to-exceed amount of \$2,612,250.00, subject to the availability of lawfully appropriated funds. **APPROVED w/Discussion**

**Ratifications:** N/A

**Informational Items:** N/A

**Public Comments:** N/A

**Adjournment:** 10:39 a.m.



## Formal Bid and Award System

Award #2 November 8, 2018

**Type of Award Request:** BID (IFB)  
**Request #:** 6343  
**Requestor Name:** Selders, Elaine L.  
**Requestor Phone:** (904) 665-7850  
**Project Title:** New Construction of the Buckman Water Reclamation Facility (WRF) Administration Building  
**Project Number:** 8003510  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** \$3,611,000.00

**Scope of Work:**

JEA is soliciting Bids from contractors (hereinafter referred to as "Company") for the construction services for a new administrative building located at the Buckman Water Reclamation Facility (WRF). The proposed building will be a one (1)-story structure with load bearing masonry walls and interior steel columns supporting a steel bar joist roof.

The Buckman WTP Administration building was designed in the 1960's. Although the building has been renovated since the original build date, an evaluation was performed in February 2015 by Smith McCrary Architects Inc. establishing that the building does not fall within current building code standards. This project aligns with Wastewater's Buckman Biosolids Capital Conversion Project that is underway. It is the purpose of this project to bring the Buckman Administration building to current Building, ASHRAE, BACNET, and ADA standards.

**JEA IFB/RFP/State/City/GSA#:** 144-18  
**Purchasing Agent:** Selders, Elaine Lynn  
**Is this a Ratification?:** NO

**RECOMMENDED AWARDEE(S):**

Name	Contact Name	Email	Address	Phone	Amount
F&G Construction Contractors, Inc	Amy Austin	aaustin@fandgconstruction.com	2734 Edison Avenue Jacksonville, FL 32254	(904) 388- 5707	\$3,480,000.00

**Amount for entire term of Contract/PO:** \$ 3,480,000.00  
**Award Amount for remainder of this FY:** \$ 2,708,250.00  
**Length of Contract/PO Term:** Project Completion  
**Begin Date (mm/dd/yyyy):** 12/01/2018  
**End Date (mm/dd/yyyy):** Project Completion (Expected: 01/09/2020)  
**JSEB Requirement:** Five (5)% Goal  
**Comments on JSEB Requirements:**

B&G Refrigeration, Inc. (Electrical) - 10%

**BIDDERS:**

Name	Amount
F&G CONSTRUCTION CONTRACTORS, INC.	\$3,480,000.00
CHARLES PERRY PARTNERS INC.	\$3,647,000.00

**Background/Recommendations:**

Advertised on 08/28/2018. Ten (10) prime contractors attended the mandatory pre-bid meeting held on 09/07/2018. At the Bid opening on 10/23/2018, JEA received two (2) Bids and one (1) no bid response. It was determined that the low participation for this project was due to current workloads being too high or that the project was too large for their company to complete. F&G Construction Contractors, Inc. is the lowest responsive and responsible Bidder. A copy of the Bid Form is attached as backup.

The award amount of \$3,480,000.00 is approximately 3.6% lower than the budget estimate, and the project costs have been deemed reasonable. A new budget trend will be submitted to match the award.

144-18 – Request approval to award a contract to F&G Construction Contractors, Inc. for construction services for New Construction of the Buckman Water Reclamation Facility (WRF) Administration Building in the amount of \$3,480,000.00, subject to the availability of lawfully appropriated funds.

