

Welcome to the JEA Awards Meeting

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

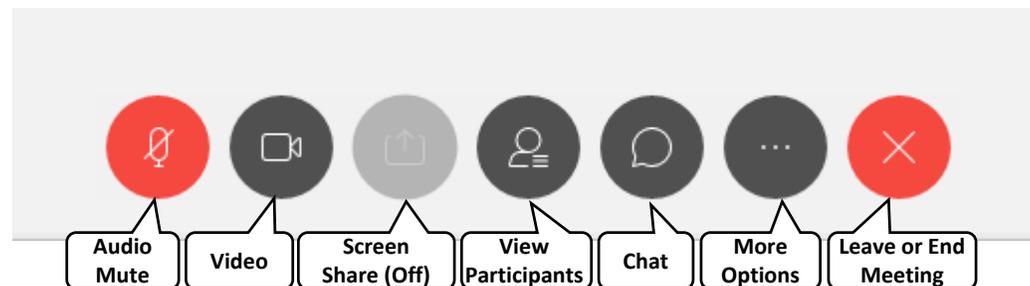
We will unmute your lines during the public comment time and provide opportunity for you to speak.

During the meeting, interested persons can also email **Halley Reiman** at reimhj@jea.com to submit public comments to be read during the meeting regarding any matter on the agenda for consideration.

Public comments by e-mail must be received no later than 9:00 a.m. to be read during the public comment portion of the meeting.

Please contact **Halley Reiman** by telephone at **(904) 665-8815** or by email at reimhj@jea.com if you experience any technical difficulties during the meeting.

Below is a summary of the meeting controls you will see at the bottom of your screen.



AWARDS COMMITTEE AGENDA

DATE: Thursday, July 8, 2021

TIME: 10:00 A.M.

PLACE: JEA, Customer Center, Bid Office, 1st Floor, 21 West Church Street, Jacksonville, FL
32202 OR
WebEx/Teleconference
WebEx Meeting Number (access code): 160 199 4252
WebEx Password: pxP6CqUSt63

Public Comments:

Awards:

1. Approval of the minutes from the last meeting (07/1/2021).
2. 1410330446 – Request approval to award a contract to Petticoat-Schmitt Civil Contractors, Inc. for construction services for the Galvanized Pipe Replacement Program College St. Area project in the amount of \$1,421,961.99, subject to the availability of lawfully appropriated funds.
3. Request approval to award a Contract Increase to APTIM Environmental & Infrastructure for professional services in the decommissioning of the SJRPP in the amount of \$1,186,200.00, for a new not-to-exceed amount of \$17,481,981.00, subject to the availability of lawfully appropriated funds.
4. 1410336846 – Request approval to award a contract to Cogburn Bros. Inc for NGS Protection and Controls upgrades in the amount of \$549,890.00, subject to the availability of lawfully appropriated funds.
5. **DEFERRED** - 113-15 Request approval to award a change order to Dis-Tran Packaged Substations LLC, for construction services for substation packaging services in the amount of \$1,058,548.00 for a new not-to-exceed amount of \$11,058,548.00, subject to the availability of lawfully appropriated funds.
6. Request approval to award a change order to Jacobs Engineering, Inc. for additional engineering and services during construction for the Buckman WRF Blower System Improvements project in the amount of \$413,667.00, for a new not-to-exceed amount of \$2,306,113.38, subject to the availability of lawfully appropriated funds.

Informational Items: N/A

Open Discussion: N/A

Public Notice: N/A

General Business: N/A

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

07-08-2021 Awards Committee

<u>Award #</u>	<u>Type of Award</u>	<u>Business Unit</u>	<u>Estimated/ Budgeted Amount</u>	<u>Amount</u>	<u>Awardee</u>	<u>Term</u>	<u>Summary</u>
1	Minutes	N/A	N/A	N/A	N/A	N/A	Approval of minutes from the 07/01/2021 meeting.
2	Invitation for Bid (IFB) (5 bidders)	Vu	\$1,657,367.00	\$1,421,961.99	PETTICOAT-SCHMITT CIVIL CONTRACTORS INC.	Project Completion (Expected: September 2021)	<p><u>Galvanized Pipe Replacement Program College St. Area</u></p> <p>The scope of work for this solicitation includes replacement the water distribution system within an existing residential community. The Contractor will install a total of 5,873 of pipe and associated fittings and appurtenances. The Contractor will abandon 2,460 linear feet of sewer force main that is out of service and within the proposed work zone. The Contractor will restore disturbed roadway, curb, driveways, sod, and storm drainage.</p> <p>Advertised on 05/17/2021. Eight (8) prime contractors attended the mandatory pre-bid meeting held on 05/25/2021. At Bid opening on 06/29/2021, JEA received five (5) Bids. JEA received a No Bid submission form from Jax Underground Utilities. Petticoat-Schmitt Civil Contractors, Inc. is the lowest responsive and responsible Bidder. A copy of the Bid Form and Workbook are attached as backup.</p> <p>The award amount of \$1,421,961.99 is approximately 14% lower than the budget estimate. At the time of this bid, JEA received feedback from contractors, JEA warehouse staff, and area material suppliers that PVC pipe and pipe fittings were experiencing price increases and long lead times. JEA decided to supply the long lead items in order to ensure a timely completion of this project. The project bids do not include cost of material. The current material quotes JEA has received total \$214,645.04. Combined with the apparent low bidder, this project amount is projected as \$1,636,607.03 or approximately 1% under the budget estimate.</p> <p>1410330446 – Request approval to award a contract to Petticoat-Schmitt Civil Contractors, Inc. for construction services for the Galvanized Pipe Replacement</p>

07-08-2021 Awards Committee

							Program College St. Area project in the amount of \$1,421,961.99.
3	Contract Increase	Erixton	\$1,186,200.00	\$1,186,200.00	APTIM ENVIRONMENTAL & INFRASTRUCTURE	Project Completion (October 2022)	<p>SJRPP Decommissioning Services – SJRCT Conveyor Demo</p> <p>Services of experienced consulting engineering firm that possesses technical expertise in the decommissioning of power plants (the “Company”). The particular areas of interest are permitting requirements in the State of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration (the “Work”). Expertise will also be required in decommissioning specification preparation and project management.</p> <p>Request approval to award a Contract Increase to APTIM Environmental & Infrastructure for professional services in the decommissioning of the SJRPP in the amount of \$1,186,200.00, for a new not-to-exceed amount of \$17,481,981.00, subject to the availability of lawfully appropriated funds</p>
4	Invitation for Bid (IFB) (2 bidders)	Erixton	\$544,000.00	\$549,890.00	COGBURN BROS, INC.	Project Completion (Expected: 09/30/2023)	<p><u>Northside Generating Station Protection & Controls Projects</u></p> <p>Construction services for JEA System Protection & Control Projects include but are not limited to:</p> <ul style="list-style-type: none"> • Installation of conduits in yard runs • Installation of control house and yard control cables • Providing personnel for onsite outage support • Removal the entire length of decommissioned cable (panel to panel and from the control house up to the equipment). <p>1410336846 – Request approval to award a contract to Cogburn Bros. Inc for NGS Protection and Controls upgrades in the amount of \$549,890.00, subject to the availability of lawfully appropriated funds.</p>

07-08-2021 Awards Committee

5 - Defer	Defer	Defer	Defer	Defer	Defer	Defer	Defer
6	Change Order	Vu	N/A	\$413,667.00	JACOBS ENGINEERING GROUP INC.	Project Completion (Expected: March 2022)	<p><u>Buckman Wastewater Reclamation Facility (WRF) Blower System Improvements Project</u></p> <p>Provide engineering services for the Buckman WRF Blower System Improvements project. The engineering services shall include the study, preliminary design, 100% design, bid phase, and engineering support services during construction and acceptance testing. The current blowers installed in 2013 have not performed well for extended periods. The manufacturer of the current blowers has performed a significant amount of repairs and redesigns and the facility continues experiencing blower failures.</p> <p>This current award request is for a change order to the contract of Jacobs Engineering, Inc. for the Buckman WRF Blower System Improvements project. After Jacobs delivered the 90% design documents JEA decided to modify the design specifications due to a change in the proposed layout of other plant projects. The modifications include using the new building switchgear building for the switchgear and as a storage facility. The scope of this contract amendment includes the necessary modifications to the design to make this change to the structural design and additional site/civil modifications that are necessary. This amendment also adds funds for additional services during construction to coordinate with the CMAR firm performing the construction.</p> <p>Request approval to award a change order to Jacobs Engineering, Inc. for additional engineering and services during construction for the Buckman WRF Blower System Improvements project in the amount of \$413,667.00, for a new not-to-exceed amount of \$2,306,113.38.</p>
Total Award				\$3,571,718.99			

JEA AWARDS COMMITTEE JULY 1, 2021 MEETING MINUTES

The JEA procurement Awards Committee met on July 1, 2021, in person with a WebEx option

WebEx Meeting Number (access code): 160 199 4252

WebEx Password: pxP6CqUSt63

Members in attendance were Jenny McCollum as Chairperson, Laure Whitmer as Budget Representative, Julie Davis as Office of General Counsel Representative; with Laura Dutton, Joe Orfano, Ricky Erixton, Steve Selders and Hai Vu.

Chair McCollum called the meeting to order at 10:00 a.m., introduced the Awards Committee Members, and confirmed that there was a quorum of the Committee membership present.

Public Comments:

Chair McCollum recognized the public comment speaking period and opened the meeting floor to public comments. No public comments were provided by email, phone or videoconference.

Awards:

1. Approval of the minutes from the last meeting (06/24/2021). Chair McCollum verbally presented the Committee Members the proposed June 24, 2021 minutes contained in the committee packet.

MOTION: Hai Vu made a motion to approve the June 24, 2021 minutes (Award Item 1). The motion was seconded by Joe Orfano and approved unanimously by the Awards Committee (5-0).

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

2. 1410283446-21 - Request approval to award contracts to Stuart C Irby CO in the amount of \$3,725,329.20, Gresco Supply, Inc. in the amount of \$5,802,559.00 and Electric Supply Inc in the amount of \$3,025,313.00 for the supply of Streetlight Material for JEA Inventory Stock, for a total not-to-exceed amount of \$12,553,201.20, subject to the availability of lawfully appropriated funds.

MOTION: Steve Selders made a motion to approve Award Item 2 as presented in the committee packet. The motion was seconded by Ricky Erixton and approved unanimously by the Awards Committee (5-0).

3. Request approval of purchase from Knickerbocker Properties, Inc. for the subject property – Easement Acquisition Purchase in the amount of \$54,200.00, seller's attorney fees in a not to exceed amount of \$10,000.00, and \$20,000.00 for fence installation for a total not to exceed amount of \$84,200.00, subject to the availability of lawfully appropriated funds.

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

4. Request approval to award a change order to Garney Companies Inc., for the purchase of major process equipment as part of the Southwest Water Reclamation Facility (WRF) Expansion in the amount of \$4,000,365.00, for a new not-to-exceed amount of \$10,700,665.00, subject to the availability of lawfully appropriated funds.

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

5. Request approval to award payment to Florida Department of Transportation for FDOT SR 103 (Lane Avenue) from SR 208 (Wilson Boulevard) to SR 228 (Normandy Boulevard) Water Main Replacement project in the amount of \$423,469.42, subject to the availability of lawfully appropriated funds.

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

6. Request approval to award a contract renewal and contract increase to USP Technologies for Wastewater Odor Control Chemicals in the amount of \$2,120,000.00, for a new not-to-exceed amount of \$8,616,500.00, subject to the availability of lawfully appropriated funds.

MOTION: Steve Selders made a motion to approve Award Item 6 as amended in the committee packet. The motion was seconded by Laura Dutton and approved unanimously by the Awards Committee (5-0).

7. 1410339646– Request approval to award a contract to Anderson Diving Inc. dba Logan Diving & Salvage to install 14 grout bag pier supports adjacent to eroded H-pile bent supports for the Mandarin Water Reclamation Facility in the amount of \$346,225.00, subject to the availability of lawfully appropriated funds.

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

8. 1410334446 – Request approval to award a contract to Patriot Thermal Controls Inc for heat trace services for BBGS in the amount of \$320,163.00, subject to the availability of lawfully appropriated funds.

MOTION: Ricky Erixton made a motion to approve Award Item 8 as presented in the committee packet. The motion was seconded by Hai Vu and approved unanimously by the Awards Committee (5-0).

Informational Item:

No informational items were presented to the Awards Committee.

Ratifications:

No ratifications were presented to the Awards Committee.

Public Comments:

No additional public comment speaking period was taken.

Adjournment:

Chair McCollum adjourned the meeting at 10:44 a.m.

NOTE: These minutes provide a brief summary only of the Awards Committee meeting. For additional detail regarding the content of these minutes or discussions during the meeting, please review the meeting recording. The recording of this meeting as well as other relevant documents can be found at the link below:
[https://www.jea.com/About/Procurement/Awards Meeting Agendas and Minutes/](https://www.jea.com/About/Procurement/Awards_Meeting_Agendas_and_Minutes/)



Formal Bid and Award System

Award #2 July 8, 2021

Type of Award Request: INVITATION FOR BID (IFB)
Request #: 149 & 150
Requestor Name: Sencer, Justin B.
Requestor Phone: (904) 665-6826
Project Title: Galvanized Pipe Replacement Program College St. Area
Project Number: 8007003 & 8007007
Project Location: JEA
Funds: Capital
Budget Estimate: \$1,657,367.00

Scope of Work:

The scope of work for this solicitation includes replacement of the water distribution system within an existing residential community. The Contractor will install a total of 5,873 of pipe and associated fittings and appurtenances. The Contractor will abandon 2,460 linear feet of sewer force main that is out of service and within the proposed work zone. The Contractor will restore disturbed roadway, curb, driveways, sod, and storm drainage.

JEA IFB/RFP/State/City/GSA#: 1410330446
Purchasing Agent: King, David
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
PETTICOAT-SCHMITT CIVIL CONTRACTORS INC.	Kimberly S. Bryan	kbryan@petticoatschmitt.com	6380 Philips Hwy Jacksonville, FL 32216	(904) 751- 0888	\$1,421,961.99

Amount for entire term of Contract/PO: \$1,421,961.99
Award Amount for remainder of this FY: \$1,421,961.99
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 08/01/2021
End Date (mm/dd/yyyy): Project Completion (Expected: September 2021)
JSEB Requirement: Twelve Percent (12%) Requirement

Comments on JSEB Requirements:

DJ Contracting of Jacksonville, Inc. (Supply & Haul base/bituminous materials) - 3.63%
 M & J Striping, Inc. (Striping & Signage) - 1.25%
 Landscape Construction, LLC (Grassing) - 1.19%
 Garmon Trucking, Inc. (Hauling) - 3.01%
Garmon Trucking, Inc. (Fill Dirt) - 2.92%
 Total: 12.0%

BIDDERS:

Name	Amount
PETTICOAT SCHMITT CIVIL CONTRACTORS INC.	\$1,421,961.99
CALLAWAY CONTRACTING	\$1,548,170.00
J.B. COXWELL CONTRACTING, INC.	\$1,714,527,10
T. B. LANDMARK CONSTRUCTION, INC.	\$2,123,456.70
T. G. UTILITY COMPANY, INC.	\$2,603,150.00
JAX UNDERGROUND UTILITIES, INC.	NO BID

Background/Recommendations:

Advertised on 05/17/2021. Eight (8) prime contractors attended the mandatory pre-bid meeting held on 05/25/2021. At Bid opening on 06/29/2021, JEA received five (5) Bids. JEA received a No Bid submission form from Jax Underground Utilities. Petticoat-Schmitt Civil Contractors, Inc. is the lowest responsive and responsible Bidder. A copy of the Bid Form and Workbook are attached as backup.

The award amount of \$1,421,961.99 is approximately 14% lower than the budget estimate. At the time of this bid, JEA received feedback from contractors, JEA warehouse staff, and area material suppliers that PVC pipe and pipe fittings were experiencing price increases and long lead times. JEA decided to supply the long lead items in order to ensure a timely completion of this project. The project bids do not include cost of material. The current material quotes JEA has received total \$214,645.04. Combined with the apparent low bidder, this project amount is projected as \$1,636,607.03 or approximately 1% under the budget estimate.

1410330446 – Request approval to award a contract to Petticoat-Schmitt Civil Contractors, Inc. for construction services for the Galvanized Pipe Replacement Program College St. Area project in the amount of \$1,421,961.99, subject to the availability of lawfully appropriated funds.

Director: Scheel, Jackie B- Dir W/WW Reuse Delivery & Collection
VP: Vu, Hai X. - VP Water Wastewater Systems

APPROVALS:

Heather Beard 7/8/21

Chairman, Awards Committee **Date**

Lu A Min 7/8/21

Budget Representative **Date**

Appendix B - Bid Form
1410330446 Galvanized Pipe Replacement Program College St. Area

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

Company Name: Petticoat-Schmitt Civil Contractors, Inc.

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

License Number: CGC #057651; CUC #057440

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

BID SECURITY REQUIREMENTS

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

TERM OF CONTRACT

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

SAMPLE REQUIREMENTS

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

SECTION 255.05, FLORIDA STATUTES CONTRACT BOND

- None required
- Bond required 100% of Bid Award

QUANTITIES

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

INSURANCE REQUIREMENTS

Insurance required

PAYMENT DISCOUNTS

- 1% 20, net 30
- 2% 10, net 30
- Other _____
- None Offered

ENTER YOUR BID FOR SOLICITATION 1410330446

TOTAL BID PRICE

**Total Bid Price for the Project
(enter total from cell G135 in the Bid Workbook)**

\$ 1,421,961⁹⁹

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

BIDDER CERTIFICATION

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

We have received addenda

1 through 3

Kimberly S. Bryan

Handwritten Signature of Authorized Officer of Company or Agent

6/29/21
Date

Kimberly S. Bryan, Vice President
Printed Name and Title

1410330446 Addendum 3 Appendix B - Bid Workbook
Galvanized Pipe Replacement Program College St. Area
(Only Complete the Prices in Yellow Cells)