**Manager:** Poteet, Matt D., Associate Mgr, Facilities Capital Projects  
**Director:** McElroy, Alan D. - Manager Fleet Services  
**VP:** McCarthy, John P. - Dir, Supply Chain Management

**APPROVALS:**

  
\_\_\_\_\_  
**Chairman, Awards Committee** **Date**

  
\_\_\_\_\_  
**Manager, Capital Budget Planning** **Date** 11/8/18



## Formal Bid and Award System

Award #4 November 8, 2018

**Type of Award Request:** CHANGE ORDER  
**Requestor Name:** Phillips, Brian R.  
**Requestor Phone:** (904) 665-7625  
**Project Title:** Bradley Road Pump Station Improvements  
**Project Number:** 8002274  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** N/A

### Scope of Work:

Bradley Road Master Pump Station (formerly called St. Johns Bluff Station) is located at 10477 Bradley Road, near the intersection of St. Johns Bluff Road and Bradley Road. This is a critical wastewater pump station in the JEA system with average daily flows of approximately 9500 gpm (over 13 MGD). The facility is over 40 years old, and is in need of replacement/upgrading.

Initially, JEA selected two firms to do a study for \$75,000.00 each to evaluate the current status of the pump station and to recommend the most cost effective solution to meet the future needs of the station. CDM Smith was awarded a change order for the design of a new booster station. Several operational and resiliency changes have been made to the original design concept as reflected by the following change orders awarded to CDM:

- Hydraulic modeling and overhead bridge crane;
- Force main system recommendations and connectivity investigation;
- Resiliency Modifications (backup power system, storm proofing of building, instrumentation, IT, and security upgrades).

**JEA IFB/RFP/State/City/GSA#:** 019-14  
**Purchasing Agent:** Kruck, Daniel R.  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
CDM SMITH INC.	Patrick Victor	victorpr@cdmsmith.com	8381 Dix Ellis Trail Suite 400, Jacksonville, FL 32256	(904) 527-6736	\$367,179.00

**Amount of Original Award:** \$75,000.00  
**Date of Original Award:** ~~05/22/2018~~ 05/22/2014  
**Change Order Amount:** \$367,179.00

### List of Previous Change Order/Amendments:

CPA #	Amount	Date
136820	\$934,770.00	03/23/2015
136820	\$98,020.00	01/27/2016

136820	\$185,640.00	11/03/2016
136820	\$128,935.00	05/30/2017

**New Not-To-Exceed Amount:** \$1,789,544.00  
**Length of Contract/PO Term:** Project Completion  
**Begin Date (mm/dd/yyyy):** 06/16/2014  
**End Date (mm/dd/yyyy):** Project Completion (Expected: November 2021)  
**JSEB Requirement:** Ten Percent (10%) Goal

**Comments on JSEB Requirements:**

Original Award:

C&ES Consultants (Permitting) - 5%  
Meskel & Associates (Geotechnical) - 5%

This Change Order

C&ES Consultants (Site/Civil) – 8.8%

**Background/Recommendations:**

Originally approved by Awards Committee on 05/22/2014 in the amount of \$75,000.00 to CDM Smith Inc. A copy of the original award is attached as backup.

CDM Smith and CH2M Hill were each awarded contracts on 05/22/2014 to conduct studies that evaluated the current status of the station and made recommendations on the most cost effective solution to meet future needs. The study from CDM Smith received the highest evaluation. On 03/12/2015, change order No.1 for \$934,770.00 to CDM Smith was approved by the Awards Committee for the design of the new station. A copy of the change order award is attached as backup.

On 01/27/2016, an additional change order for \$98,020.00 was issued to CDM Smith for hydraulic modeling services to collect data, verify, and correct the existing pump station model and to include the tier 1 upstream and downstream pump stations related to the pump station design. The original scope did not include CDM doing the complete modeling, but using JEA modeling results. The installation of a bridge crane to the station was added in lieu of using a boom truck, which reduced the building/slab footprint and allowed for safer handling of the pumps for maintenance.

On 11/03/2016, the Awards Committee approved a third change order for \$185,640.00 to CDM Smith for updated hydraulic modeling and field verification of the force main/pump station system. This was due to a force main break that occurred on an abandoned main in the model. CDM and JEA performed field investigations and CDM ran model scenarios and provided guidance to correct the routing and pressure discrepancies. CDM performed a resiliency and reliability analysis that assessed emergency power backup options, and the option of using a masonry building in lieu of a steel building for storm protection. A copy of the award is attached as backup.