Galvanized Pipe Replacement Program - Packages C & G
Package C

PART I - WATER MAIN CONSTRUCTION

Item	Spec No.	Description	Est. Qty	Unit	Unit Price	Cost
1	801.III.2.2	Abandon 2" Galvanized Water Main by Plugging (JEA Supplied Material)	3	EA	\$ 285.00	\$ 855.00
2	801.XIII.1	2" HDPE SDR-9 CTS Water Main (JEA Supplied Material)	22	LF	\$ 15.00	\$ 330.00
3	801.XIV.7	Connect to Existing 2" Water Main (JEA Supplied Material)	1	EA	\$ 750.00	\$ 750.00
4	801.XIII.1	4" PVC DR-18 Water Main (JEA Supplied Pipe)	24	LF	\$ 70.00	\$ 1,680.00
5	801.XIII.2	4" DI MJ Cap, Tapped 2" (JEA Supplied Material)	1	EA	\$ 40.00	\$ 40.00
6	801.XIII.2	4" Gate Valve (JEA Supplied Material)	1	EA	\$ 225.00	\$ 225.00
7	801.XIV.4	Connect to Existing 6" Water Main: 6" x 6" Tapping Sleeve & Valve (JEA Supplied Material)	1	EA	\$ 7,500.00	\$ 7,500.00
8	801.XIV.7	Connect to Existing 6" Water Main (JEA Supplied Material)	1	EA	\$ 4,000.00	\$ 4,000.00
9	801.XIII.1	6" PVC DR-18 Water Main (JEA Supplied Pipe)	332	LF	\$ 100.00	\$ 33,200.00
10	801.XIII.2	6" Gate Valve (JEA Supplied Material)	4	EA	\$ 450.00	\$ 1,800.00
11	801.XIII.2	6" DI MJ 90 Degree Bend (JEA Supplied Material)	1	EA	\$ 75.00	\$ 75.00
12	801.XIII.2	6" DI MJ 45 Degree Bend (JEA Supplied Material)	2	EA	\$ 75.00	\$ 150.00
13	801.XIII.6	6" Pipe Bell Restraints (JEA Supplied Material)	1	EA	\$ 75.00	\$ 75.00
14	801.XIV.1	Fire Hydrant Assembly (JEA Supplied Material)	4	EA	\$ 1,700.00	\$ 6,800.00
15	801.XIV.4	Connect to Existing 12" Water Main: 12" x 8" Tapping Sleeve & Valve (JEA Supplied Material)	1	EA	\$ 7,500.00	\$ 7,500.00
16	801.XIII.1	8" PVC DR-18 Water Main (JEA Supplied Pipe)	2,210	LF	\$ 108.00	\$ 238,680.00
17	801.XIII.2	8" x 6" DI MJ Reducer (JEA Supplied Material)	1	EA	\$ 90.00	\$ 90.00
18	801.XIII.2	8" x 8"x 6" DI MJ Tee (JEA Supplied Material)	5	EA	\$ 125.00	\$ 625.00
19	801.XIII.2	8" x 8"x 4" DI MJ Tee (JEA Supplied Material)	1	EA	\$ 125.00	\$ 125.00
20	801.XIII.2	8" 45 Degree DI MJ Bend (JEA Supplied Material)	18	EA	\$ 90.00	\$ 1,620.00
21	801.XIII.2	8" Gate Valve (JEA Supplied Material)	2	EA	\$ 650.00	\$ 1,300.00
22	801.XIII.6	8" Pipe Bell Restraints (JEA Supplied Material)	22	EA	\$ 90.00	\$ 1,980.00
23	801.XIII.9	Remove & Replace Existing 1" Water Service - (Short) (JEA Supplied Material)	35	EA	\$ 450.00	\$ 15,750.00
24	801.XIII.9	Remove & Replace Existing 1" Water Service - (Long) (JEA Supplied Material)	21	EA	\$ 850.00	\$ 17,850.00
25	801.XIII.9	Remove & Relocate Existing 1" Water Service - (Short) (JEA Supplied Material)	5	EA	\$ 375.00	\$ 1,875.00
26	801.XIII.9	Remove & Relocate Existing 1" Water Service - (Long) (JEA Supplied Material)	18	EA	\$ 850.00	\$ 15,300.00
27	801.XIII.8	Furnish & Install New 1" Water Service - (Short) (JEA Supplied Material)	1	EA	\$ 550.00	\$ 550.00
28	801.XIII.8	Furnish & Install New 1" Water Service - (Long) (JEA Supplied Material)	1	EA	\$ 1,100.00	\$ 1,100.00
29	801.XIII.12	Temporary Sample Tap (W-25, W-26) (JEA Supplied Material)	5	EA	\$ 275.00	\$ 1,375.00
29	NA	Testing Allowance	1	LS		\$ 4,000.00
30	NA	SWA Allowance	1	LS		\$ 20,000.00
Part I Water Main Subtotal						\$ 387,200.00

1410330446 Addendum 3 Appendix B - Bid Workbook
Galvanized Pipe Replacement Program College St. Area
 (Only Complete the Prices in Yellow Cells)
Galvanized Pipe Replacement Program - Packages C & G

PART II - PAVING & DRAINAGE CONSTRUCTION

Item	Spec No.	Description	Est. Qty	Unit	Unit Price	Cost
1	801.IX.1	Pavement Removal	1,793	SY	\$ 22.00	\$ 39,446.00
2	801.IX.2/S.C. 16	Case X Pavement Repair Permanent	1,793	SY	\$ 32.00	\$ 57,376.00
3	801.IX.6	1.5" Mill & Resurface	3,894	SY	\$ 17.00	\$ 66,198.00
4	801.X.1	Concrete Sidewalk Removal (all thicknesses)	47	SY	\$ 30.00	\$ 1,410.00
5	801.X.4	4" Thick Concrete Sidewalk Replacement	47	SY	\$ 110.00	\$ 5,170.00
6	801.X.2	Driveway Removal (all types)	416	SY	\$ 22.00	\$ 9,152.00
7	801.X.5	5" Thick Concrete Driveway	416	SY	\$ 85.00	\$ 35,360.00
8	801.XII.1	48" RCP	16	LF	\$ 1,000.00	\$ 16,000.00
9	801.III.2.4	Remove Storm Piping (All types/sizes)	16	LF	\$ 40.00	\$ 640.00
10	801.VIII	Sodding	173	SY	\$ 15.00	\$ 2,595.00
Part II Paving & Drainage Subtotal						\$ 233,347.00

PART III - FORCE MAIN CONSTRUCTION

Item	Spec No.	Description	Est. Qty	Unit	Unit Price	Cost
1	801.III.2.3.	6" Force Main Grout Fill	2,460	LF	\$ 12.00	\$ 29,520.00
Part III Force Main Subtotal						\$ 29,520.00

Package C PARTS I THRU III TOTAL **\$ 650,067.00**

General Conditions Percentage (10% max)	9.8%	\$ 64,000.00
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Package C Bid Total **\$ 714,067.00**

Package G

PART I - WATER MAIN CONSTRUCTION

Item	Spec No.	Description	Est. Qty	Unit	Unit Price	Cost
1	801.III.2.2.	Abandon 2" Galvanized Water Main by Plugging (JEA Supplied Material)	6	EA	\$ 750.00	\$ 4,500.00
2	801.XIII.1	2" Plug (JEA Supplied Material)	6	EA	\$ 40.00	\$ 240.00
3	801.XIV.7.	Connect to Existing 4" Water Main 4" x 4" Tapping Sleeve & Valve (JEA Supplied Material)	-	EA		\$ -
4	801.XIV.7	Connect to Existing 4" Water Main (JEA Supplied Material)	1	EA	\$ 2,250.00	\$ 2,250.00
5	801.XIII.1	4" PVC DR-18 Water Main (JEA Supplied Pipe)	220	LF	\$ 75.00	\$ 16,500.00
6	801.XIII.2	2" DI MJ Cap, Tapped 2" (JEA Supplied Material)	1	EA	\$ 45.00	\$ 45.00
7	801.XIII.2	4" DI MJ 45 Degree Bend (JEA Supplied Material)	4	EA	\$ 60.00	\$ 240.00
8	801.XIII.2	4" Gate Valve with C.I. Valve Box (JEA Supplied Material)	1	EA	\$ 45.00	\$ 45.00
9	801.XIII.6	4" Pipe Bell Restraints (JEA Supplied Material)	3	EA	\$ 60.00	\$ 180.00
10	801.XIII.2	6" x 4" DI MJ Reducer (JEA Supplied Material)	1	EA	\$ 75.00	\$ 75.00
11	801.XIV.4	Connect to Existing 6" Water Main: 6" x 6" Tapping Sleeve & Valve (JEA Supplied Material)	1	EA	\$ 7,500.00	\$ 7,500.00
12	801.XIV.4	Connect to Existing 6" Water Main: 8" x 6" Tapping Sleeve & Valve (JEA Supplied Material)	-	EA		\$ -
13	801.XIV.7	Connect to Existing 6" Water Main (JEA Supplied Material)	1	EA	\$ 4,000.00	\$ 4,000.00
14	801.XIII.1	6" PVC DR-18 Water Main (JEA Supplied Pipe)	2,150	LF	\$ 100.00	\$ 215,000.00
15	801.XIII.2	6" Gate Valve w/C.I. Valve Box (JEA Supplied Material)	11	EA	\$ 450.00	\$ 4,950.00
16	801.XIII.2	6" DI MJ Tee (JEA Supplied Material)	5	EA	\$ 100.00	\$ 500.00
17	801.XIII.2	6" DI MJ 11.25 Degree Bend (JEA Supplied Material)	17	EA	\$ 75.00	\$ 1,275.00
18	801.XIII.2	6" DI MJ 22.5 Degree Bend (JEA Supplied Material)	10	EA	\$ 30.00	\$ 300.00
19	801.XIII.2	6" DI MJ 45 Degree Bend (JEA Supplied Material)	10	EA	\$ 75.00	\$ 750.00
20	801.XIII.6	6" Pipe Bell Restraints (JEA Supplied Material)	39	EA	\$ 30.00	\$ 1,170.00
21	801.XIV.1	Fire Hydrant Assembly (JEA Supplied Material)	5	EA	\$ 1,700.00	\$ 8,500.00
22	801.XIV.4	Connect to Existing 8" Water Main: 8" x 8" Tapping Sleeve & Valve (JEA Supplied Material)	1	EA	\$ 8,500.00	\$ 8,500.00
23	801.XIV.7	Connect to Existing 8" Water Main (JEA Supplied Material)	1	EA	\$ 6,000.00	\$ 6,000.00

1410330446 Addendum 3 Appendix B - Bid Workbook
Galvanized Pipe Replacement Program College St. Area
(Only Complete the Prices in Yellow Cells)

Galvanized Pipe Replacement Program - Packages C & G

Item	Spec No.	Description	Est. Qty	Unit	Unit Price	Cost
24	801.XIII.1	8" PVC DR-18 Water Main (JEA Supplied Pipe)	740	LF	\$ 108.00	\$ 79,920.00
25	801.XIII.2	8" x 6" DI MJ Reducer (JEA Supplied Material)	4	EA	\$ 90.00	\$ 360.00
26	801.XIII.2	8" x 8"x 6" DI MJ Tee (JEA Supplied Material)	2	EA	\$ 40.00	\$ 80.00
27	801.XIII.2	8" x 8"x 8" DI MJ Tee (JEA Supplied Material)	1	EA	\$ 150.00	\$ 150.00
28	801.XIII.2	8" 11.25 Degree DI MJ Bend (JEA Supplied Material)	2	EA	\$ 40.00	\$ 80.00
29	801.XIII.2	8" 45 Degree DI MJ Bend (JEA Supplied Material)	12	EA	\$ 90.00	\$ 1,080.00
30	801.XIII.2	8" Gate Valve (JEA Supplied Material)	3	EA	\$ 300.00	\$ 900.00
31	801.XIII.6	8" Pipe Bell Restraints (JEA Supplied Material)	14	EA	\$ 40.00	\$ 560.00
32	801.XIII.1	18" DR-17 HDPE DIPS Pipe [for casing] (JEA Supplied Material)	160	LF	\$ 45.00	\$ 7,200.00
33	801.XIII.9.	Remove & Replace Existing 1" Water Service - (Short) (JEA Supplied Material)	16	EA	\$ 450.00	\$ 7,200.00
34	801.XIII.9.	Remove & Replace Existing 1" Water Service - (Long) (JEA Supplied Material)	12	EA	\$ 850.00	\$ 10,200.00
35	801.XIII.9.	Remove & Relocate Existing 1" Water Service - (Short) (JEA Supplied Material)	1	EA	\$ 375.00	\$ 375.00
36	801.XIII.8	Furnish & Install New 1" Water Service - (Short) (JEA Supplied Material)	8	EA	\$ 550.00	\$ 4,400.00
37	801.XIII.8	Furnish & Install New 1" Water Service - (Long) (JEA Supplied Material)	16	EA	\$ 1,100.00	\$ 17,600.00
38	801.XIII.12	Temporary Sample Tap (W-25, W-26) (JEA Supplied Material)	7	EA	\$ 275.00	\$ 1,925.00
39	801.IV.4	AASHTO Class A-3 Soil	288	CY	\$ 30.00	\$ 8,640.00
40	N/A	Testing Allowance	1	LS		\$ 4,000.00
41	N/A	SWA Allowance	1	LS		\$ 20,000.00
Part I Water Main Subtotal						\$ 447,190.00

PART II - PAVING & DRAINAGE CONSTRUCTION

Item	Spec No.	Description	Est. Qty	Unit	Unit Price	Cost
1	801.IX.1	Pavement Removal	615	SY	\$ 19.00	\$ 11,685.00
2	801.IX.2/S.C. 16	Case X Pavement Repair Permanent	615	SY	\$ 36.00	\$ 22,140.00
3	801.IX.6	1.5" Mill & Resurface	1,629	SY	\$ 24.00	\$ 39,096.00
4	801.X.1	Concrete Sidewalk Removal (all thicknesses)	659	SY	\$ 14.00	\$ 9,226.00
5	801.X.4	4" Thick Concrete Sidewalk Replacement	646	SY	\$ 58.00	\$ 37,468.00
6	801.X.2	Driveway Removal (all types)	500	SY	\$ 14.00	\$ 7,000.00
7	801.X.5	5" Thick Concrete Driveway	75	SY	\$ 110.00	\$ 8,250.00
8	801.X.5	Asphalt/Dirt Driveway	425	SY	\$ 30.00	\$ 12,750.00
9	801.X.5	ADA Ramp Installation	7	EA	\$ 1,350.00	\$ 9,450.00
10	801.X.3	Removal Of Curb And Gutter (No scope in project)	-	LF		\$ -
11	801.X.6.	Installation Of Curb And Gutter (No scope in project)	-	LF		\$ -
12	801.XII.1	12", 15", and 18" RCP	200	LF	\$ 105.00	\$ 21,000.00
13	801.III.2.4	Remove Storm Piping (All types/sizes)	150	LF	\$ 28.00	\$ 4,200.00
14	801.VIII	Sodding	1,444	SY	\$ 10.00	\$ 14,440.00
Part II Paving & Drainage Subtotal						\$ 196,705.00

Package G PARTS I THRU IV TOTAL \$ **643,895.00**

General Conditions Percentage (10% max) 9.9% \$ **64,000.00**

Package G Bid Total \$ **707,895.00**

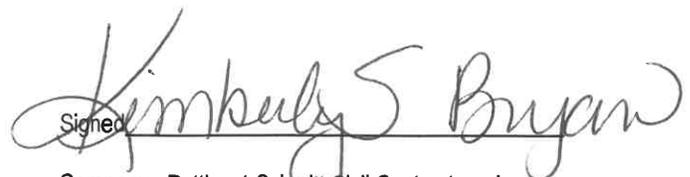
Total Bid Price (Packages C & G, transfer total to Page 1 Appendix B - Bid Form) \$ **1,421,961.99**

Total Bid Price less General Conditions, SWAs and Allowances: \$ **1,245,962.00**
JSEB Requirement: 12%
JSEB Requirement (dollars): \$ **149,515.44**

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 -1410330446. 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)	*Name of JSEB Contractor (Indicate below)	Percentage of Total Job or Dollar Amount
Supply haul base/bituminous materials	DJ Contracting of Jacksonville, Inc.	3.63%
Striping & Signage	M & J Striping, Inc.	1.25%
Grassing	Landscape Construction, LLC.	1.19%
Hauling	Garmon Trucking, Inc.	3.01%
Fill Dirt	Garmon Trucking, Inc.	2.92%

Signed 

Company Petticoat-Schmitt Civil Contractors, Inc.

Address 6380 Philips Hwy., Jacksonville, FL 32216

Date: 6/29/21

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



Formal Bid and Award System

Award #3 July 8, 2021

Type of Award Request: CONTRACT INCREASE
Request #: 6235
Requestor Name: AKRAYI, JAMILA
Requestor Phone: 904 - 665-6171
Project Title: SJRPP Decommissioning Services – SJRCT Conveyor Demo
Project Number: 8004361
Project Location: JEA
Funds: CAPITAL
Budget Estimate: \$1,186,200.00

Scope of Work:

JEA is seeking the services of experienced consulting engineering firm that possesses technical expertise in the decommissioning of power plants (the “Company”). The particular areas of interest are permitting requirements in the State of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration (the “Work”). Expertise will also be required in decommissioning specification preparation and project management. JEA intends to Award one (1) Contract for the Work, and the Company shall be compensated for actual work performed based on the negotiated fixed rates.

JEA IFB/RFP/State/City/GSA#: 109-17 / CPA #167305
Purchasing Agent: Lovgren, Rodney D.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
APTIM ENVIRONMENTAL & INFRASTRUCTURE	Francis M. Noonan	1228 Winter Garden Vineland Rd. Winter Garden FL 34787	(904) 636-9360	\$1,186,200.00

Amount of Original Award: \$6,082,658.00
Date of Original Award: 08/03/2017
Change Order Amount: \$1,186,200.00

List of Previous Change Order/Amendments:

CPA #	Amount	Date
167305	\$5,926,123.00	05/10/2018
167305	\$2,222,500.00	12/05/2019
167305	\$1,764,500.00	08/13/2020
1673056	\$300,000.00	6/15/2021

New Not-To-Exceed Amount: \$17,481,981.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 08/11/2017

End Date (mm/dd/yyyy): Project Completion (October 2022)

JSEB Requirement: Ten Percent (10%) Goal

Comments on JSEB Requirements:

Original Award: Twenty Percent (20%) – Garmon Trucking, DJ Contracting, I-Tech
Contract Amendment #1 – No JSEB Impact
Contract Amendment #2 – No JSEB Impact
Contract Amendment #3 – No JSEB Impact
Contract Amendment #4 – No JSEB Impact

Background/Recommendations:

Originally solicited and approved by the Awards Committee on 08/03/2017 to CB&I Environmental & Infrastructure, Inc., for \$6,082,658.00. A copy of the original award is attached as back-up. It should be noted that during contract execution, CB&I provided documentation regarding their environmental and infrastructure services business unit sale, and reincorporation as APTIM Environmental & Infrastructure, owned by Veritas. JEA executed the contract with APTIM.

- The Original Award was for the specification development and project management services for demolition of the site.
- Contract Increase 1 added funds for cleaning services to start demolition, this scope was removed from the demolition contractors scope.
- Contract Increase 2 added funds for water treatment plant operations during demolition.
- Contract Increase 3 added funds to continue landfill operations.
- Contract Increase 4 added funds to support landfill closure.

This change order is to provide funding to project manage and oversee the demolition and rehabilitation of the St. John’s River Coal Terminal. This work was previously on hold and has been released and awarded to GSD Trading Inc.