On 05/30/2017, JEA issued a fourth change order for \$128,935.00 to CDM Smith for storm resiliency upgrades to the station. These included a full service backup generator, reinforcements to the pump building, piping modifications, and SCADA controls over fiber optics with radio backup.

JEA bid the project and received one bid. JEA re-bid the project again and only received one bid for \$11,319,029.00, which was approximately \$2.24 million over engineer's estimate of \$9,083,259, which included a 2.5% contingency and was a Class 1 cost estimate (-10% to +15%). As a result, JEA reevaluated both the scope of the project and the prequalification's for construction to reduce the construction costs to maintain the budget.

This request is for a change order in the amount of \$367,179.00 to the design contract to provide value engineering services to reduce the overall construction cost approximately \$1.2 million by substituting a precast electrical building for the Category 5 pump building with its associated overhead crane, bathroom, electrical, and support infrastructure (\$890,000.00), changing some yard piping from stainless

steel to ductile iron (\$200,000.00), and a building slab/paving reduction (\$100,000.00). CDM Smith will provide testing, startup and commissioning assistance during construction that was not in the original scope, but is now required due to the increased complexity of the control systems.

The total overall engineering fee is 21% of estimated construction costs, and the engineering services during construction are 4.0% of estimated construction costs. It should be noted that the overall engineering fee included study items and additional non-design services that approximated 8.0% of the engineering fee; thereby, reducing the actual design fee to 13% of estimated construction costs. JEA used the original negotiated hourly rates increased by a CPI to develop the award amount for this new scope of work. The change order quotes are attached as backup. A budget trend has been submitted.

Request approval to award a change order to CDM Smith Inc. for additional design/engineering for the Bradley Road Pump Station Improvements project in the amount of \$367,179.00, for a new not-to-exceed amount of \$1,789,544.00, subject to the availability of lawfully appropriated funds.

**Manager:** Collier, Bradley W. – Mgr WW Plants & Pump Stations  
**Director:** Conner, Sean M. – Dir W/WW Project Engineering & Construction  
**VP:** Calhoun, Deryle I. - VP/GM Water Wastewater Systems

**APPROVALS:**

 \_\_\_\_\_ 11/8/18  
**Chairman, Awards Committee** **Date**

 \_\_\_\_\_ 11/8/18  
**Manager, Capital Budget Planning** **Date**



## Formal Bid and Award System

Award #5 November 8,2018

**Type of Award Request:** CHANGE ORDER  
**Requestor Name:** Ramirez, Samuel, T.  
**Requestor Phone:** (904) 665-6960  
**Project Title:** Buckman – 5301 Buffalo Ave – Class III/IV Pump Station Rehabilitation  
**Project Number:** 8003564  
**Project Location:** JEA  
**Funds:** Capital  
**Budget Estimate:** N/A

**Scope of Work:**

The scope of the engineering services for this project includes design services and services during construction for the complete rehabilitation of the master pump station. The service area contains approximately 2,171 acres and has a design capacity of 11.5 MGD (8,000 gpm). Flow is pumped through a 24-inch-diameter force main that discharges into the trunk sewer system flowing to the Buckman Wastewater Treatment Plant. The wastewater pumping station located at 5301 Buffalo Avenue is over 40 years old and much of the equipment and facility is reaching the end of its useful life and requires replacement.