Note, the work being performed under this contract will be reimbursed twenty percent (20%) by Florida Power & Light.

Request approval to award a Contract Increase to APTIM Environmental & Infrastructure for professional services in the decommissioning of the SJRPP in the amount of \$1,186,200.00, for a new not-to-exceed amount of \$17,481,981.00, subject to the availability of lawfully appropriated funds.

Director: Limbaugh, Margaret Z. - Dir Energy Project

Sr. Director: Kipp, James R. - Sr Dir Generation

VP: Erixton, Ricky D. - VP Electric Systems

APPROVALS:

Heather Beard 7/8/21

Chairman, Awards Committee **Date**

R.C. Heaton 7/8/21

Ryan Heaton, Mgr System Protection & Control **Date**

Projects



Gene Scott, P.E.
Director, Power/Industrial Decommissioning
Industrial, Commercial & Power

APTIM
5690 DTC Blvd.; Ste 600W
Greenwood Village, CO 80111
Tel: +1 303 741 7404
Mob: +1 303 882 2991
gene.scott@aptim.com

June 21, 2021

Jamila Akrayi
JEA
Manager, Project Management
4377 Heckscher Drive
Jacksonville, FL 32226

Subject: Professional Services for Demolition Management of the St. Johns River Coal Terminal (SJRCT) and Conveyor Systems

Dear Jamila:

(Please note that this letter is identical to our letter dated June 16, 2021 except for the addition of Travis Gillespie as Contracts Specialist to our proposed staff. This increases our estimated costs by \$24,960 for a new total of \$1,186,243)

APTIM looks forward to the opportunity to provide the required permitting, demolition planning, preparation, and project management services needed for the demolition of the SJRCT and associated conveyor systems. Given the project level of effort and the necessity to cover two proposed work fronts simultaneously on the project (marine and land-based activities), APTIM estimates the following personnel resources for this project:

APTIM Personnel Resource	% Utilization on the Project
One Project Director	25%
One Project Manager	100%
One Construction Manager	100%
One Field Engineer	100%
One Project Accountant	25%
One Contracts Specialist	20%
Total Estimated Cost:	\$1,186,243



These APTIM resources are based on a standard 40 hours per week schedule (8 hours per day, 5 days per week). If the Contractor(s) choose to work a standard 50 hours per week (10 hours per day, 5 days per week) then APTIM resources can be effectively staggered and overlapped to maintain 40 hours per week to optimize cost.

If the Contractor(s) are approved to work extended hours on any given day or the weekends (i.e., beyond the standard 50-hour work week), then APTIM would invoice any resource working the extended hours on a per-hour rate as follows:

APTIM Personnel Resource	Rate per Hour After 50 Hours per Week
Project Manager	\$165
Construction Manager	\$145
Field Engineer	\$105

Thank you for this opportunity to provide our services on the important project. If you have any questions or require additional information, please contact me at (303) 882-2991.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Gene Scott', with a long horizontal flourish extending to the right.

Gene Scott, P.E.
Director, Power/Industrial Decommissioning
APTIM Environmental & Infrastructure, Inc.



Formal Bid and Award System

Award #7 August 13, 2020

Type of Award Request: CHANGE ORDER
Request #: 6235
Requestor Name: Pinkstaff, Larry G. - Dir Energy Project Mgmt & Joint Assets
Requestor Phone: 904-665-4566
Project Title: SJRPP Decommissioning Services
Project Number: 8004361
Project Location: JEA
Funds: O&M
Budget Estimate: N/A

Scope of Work:

JEA is seeking the services of experienced consulting engineering firm that possesses technical expertise in the decommissioning of power plants (the "Company"). The particular areas of interest are permitting requirements in the State of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration (the "Work"). Expertise will also be required in decommissioning specification preparation and project management. JEA intends to Award one (1) Contract for the Work, and the Company shall be compensated for actual work performed based on the negotiated fixed rates.

The professional services the selected Company will provide, include, however are not limited to:

- Design criteria development for future solicitations,
- Provide Subject Matter Expert (SME) support on future solicitation evaluations,
- Project management and engineering oversight on future decommissioning, demolition and remediation work, and;
- Provide project management service through final site restoration (estimate two (2) years to completion)

JEA IFB/RFP/State/City/GSA#: 109-17 / CPA # 167305

Purchasing Agent: Lovgren, Rodney D.

Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
APTIM ENVIRONMENTAL & INFRASTRUCTURE	Francis M. Noonan	1228 Winter Garden Vineland Rd. Winter Garden FL 34787	(904) 636-9360	\$1,764,500.00

Amount of Original Award: \$6,082,658.00

Date of Original Award: 08/03/2017

Change Order Amount: \$1,764,500.00

List of Previous Change Order/Amendments:

CPA #	Amount	Date
167305	\$5,926,123.00	05/10/2018
167305	\$2,222,500.00	12/05/2019

New Not-To-Exceed Amount: \$15,995,781.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 08/11/2017
End Date (mm/dd/yyyy): Project Completion (November 2020)
JSEB Requirement: Ten Percent (10%) Goal

Comments on JSEB Requirements:

Original Award: Twenty Percent (20%) – Garmon Trucking, DJ Contracting, I-Tech

Background/Recommendations:

Originally solicited and approved by the Awards Committee on 08/03/2017 to CB&I Environmental & Infrastructure, Inc., for \$6,082,658.00. A copy of the original award is attached as back-up. It should be noted that during contract execution, CB&I provided documentation regarding their environmental and infrastructure services business unit sale, and reincorporation as APTIM Environmental & Infrastructure, owned by Veritas. JEA executed the contract with APTIM.

Two previous change orders were processed for \$5,926,123.00 in May 2018, and \$2,222,500.00 December of 2019 for the continuation of decommissioning services.

This change order is to provide project management and oversee the project through the revised schedule for demolition completion by September 2020, and remediation completion November 2020. This change order includes new completion dates of the site as well as hours for the demolition of conveyor and hours for closure of the active landfill.

Note, the work being performed under this contract will be reimbursed by twenty percent (20%) by Florida Power & Light.

Request approval to award a change order to APTIM Environmental & Infrastructure for professional services in the decommissioning of the SJRPP in the amount of \$1,764,500.00, for a new not-to-exceed amount of \$15,995,781.00, subject to the availability of lawfully appropriated funds.

Director: Pinkstaff, Larry G. - Dir Energy Project Mgmt & Joint Assets
Sr. Director: Acs, Gabor - Sr Dir Engineering & Projects
VP: Ricky Erixton – Interim GM Electric Systems

APPROVALS:

 _____ 08/13/2020

Chairman, Awards Committee **Date**

 _____ 8/17/2020

Budget Representative **Date**

CBI Proposal Engineer/Consultant Cost

Position	Rate - \$/Hr	Hours	Cost
Project Manager	\$225.00	5,040	\$1,134,000
Project Accountant	\$82.00	3,900	\$319,800
Lead Environmental	\$130.00	2,160	\$280,800
Lead Senior Engineer	\$175.00	4,100	\$717,500
Technical Advisor	\$200.00	1,700	\$340,000
Safety Site Manager	\$155.00	4,080	\$632,400
Security Specialist	\$100.00	0	\$0
Permitting	\$130.00	1,656	\$215,280
Geotechnical	\$150.00	1,900	\$285,000
On-Site Engineering	\$140.00	3,531	\$494,340
Contract Manager	\$155.00	3,200	\$496,000
Contract Manager	\$155.00	3,200	\$496,000
Contract Manager	\$155.00	2,000	\$310,000
Site Operator	\$100.00	960	\$96,000
Surveyor	\$150.00	414	\$62,100
Equipment Charges			\$213,408
CO #1 Senior Engineer ¹	\$175.00	3,840	\$672,000
CO #1 Engineer ²	\$140.00	3,840	\$537,600
CO #1 Site Operator ³	\$100.00	14,908	\$1,490,800
CO # Site Operator ⁴	\$100.00	15,000	\$1,500,000
CO #1 Site Operator ⁵	\$100.00	15,000	\$1,500,000
CO #1 (See attached quote)			\$225,723
CO #2 Senior Engineer	\$175.00	3,500	\$612,500
CO #2 Engineer	\$140.00	4,000	\$560,000
CO #2 Site Operator	\$100.00	10,500	\$1,050,000

CO #3 Senior Engineer	\$175.00	3,900	\$682,500
CO #3 Engineer	\$140.00	7,500	\$1,050,000
CO #3 Site Operator	\$100.00	320	\$32,000
Change Order 3 Total			\$1,764,500
Change Order 2 Total			\$2,222,500
Change Order 1 Total			\$5,926,123
Original Award			\$6,082,658
Total New Award			\$15,995,781

CBI Proposal Engineer/Consultant Cost

Position	Rate - \$/Hr	Hours	Cost
Project Manager	\$225.00	5,040	\$1,134,000
Project Accountant	\$82.00	3,900	\$319,800
Lead Environmental	\$130.00	2,160	\$280,800
Lead Senior Engineer	\$175.00	4,100	\$717,500
Technical Advisor	\$200.00	1,700	\$340,000
Safety Site Manager	\$155.00	4,080	\$632,400
Security Specialist	\$100.00	0	\$0
Permitting	\$130.00	1,656	\$215,280
Geotechnical	\$150.00	1,900	\$285,000
On-Site Engineering	\$140.00	3,531	\$494,340
Contract Manager	\$155.00	3,200	\$496,000
Contract Manager	\$155.00	3,200	\$496,000
Contract Manager	\$155.00	2,000	\$310,000
Site Operator	\$100.00	960	\$96,000
Surveyor	\$150.00	414	\$62,100
Equipment Charges			\$213,408
Change #1 Senior Engineer ¹	\$175.00	3,840	\$672,000
Change #1 Engineer ²	\$140.00	3,840	\$537,600
Change #1 Site Operator ³	\$100.00	14,908	\$1,490,800
Change #2 Site Operator ⁴	\$100.00	15,000	\$1,500,000
Change #3 Site Operator ⁵	\$100.00	15,000	\$1,500,000
Change #4 (See attached quote)			\$225,723
¹ 6 months x 4 engineers	² 6 months x 4 engineers	Change Order Total	\$5,926,123
³ 6 months x 15 operators		Original Award	\$6,082,658
^{4,5} 24 months x 3 operators + 1 part-time as required		Total New Award	\$12,008,781

CBI Proposal

Engineer/Consultant Cost

Position	Rate - \$/Hr	Hours
Project Manager	\$225.00	5,040
Project Accountant	\$82.00	4,000
Lead Environmental	\$130.00	2,160
Lead Senior Engineer	\$175.00	4,100
Technical Advisor	\$200.00	1,741
Safety Specialist	\$102.00	4,280
Security Specialist	\$100.00	800
Permitting	\$130.00	1,656
Geotechnical*	\$150.00	2,090
On-Site Engineering	\$140.00	3,531
Contract Manager	\$155.00	3,200
Contract Manager	\$155.00	3,200
Contract Manager	\$155.00	2,400
Site Operator*	\$100.00	960
Surveyor*	\$150.00	414
Equipment Charges		
TOTALS		39,572

	Cash flow		
	2 months	12 months	12 months
Cost	FY17	FY18	FY19
\$1,134,000	\$87,230.77	\$523,384.62	\$523,384.62
\$328,000	\$25,230.77	\$151,384.62	\$151,384.62
\$280,800	\$21,600.00	\$129,600.00	\$129,600.00
\$717,500	\$55,192.31	\$331,153.85	\$331,153.85
\$348,200	\$26,784.62	\$160,707.69	\$160,707.69
\$436,560	\$0	\$218,280	\$218,280
\$80,000	\$0	\$40,000	\$40,000
\$215,280	\$16,560.00	\$99,360.00	\$99,360.00
\$313,500	\$0	\$156,750	\$156,750
\$494,340	\$0	\$247,170	\$247,170
\$496,000	\$0	\$248,000	\$248,000
\$496,000	\$0	\$248,000	\$248,000
\$372,000	\$0	\$186,000	\$186,000
\$96,000	\$0	\$48,000	\$48,000
\$62,100	\$0	\$31,050	\$31,050
\$213,408	\$0	\$0	\$213,408
6,083,688	\$232,598	\$2,818,841	\$3,032,249

Budget Values		
\$232,598	\$2,818,841	\$3,032,249
	Total	\$6,083,688



Formal Bid and Award System

CPA 167305

Award #2 May 10, 2018

Type of Award Request: CHANGE ORDER
Request #: 6235
Requestor Name: Larry Pinkstaff
Requestor Phone: (904) 665-4566
Project Title: SJRPP Decommissioning Services
Project Number: 8004361
Project Location: JEA
Funds: Capital
Award Estimate: N/A

Scope of Work:

JEA is seeking the services of experienced consulting engineering firms that possess technical expertise in the decommissioning of power plants. The particular areas of interest are permitting requirements in the state of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration. Expertise will also be required in construction specification preparation and project management. Work will be issued to the successful firm via a purchase order prior to the prosecution of work. The Consultant/Engineer shall be compensated for actual work performed based on the fixed rates submitted with this proposal package.

JEA IFB/RFP/ITN#: 109-17
Purchasing Agent: Lovgren, Rodney D.
Is this a Ratification?: YES

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
APTIM ENVIRONMENTAL & INFRASTRUCTURE, INC.	Francis M Noonan	1228 Winter Garden Vineland Rd Winter Garden FL 34787	(904) 636-9360	\$5,926,123.00

Amount of Original Award: \$6,082,658.00
Date of Original Award: 08/03/2017
Change Order Amount: \$5,926,123.00
New Not-To-Exceed Amount: \$12,008,781.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 08/11/2017
End Date (mm/dd/yyyy): Project Completion (Estimated September 2019)
JSEB Requirement: Ten Percent (10%) Goal

Comments on JSEB Requirements:

Original award: Twenty Percent (20%) Proposed – JEA and APTIM will continue to monitor JSEB in accordance with the goals set in the original award.

Background/Recommendations:

Originally solicited and approved by the Awards Committee on 08/03/2017 to CB&I Environmental & Infrastructure, Inc., for \$6,082,658.00. A copy of the original award is attached as back-up. During contract execution, CB&I provided documentation regarding their environmental and infrastructure services business unit sale and reincorporation as APTIM Environmental & Infrastructure, owned by Veritas. JEA executed the contract with APTIM.

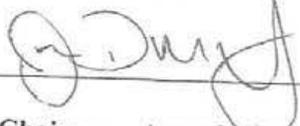
The professional services proposal was evaluated as the most qualified and the rates were negotiated. The initial services selected were for writing the demolition & remediation specifications and performing contract management. The hours for the selected services were estimated by JEA and the contract value was established at \$6,082,658.00.

The original professional services specification provided add-in options that would allow JEA to leverage APTIM's current work. This proposed increase in contract value corresponds to decommissioning shutdown and cleaning, wastewater, landfill maintenance and landfill closure. This proposed change order is further outlined in the attached backup. The award request is for the full change order amount, with 20% to be reimbursed by Florida Power & Light.

Request approval to award a change order to APTIM Environmental & Infrastructure for professional services in the decommissioning of the SJRPP in the amount of \$5,926,123.00, for a new not-to-exceed amount of \$12,008,781.00, subject to the availability of lawfully appropriated funds.

Director: Pinkstaff, Larry G. - Director, Joint Owned Electric Assets
VP: Brost, Mike J. - VP/GM Electric Systems

APPROVALS:



Chairman, Awards Committee 5-10-18
Date

Manager, Capital Budget Planning **Date**

CPA 167305

Approved by the JEA Awards Committee
Date 8/3/17 Item # 5

Formal Bid and Award System

Award #5 August 3, 2017

Type of Award Request: PROPOSAL (RFP)
 Request #: 3941
 Requestor Name: Bradley, Larry F.
 Requestor Phone: (904) 665-8728
 Project Title: SJRPP Decommissioning Services
 Project Number: 000467
 Project Location: SJRPP
 Funds: Capital and O&M
 Award Estimate: \$6,721,000.00
 Scope of Work:

JEA is seeking the services of experienced consulting engineering firms that possess technical expertise in the decommissioning of power plants. The particular areas of interest are permitting requirements in the state of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration. Expertise will also be required in construction specification preparation and project management. Work will be issued to the successful firm via a purchase order prior to the prosecution of work. The Consultant/Engineer shall be compensated for actual work performed based on the fixed rates submitted with this proposal package.

JEA IFB/RFP/State/City/GSA#: 109-17
 Purchasing Agent: Lovgren, Rodney Dennis
 Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	Kenneth Beard	9143 Phillips Highway, Suite 400 Jacksonville, FL 32256	(720) 554-8117	\$6,082,658.00

Amount for entire term of Contract/PO: \$6,082,658.00
 Award Amount for remainder of this FY: \$200,000.00
 Length of Contract/PO Term: Project Completion
 Begin Date (mm/dd/yyyy): 08/11/2017
 End Date (mm/dd/yyyy): Project Completion
 JSEB Requirement: Ten percent (10%) Goal, 20% Proposed

Comments on JSEB Requirements:

Environmental Resource Solutions -4%; I-Tech Resources -10%; Meskel & Associates -5%; R E Holland & Assoc. -1%

BIDDERS:

Name	Amount	Rank	SCORES
CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	\$6,082,658.00	1	73.0
BURNS & MCDONNELL		2	70.1
BLACK AND VEATCH		3	66.1
AMEC FOSTER WHEELER		4	67.0
ERM - SOUTHEAST		5	57.4
TRC ENGINEERS INC.		5	57.6

Background/Recommendations:

Advertised 06/05/2017. Fourteen (14) companies attended the pre-response meeting on 06/16/2017. At Proposal opening on 06/27/2017, JEA received six (6) Proposals. The public evaluation meeting was held on 07/13/17, and JEA deemed Burns and MacDonald the most qualified to perform the work.

On 07/14/2017, CB&I Environmental & Infrastructure, Inc. submitted a protest letter regarding JEA's final evaluation rankings regarding the scoring of Project Manager Proximity for TRC, stating they did not have a local office. On 07/20/2017 an informal Chief Procurement Officer (CPO) protest meeting was held. JEA determined the project manager proximity ranking for TRC was for the Lead Environmental Engineer, not the Project Manager, which required rescoring of the proximity points. The rescoring deemed CB&I the most qualified to perform the work. The CPO decision letter, evaluation summary matrix and negotiated fees is attached as back-up.

This contract is to engage an engineering firm, familiar with power plant decommissioning, to provide specifications for bidding a demolition and a remediation contract. The firm shall also provide resources for managing the field work associated with the entire decommissioning process.

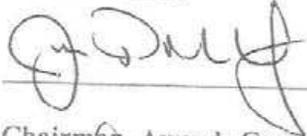
When comparing rates for this project to other types of professional services (general engineering and environmental services), rates are in line with other contracts for comparable types of positions (field engineers, engineers cad technicians). When comparing the higher level positions (Lead Senior Engineer and Project Manager) the type of project work for this contract appears to command a higher rate for specialized service and is deemed reasonable. A spreadsheet with comparable rates is attached as back-up.