**JEA IFB/RFP/State/City/GSA#:** 083-17  
**Purchasing Agent:** Kruck, Daniel R.  
**Is this a Ratification?:** NO

**RECOMMENDED AWARDEE(S):**

Name	Contact Name	Email	Address	Phone	Amount
CONSTANTINE ENGINEERING INC	Karth Vaith	kvaith@tcgeng.com	1988 Lewis Turner Blvd, Fort Walton Beach, FL 32547	(904) 562- 2185	\$89,863.38

**Amount of Original Award:** \$423,437.46  
**Date of Original Award:** 11/09/2017  
**Change Order Amount:** \$89,863.38

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

CPA #	Amount	Date
170143	\$26,186.72	05/24/2018

**New Not-To-Exceed Amount:** \$539,487.56  
**Length of Contract/PO Term:** Project Completion  
**Begin Date (mm/dd/yyyy):** 12/01/2017  
**End Date (mm/dd/yyyy):** Project Completion (Expected: February 2021)  
**JSEB Requirement:** Ten Percent (10%) Goal

**Comments on JSEB Requirements:**
Original Award

J. Collins Engineering Associates (Mechanical Engineering) – 5.9%  
 CSI Geo (Geotechnical) – 1.04%  
 R.E. Holland (Survey) – 3%



Change Order:

N/A – No JSEB work in this change order

**Background/Recommendations:**

Originally approved by Awards Committee on 11/09/2017 in the amount of \$423,437.46 to Constantine Engineering Inc. A copy of the original award is attached as backup.

On 05/24/2018, a change order was processed in the amount of \$26,186.72 due to design changes including adding a screening conveyor system, an aboveground fuel storage tank, outside installation of the replacement generator and a redesign of the odor control system. These changes were requested by JEA to increase resiliency standards.

This award request is for a change order to the design based on JEA’s reassessment of the infrastructure needs for each pump station in the design phase. The review modified the resiliency standards required for this project, creating the changes to the design. This change order adds \$89,863.38 to the contract for design services listed below.

- Eliminate the proposed new Master Control Center (MCC) building from the design
- Remove the proposed mechanical screens
- Revise generator system location
- Eliminate the proposed Emergency Backup Pump System (EBPS) from the current design
- Revise design for an ultrasonic-type, rather than a magnetic-type flowmeter
- Provide project management services for the above tasks

The proposed changes to the design will result in a decrease in construction costs of about \$1,500,000.00. The engineering design fee is 13.2% of the revised construction costs, and engineering services during construction are 3.2% of the revised construction costs. JEA used the original negotiated hourly rates to develop the award amount for this new scope of work. The change order quote is attached as backup. A new budget trend has been submitted.

Request approval to award a change order to Constantine Engineering Inc for additional design/engineering for the Buckman – 5301 Buffalo Ave – Class III/IV Pump Station Rehabilitation project in the amount of \$89,863.38, for a new not-to-exceed amount of \$539,487.56, subject to the availability of lawfully appropriated funds.

**Manager:** Collier, Bradley W. – Mgr WW Plants & Pump Stations  
**Director:** Conner, Sean M. – Dir W/WW Project Engineering & Construction  
**VP:** Calhoun, Deryle I. - VP/GM Water Wastewater Systems

**APPROVALS:**

  
 \_\_\_\_\_ 11/8/18  
**Chairman, Awards Committee** **Date**

  
 \_\_\_\_\_ 11/8/18  
**Manager, Capital Budget Planning** **Date**



## Formal Bid and Award System

Award #6 November 8, 2018

**Type of Award Request:** INVITATION TO NEGOTIATE (ITN)  
**Request #:** 6246  
**Requestor Name:** Lovgren, Rodney D.  
**Requestor Phone:** (904) 665-6631  
**Project Title:** Crane, Rigging and Heavy Hauling  
**Project Number:** Various  
**Project Location:** JEA, Buckman WRF  
**Funds:** O&M & Capital (see back up)  
**Award Estimate:** \$780,000.00 *N/A*  
**Scope of Work:**

The purpose of this solicitation is to provide contract services for crane rental and heavy hauling services. The Primary users of these services are the Transmission Group, Substations Distribution Group, Water and Sewer Department and the various JEA Generating Plants. This contract can also be used by any other Group or Department within JEA. JEA currently spends approximately \$260,000.00 per year on Time and Materials (T&M) for crane and rigging services. Two contracts are to be awarded on a 70/30 split.