109-17 – Request approval to award a contract to CB&I Environmental & Infrastructure, Inc. for the decommissioning of the SJRPP in the amount of \$6,082,658.00, subject to the availability of lawfully appropriated funds.

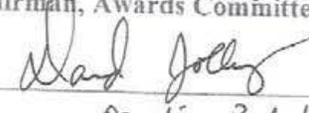
Award #2

Manager: Conner, Sean M. - Sr. Manager - Eng. Env, PdM
Director: Pinkstaff, Larry G. - Director, Joint Owned Electric Assets
VP: Brost, Mike J. - VP/GM Electric Systems

APPROVALS:

 8-3-17

Chairman, Awards Committee Date

 3 Aug 2017

Manager, ^{Operating Budgets} Capital Budget Planning Date

 8/2/17

Sr-Mgr, Business Services for SJRPP Date

109-17 Professional Services for Decommissioning Management for SIRPP - Post C/P0 Protest Hearing

Vendor	PM	Office	PM Address	Miles	Calc.	Points Awarded
Rebecca VanDerBrick Greco Energi Vic Panfiliotis Greco Scotti Blake Swenson Luzia Miranda	Inv. Office Inv. Office Inv. Office Inv. Office Inv. Office Inv. Office	Proposif form & PM address: 6226 Greenland Road, Jacksonville, FL 32258 (18 miles) Proposif form & PM address: 12740 Green Bay Parkway West, Suite 2742, Jacksonville, FL 32216 (7 miles) PM address: 5511 Capital Center Drive, Raleigh, NC 27606 (459 miles) PM address: 2103 Phillips Highway, Suite 800, Jacksonville, FL 32256 (12.5 miles) PM address: 8025 Woodfield Crossing Road, Suite 5029, Jacksonville, FL 32216 Classified PM to NY 31 West 34th Street Suite 7100, New York, NY 10021 (933 miles)	3.0 16.7 459 12.5 913 933	3.5 3.7 0.1 5.0 0.1 0.1	4 4 0 5 0 0	

Calculation for Proximity

Closest Proximity receives 5 points
 Next Closest = 5 pts X (closest / next closest)
 Example, Bidder 1 PM - 50 miles, bidder 2 PM - 100 miles
 Bidder 1 PM = 5 points
 Bidder 2 = (50 / 100) X 5 = 2.5 pts (Round to 3)

Vendor	Bradley	Midwest	Poststaff	1 Rank	Rank	Rank
AMEC FOSTER WHEELER	3	4	4	11	4	3
BLACK AND VEATCH	6	1	2	9	3	4
BURN & MCDONALD	5	2	1	8	2	4
CB & I	1	3	3	7	1	4
EDM - SOUTH-EAST	2	5	5	14	5	5
TRC ENGINEERS INC	4	5	6	14	5	5

Professional Staff Experience (10 Points)	Design Approach and Work Plan (40 Points)	Company Experience (20 Points)	Proximity to JEA (5 Points)	JEA (5 Points)	Total	Rank
AMEC FOSTER WHEELER	24	10	4	4	67.67	3
BLACK AND VEATCH	24	7	4	1	54.33	6
BURN & MCDONALD	24	11	0	1	54.07	5
CB & I	21.67	14	5	4	60.67	2
EDM - SOUTH-EAST	23.33	33	0	4	74.33	2
TRC ENGINEERS INC	19.33	13	0	4	67.33	4

Professional Staff Experience (10 Points)	Design Approach and Work Plan (40 Points)	Company Experience (10 Points)	Proximity to JEA (5 Points)	JEA (5 Points)	Total	Rank
AMEC FOSTER WHEELER	24	11	4	4	66.00	4
BLACK AND VEATCH	34	12	4	1	72.31	1
BURN & MCDONALD	30	14	0	1	71.00	2
CB & I	22	16	5	4	68.97	3
EDM - SOUTH-EAST	21.67	4	0	4	36.67	6
TRC ENGINEERS INC	19.33	4	0	4	39.33	5

Professional Staff Experience (10 Points)	Design Approach and Work Plan (40 Points)	Company Experience (10 Points)	Proximity to JEA (5 Points)	JEA (5 Points)	Total	Rank
AMEC FOSTER WHEELER	24	14	4	4	67.33	4
BLACK AND VEATCH	30	16	4	1	71.67	2
BURN & MCDONALD	27	20	0	1	68.67	3
CB & I	22.67	14	5	4	68.67	3
EDM - SOUTH-EAST	21.33	10	0	4	62.33	6
TRC ENGINEERS INC	20.00	18	0	4	66.00	5

JEA SJRPP RFP 109-17
Decommissioning Management
APTIM Rates

Job Function	Rate
Accounting Specialist	\$ 82
Asbestos Supervisor	\$ 92
CADD/GIS	\$ 95
Construction Manager	\$ 155
Engineer	\$ 160
Environmental Scientist	\$ 75
Estimator	\$ 133
Field Engineer	\$ 85
Lead Environmental Specialist	\$ 130
Lead Senior Engineer	\$ 175
Project Manager	\$ 193
Safety Manager	\$ 177
Safety Specialist	\$ 102
Scheduler	\$ 151
Site Engineer	\$ 140
Technical Editor	\$ 55
Subcontractors	Cost + 15%
ODCs	Cost + 10%
Aerosol Dust Monitor	\$ 25
Air Sampling Pump	\$ 15
Air Sampling Pump, Calibrator	\$ 5
Conductivity Meter	\$ 11
Dissolved Oxygen Meter	\$ 33
Explosimeter	\$ 40
Flame Ionization Detector (OVA)	\$ 75
4-Gas Meter	\$ 60
GPS Unit (Handheld)	\$ 33
Hand Auger (Stainless Steel)	\$ 13
Oil/Water Interface Probe	\$ 21
Peristaltic Sampling Pump	\$ 43
pH Meter	\$ 11
Photoionization Detector	\$ 65
Pick-up Truck	\$ 55
Thermometer	\$ 3
Turbidity Meter	\$ 39
Water Level Indicator	\$ 11
YSI Sample Unit	\$ 50

**CBI P+A1:H24roposal
CBI Proposal
Engineer/Consultant Cost**

Position	Rate - \$/Hr	Hours	Cost	Location	Cash flow		
					2 months FY17	12 months FY18	12 months FY19
Project Manager	\$193.00	5,040	\$972,720	Office and Field	\$74,824.62	\$448,947.69	\$448,947.69
Project Accountant	\$82.00	4,000	\$328,000	Office and Field	\$25,230.77	\$151,384.62	\$151,384.62
Lead Environmental	\$130.00	2,160	\$280,800	Office and Field	\$21,600.00	\$129,600.00	\$129,600.00
Lead Senior Engineer	\$175.00	3,790	\$663,250	Office and Field	\$51,019.23	\$306,115.38	\$306,115.38
Technical Advisor*	\$200.00	1,741	\$348,200	Office and Field	\$26,784.62	\$160,707.69	\$160,707.69
Safety Specialist	\$102.00	4,030	\$411,060	Field	\$0	\$205,530	\$205,530
Security Specialist*	\$100.00	3,200	\$320,000	Field	\$0	\$160,000	\$160,000
Permitting	\$130.00	1,656	\$215,280	Office and Field	\$16,560.00	\$99,360.00	\$99,360.00
Geotechnical*	\$150.00	2,090	\$313,500	Field	\$0	\$156,750	\$156,750
On-Site Engineering	\$140.00	3,531	\$494,340	Field	\$0	\$247,170	\$247,170
Contract Manager	\$155.00	3,200	\$496,000	Field	\$0	\$248,000	\$248,000
Contract Manager	\$155.00	3,200	\$496,000	Field	\$0	\$248,000	\$248,000
Contract Manager	\$155.00	2,400	\$372,000	Field	\$0	\$186,000	\$186,000
Site Operator*	\$100.00	960	\$96,000	Field	\$0	\$48,000	\$48,000
Surveyor*	\$150.00	414	\$62,100	Field	\$0	\$31,050	\$31,050
Equipment Charges					\$0	\$0	\$213,408
TOTALS		41,412	6,082,658		\$216,019	\$2,826,615	\$3,040,023

* - Indicates that the rate was not given on the CBI's rate chart and has been estimated

Award #2

Profession	109-17	Worley Parsons off General Engineer Contract	Golder KGS monitoring enviro	Black and Veatch Engineering Services
Accounting Specialist	\$ 82.00			\$ 81.74
Asbestos Supervisor	\$ 92.00			
CADD/GIS	\$ 95.00		\$ 98.00	
Construction Manager	\$ 155.00			
Engineer	\$ 160.00	\$ 166.05	\$ 171.00	\$ 172.00
Environmental Scientist	\$ 75.00			
Estimator	\$ 133.00			
Field Engineer	\$ 85.00	\$ 92.14	\$ 91.00	\$ 98.51
Lead Environmental Specialist	\$ 130.00			
Lead Senior Engineer	\$ 175.00	\$ 148.25	\$ 143.00	
Project Manager	\$ 193.00	\$ 132.37	\$ 122.00	\$ 185.72
Safety Manager	\$ 177.00			
Safety Specialist	\$ 102.00			
Scheduler	\$ 151.00			
Site Engineer	\$ 140.00			
Technical Editor	\$ 55.00			
Subcontractors	Cost + 15%			
ODCs	Cost + 10%			
Aerosol Dust Monitor	\$ 25.00			
Air Sampling Pump	\$ 15.00			
Air Sampling Pump, Calibrator	\$ 5.00			
Conductivity Meter	\$ 11.00			
Dissolved Oxygen Meter	\$ 33.00			
Explosimeter	\$ 40.00			
Flame Ionization Detector (OVA)	\$ 75.00			
4-Gas Meter	\$ 60.00			
GPS Unit (Handheld)	\$ 33.00			
Hand Auger (Stainless Steel)	\$ 13.00			
Oil/Water Interface Probe	\$ 21.00			
Peristaltic Sampling Pump	\$ 43.00			
pH Meter	\$ 11.00			
Photoionization Detector	\$ 65.00			
Pick-up Truck	\$ 55.00			
Thermometer	\$ 3.00			
Turbidity Meter	\$ 39.00			
Water Level Indicator	\$ 11.00			
YSI Sample Unit	\$ 50.00			

APTIM CONTRACT VALUE INCREASE

Background

In July, 2017 APTIM was awarded the contract for "Professional Services for the Decommissioning Management for the SJRPP Facility" (contract #14883418, CPA #167305). The APTIM professional services proposal was evaluated as the most qualified and the rates were negotiated. The initial services selected were for writing the demolition & remediation specifications and performing contract management. The hours for the selected services were estimated by JEA and the contract value (CPA) was established at \$6,082,658.00.