**JEA IFB/RFP/State/City/GSA#:** 113-18  
**Purchasing Agent:** Lovgren, Rodney  
**Is this a Ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
SIMS CRANE AND EQUIPMENT CO.	Tanya Scott	tanya.scott@sims Crane.com	1219 Highway 301 N. Tampa FL 33619	(904)448-9275	\$803,600.00
BEYEL BROTHERS INC.	Kevin McElveen	kevin.mcelveen@beyel.com	550 Cidco Road, Cocoa, FL 32926	(904)654-9696	\$334,400.00

**Amount for entire term of Contract/PO:** \$1,148,000.00  
**Award Amount for remainder of this FY:** \$832,666.67  
**Length of Contract/PO Term:** Three Years w/ Two (2) – 1Yr. Renewals  
**Begin Date (mm/dd/yyyy):** 11/15/2018  
**End Date (mm/dd/yyyy):** 11/14/2021  
**Renewal Options:** Yes - Two (2) – 1Yr. Renewals  
**JSEB Requirement:** N/A - Optional

**BIDDERS:**

Name	First Round	BAFO	Rank	Score (Price)	Score (Safety & Work Approach)	Total Score
SIMS CRANE & EQUIPMENT	\$665,865.95	\$656,126.22	1	100	21	121
BEYEL BROS INC.	\$741,122.76	\$713,722.50	2	91.8	18.5	110.3
CRANE & RIGGING OF JACKSONVILLE	\$767,061.50	\$767,061.50	3	85.5	23	108.5

**Background/Recommendations:**

Advertised on 07/30/2018. Nine (9) companies attended the mandatory pre-response meeting held on 07/27/2018. At Response opening on 08/14/2018, JEA received three (3) Responses. All three (3) companies were short-listed and invited to provide safety & work approach presentations. All three (3) companies were invited to submit Best and Final Offers (BAFO). JEA evaluated the companies on price (100 points) and safety and work approach (25 points). Sims Crane & Equipment and Beyel Bros Inc. were deemed to be the lowest responsive and responsible Respondents. A copy of the Response Form and Workbook are attached as backup.

The award estimate was based on historical spend at \$21,682.89/month over a three year period, for a total of \$780,000.00. The work in the past was performed off the rental resources contract, which was established to help identify historical spend across the company. The award amount of \$1,148,000.00 is based on the projected budget estimates from wastewater, power generation and transmission & distribution business units at JEA. It should be noted, the Brandy Branch Hot Gas Path project has a significant capital budget estimate, which has been included in the award amount.

Sims Crane and Equipment lowered their price by \$9,739.73 in the BAFO round or 1.5%, and Beyel Brothers lowered their price by \$26,582.50 in the BAFO round or 3.7%, for a total BAFO savings of \$36,322.23. There is not a direct comparison of current incumbent contract rates with Crane & Rigging to this solicitation; however, the rates from both awardees are lower than what the incumbent bid submitted for this solicitation (Sims Crane & Equipment are lower by 14.5%; Beyel Bros are lower by 7.0%).

Prices are fixed for the term of the contract, with Sims being the primary awardee for callout work. Both companies have in-town rolling equipment and emergency minimum call out times as well as 24/7 response contacts.

113-18 - Request approval to award contracts for crane, rigging and heavy hauling services to Sims Crane and Equipment for \$803,600.00 and to Beyel Bros Inc. for \$334,400.00, for a not-to-exceed amount of \$1,148,000.00, subject to the availability of lawfully appropriated funds.

**Manager:** Perez, Joe L. – Procurement Category Manager

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

**VP:** McCarthy, John P. – VP & Chief Supply Chain Officer

**APPROVALS:**



11/8/18

Chairman, Awards Committee

Date

James A. Whitman 11/8/18

Manager, Capital Budget Planning

Date



## Formal Bid and Award System

Award #7 November 8, 2018

**Type of Award Request:** CONTRACT INCREASE  
**Request #:** 6426  
**Requestor Name:** Short, Michael L. - Manager, Project Design.  
**Requestor Phone:** (904) 665-8764  
**Project Title:** JEA Substation Transformers  
**Project Number:** Various  
**Project Location:** JEA  
**Funds:** Capital & O&M  
**Award Estimate:** N/A

### Scope of Work:

The purpose of this Invitation to Negotiate (the "ITN") is to evaluate and select a vendor that can provide 50 MVA substation transformers for operations (failures of existing equipment) and capital projects (new projects) at the best value to JEA (the "Work" or "Services"). "Best Value" means the highest overall value to JEA with regards to pricing, quality, design, and workmanship.

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

- Equipment (transformer) engineering
- Materials procurement
- Manufacturing and assembly
- Factory acceptance testing
- Delivery
- Installation support at site
- Training

**JEA IFB/RFP/State/City/GSA#:** 062-17

**Purchasing Agent:** Lovgren, Rodney

**Is this a ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
SPX TRANSFORMER SOLUTIONS INC.	Richard Delizza	richarddd@electricsalesinc.	2121 N Commerce Pkwy Weston, FL 33326	(800) 537-0101	\$5,625,272.00

**Amount of Original Award:** \$7,281,540.00

**Date of Original Award:** 10/5/2017

**Change Order Amount:** \$5,625,272.00

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

CPA #	Amount	Date
168953	\$402,667.60	10/30/2018

**New Not-To-Exceed Amount:** \$13,309,479.60  
**Length of Contract/PO Term:** Five (5) Yrs. - One (1) – 1 Yr. Renewals  
**Begin Date (mm/dd/yyyy):** 10/15/2017  
**End Date (mm/dd/yyyy):** 10/14/2022  
**Renewal Options:** YES – One (1) – 1 Yr. Renewals  
**JSEB Requirement:** N/A - Optional  
**Background/Recommendations:** 10/5/2017

Originally approved by Awards Committee on ~~10/01/2018~~ in the amount of \$3,254,864.00 to ABB, and \$4,026,676.00 to SPX Transformer Solutions Inc. A copy of the original award is attached as backup.

This award request is for an increase to the SPX Transformer Solutions Inc contract. This contract increase request is intended provide funding to complete the original five (5) year term of the agreement, which supports newly identified projects since the original award. As additional projects develop in future fiscal years, additional funding, change orders and awards approvals will be required. The SJRPP shutdown, Orange Park T2 (O&M failure) and solar projects have caused funding to be utilized prior to contract expiration. The additional equipment required is listed below:

Transformer Description	Locations	Unit Price	Qty	Total
30/40/50 MVA ONAN/ONAF/ONAF, 3 phase, 60 Hz, 65 degree C Rise, 230 kV Delta to 27kV WYE	1. Dinsmore Substation PN – 8003353 2. CCCN Substation T2 Addition PN - 8004953 3. Brandy Branch Substation T2 Addition PN – 8004960 4. Steelbald Substation T3 Replacement PN – 8004961 5. Westlake Substation T3 Addition PN - 8004959	\$799,298.00	5	\$3,996,490.00
30/40/50 MVA ONAN/ONAF/ONAF, 3 phase, 60 Hz, 65 degree C Rise, 138 X 69 kV Delta to 27kV WYE	Substation Maintenance (TBD) 8005250	\$814,391.00	2	\$1,628,782.00
Total				\$5,625,272.00

062-17 - Request approval to award a contract increase to SPX Transformer Solutions Inc. for the purchase of substation transformers in the amount \$5,625,272.00 for a new not-to-exceed contract amount of \$10,054,615.60 and no change to the ABB original award amount of \$3,254,864.00, for a new Total Award not-to-exceed amount of \$13,309,479.60, subject to the availability of lawfully appropriated funds.

**Manager:** Michael Short L. - Manager, Project Design  
**Director:** Acs, Gabor - Director Electric T&D Projects  
**VP:** Brost, Mike J. - VP/GM Electric Systems

**APPROVALS:**

 11/8/18

Chairman, Awards Committee

Date

 11/8/18

Manager, Capital Budget Planning

Date



## Formal Bid and Award System

Award #8 November 8, 2018

**Type of Award Request:** CONTRACT INCREASE  
**Request #:** 6431  
**Requestor Name:** Mayer, Andrew C. – Manager, Bulk Power Operations  
**Requestor Phone:** (904) 665-7111  
**Project Title:** SAIDI Reduction Program – Fault Current Indicators  
**Project Number:** 8004728  
**Project Location:** JEA  
**Funds:** Capital  
**Award Estimate:** \$318,750.00

### Scope of Work:

The scope of work consists of purchasing, configuring and deploying 2,500 Fault Current Indicators (FCIs) on JEA's 26 kV electric distribution feeder backbone at various strategic locations throughout the service territory. This is part of JEA's System Average Interruption Duration Index (SAIDI) Reduction Program. The FCIs will be configured to communicate and report back over a Verizon Network to an access point where the data will be collected via two (2) Real-Time Automation Controllers. The Electric Standards Committee underwent a lengthy review and assessment process in which Sentient Energy Inc's solution was established as the JEA Standard based on being compatible with existing JEA equipment and systems, as well as being the most cost effective means to safely maintain the highest level of system availability and reliability.

**Purchasing Agent:** Lovgren, Rodney

**Is this a ratification?:** NO

### RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
SENTIENT ENERGY INC	Jim Lynch	jlynch@sentient-energy.com	880 Mitten Rd, Burlingame, CA 94010	(800) 488-0409	\$318,750.00

**Amount of Original Award:** \$2,085,000.00

**Date of Original Award:** 03/22/2018

**Contract Increase Amount:** \$318,750.00

### List of Previous Change Order/Amendments:

CPA #	Amount	Date
173254	\$208,500 (10%)	10/23/2018

**New Not-To-Exceed Amount:** \$2,612,250.00

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

**Begin Date (mm/dd/yyyy):** 03/30/2018



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

Project Completion (Estimated: September 2019)

**JSEB Requirement:**

N/A - Optional

**Background/Recommendations:**

Originally approved by Awards Committee on 03/22/2018 in the amount of \$2,085,000.00 to Sentient Energy. A copy of the original award is attached as backup.

This award request is for a contract increase to purchase additional equipment in the Sentient Energy product family (see attached quote and estimated freight). The Bulk Power Operations department has presented to JEA's Senior Leadership Team to deploy 1,450 sensors for FY19, which is 375 more units than the original estimate.

This contract increase will allow the purchase of the additional 375 Sentient units. Three types of units; MM3-Grid Monitors, ZM1 and UM3+ will be purchased. This increase supports the additional identified equipment needs since the original award. JEA will receive \$24,375.00 in discounts and credits for completing this additional equipment order prior to the end of the calendar year. The equipment price is the same as the original award equipment price, less the discounts and credits. For FY 2020, the Bulk Power Operations department will provide a forecast and request an additional contract increase once the estimate is finalized.

Request approval to award a contract increase to Sentient Energy Inc. for fault indicator equipment in the amount of \$318,750.00, for a new not-to-exceed amount of \$2,612,250.00, subject to the availability of lawfully appropriated funds.

**Manager:** Mayer, Andrew C. – Manager, Bulk Power Operations

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

**VP:** Brost, Mike J. - VP/GM Electric Systems

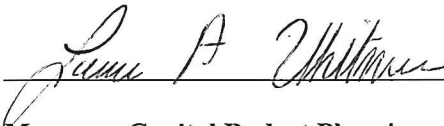
**APPROVALS:**



11/8/18

Chairman, Awards Committee

Date



11/8/18

Manager, Capital Budget Planning

Date