The Professional Services specification allowed for other services if selected. This proposed increase in contract value corresponds to additional services that have been selected for the project.

Change #1

Decommissioning Shutdown and Decommission Cleaning

The demolition specification required the demolition contractor to remove all the ash, coal, fuel and chemicals. The SJRPP units were in operation during the bidding contractors' walk through therefore it was not possible to assess the volumes of hoppers, tanks and boilers. Another issue that arose was the definition of "clean" from an environmental standpoint and how to determine when equipment was sufficiently clean to start demolition. It became obvious that the bidders intended to add significant contingencies in their bids to protect themselves regarding this issue. The decision was made to remove this work from the scope of the demolition contractor and have the cleaning performed by APTIM personnel and JEA contractors to eliminate the uncertainty for the contractors. The wisdom of this approach was validated when the demolition bids came in much lower than the Engineer's estimate. This approach also insured that the SJRPP plant was rendered environmentally safe for demolition. The budget sent to the owners on 11/17/2017 reflected the savings and change in scope. During the time period after 01/05/2018, JEA had APTIM hire qualified personnel to operate existing equipment and assist in the decommissioning of equipment. The cost for this work is estimated at \$2,700,400.00 in billed and future hours. Since this cost is now being billed to the APTIM contract instead of the demolition contract, the value above needs to be added to the APTIM contract.

Change #2

Wastewater Operation

The personnel for operation of the wastewater treatment plant moving forward until closure is now being provided by APTIM instead of an independent contractor. This integrated all personnel under one (1) plan for consistency. The estimated labor cost for operation of the wastewater facility is \$1,500,000.00. This is reflected in the 11/17/2017 budget and needs to be added to the APTIM contract value.

Change #3

Landfill Maintenance

The maintenance of the open landfill was kept in JEA's scope instead of a third party contractor to ensure environmental compliance. The use of this landfill is still in operation during the demolition/remediation time frame. The personnel for operation of the landfill moving forward until closure is now being provided by APTIM with oversight by JEA's Environmental group. This has integrated all personnel under one plan for consistency. The estimated labor cost for operation of the ash landfill is \$1,500,000.00. This is reflected in the 11/17/2017 budget and also needs to be added to the APTIM CPA.

Award #2

Change # 4

Landfill Closure

The overall design and project management for closing the active landfill at the end of the remediation process is now being provided by APTIM. For consistency with prior landfill construction, Golder & Associates will provide the permit engineering and submittal as a subcontractor to APTIM. Since this is an increase in scope for APTIM, the estimated cost of \$225,723.00 will need to be added to the APTIM contract value.

Summary

The total increase to the APTIM contract being proposed is \$5,926,123. The total CPA value would increase to \$12,008,781.

CBI Proposal Engineer/Consultant Cost

Position	Rate - \$/Hr	Hours	Cost
Project Manager	\$225.00	5,040	\$1,134,000
Project Accountant	\$82.00	3,900	\$319,800
Lead Environmental	\$130.00	2,160	\$280,800
Lead Senior Engineer	\$175.00	4,100	\$717,500
Technical Advisor	\$200.00	1,700	\$340,000
Safety Site Manager	\$155.00	4,080	\$632,400
Security Specialist	\$100.00	0	\$0
Permitting	\$130.00	1,656	\$215,280
Geotechnical	\$150.00	1,900	\$285,000
On-Site Engineering	\$140.00	3,531	\$494,340
Contract Manager	\$155.00	3,200	\$496,000
Contract Manager	\$155.00	3,200	\$496,000
Contract Manager	\$155.00	2,000	\$310,000
Site Operator	\$100.00	960	\$96,000
Surveyor	\$150.00	414	\$62,100
Equipment Charges			\$213,408
Change #1 Senior Engineer ¹	\$175.00	3,840	\$672,000
Change #1 Engineer ²	\$140.00	3,840	\$537,600
Change #1 Site Operator ³	\$100.00	14,908	\$1,490,800
Change #2 Site Operator ⁴	\$100.00	15,000	\$1,500,000
Change #3 Site Operator ⁵	\$100.00	15,000	\$1,500,000
Change #4 (See attached quote)			\$225,723
¹ 6 months x 4 engineers	² 6 months x 4 engineers	Change Order Total	\$5,926,123
³ 6 months x 15 operators		Original Award	\$6,082,658
^{4,5} 24 months x 3 operators + 1 part-time as required		Total New Award	\$12,008,781



Formal Bid and Award System

Award #7 December 5, 2019

Type of Award Request: CONTRACT INCREASE
Request #: 6235
Requestor Name: Pinkstaff, Larry G. - Dir Energy Project Mgmt & Joint Assets
Requestor Phone: 904-665-4566
Project Title: SJRPP Decommissioning Services
Project Number: 8004361
Project Location: JEA
Funds: O&M
Budget Estimate: N/A

Scope of Work:

JEA is seeking the services of experienced consulting engineering firms that possess technical expertise in the decommissioning of power plants. The particular areas of interest are permitting requirements in the state of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration. Expertise will also be required in construction specification preparation and project management. Work will be issued to the successful firm via a purchase order prior to the prosecution of work. The Consultant/Engineer shall be compensated for actual work performed based on the fixed rates submitted with this proposal package.

JEA IFB/RFP/State/City/GSA#: 109-17 / CPA # 167305
Purchasing Agent: Lovgren, Rodney D.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
APTIM ENVIRONMENTAL & INFRASTRUCTURE	Francis M. Noonan	1228 Winter Garden Vineland Rd. Winter Garden FL 34787	(904) 636-9360	\$2,222,500.00

Amount of Original Award: \$6,082,658.00
Date of Original Award: 08/03/2017
Change Order Amount: \$2,222,500.00

List of Previous Change Order/Amendments:

CPA #	Amount	Date
167305	\$5,926,123.00	05/10/2018

New Not-To-Exceed Amount: \$14,231,281.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 08/11/2017
End Date (mm/dd/yyyy): Project Completion (June 2020)

Renewal Options: N/A
JSEB Requirement: Ten Percent (10%) Goal

Comments on JSEB Requirements:

Original award: Twenty Percent (20%) – Garmon Trucking, DJ Contracting, I-Tech

Background/Recommendations:

Originally solicited and approved by the Awards Committee on 08/03/2017 to CB&I Environmental & Infrastructure, Inc., for \$6,082,658.00. A copy of the original award is attached as back-up. During contract execution, CB&I provided documentation regarding their environmental and infrastructure services business unit sale and reincorporation as APTIM Environmental & Infrastructure, owned by Veritas. JEA executed the contract with APTIM.

The Original Award was for professional services for writing the demolition & remediation specifications and performing contract management. The hours for the selected services were estimated by JEA and the contract value was established at \$6,082,658.00.

Change Order 1 for \$5,926,123.00 was to provide additional services (operations) for decommissioning, shutdown, cleaning, wastewater, landfill maintenance and closure & remediation through February 2020. The Change Order 1 Demolition completion was September 2019 and Remediation completion February 2020.

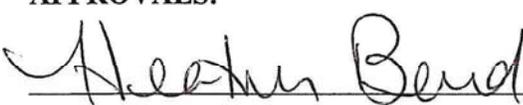
This Contract Increase for \$2,222,500.00 is for the continuation of services to support the original award and change order 1 scope increase. The current completion schedule is Demolition completion May 2020 and Remediation completion July 2020. A schedule delay was due to the additional coal pile turnover originally scheduled for October 2018 pushed to January 2019. The additional coal in inventory was due to economical outages in the fall of 2017 that added coal that was not projected at the time of the specification dates. A safety shutdown for engineering review and procedure changes for one month of a key milestone added to the delay.

The work being performed under this contract has 20% to be reimbursed by Florida Power & Light.

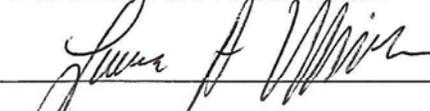
Request approval to award a change order to APTIM Environmental & Infrastructure for professional services in the decommissioning of the SJRPP in the amount of \$2,222,500.00, for a new not-to-exceed amount of \$14,231,281.00, subject to the availability of lawfully appropriated funds.

Director: Pinkstaff, Larry G. - Dir Energy Project Mgmt & Joint Assets
Sr. Director: Acs, Gabor - Sr Dir Engineering & Projects
VP: Anders, Caren B. - VP/GM Energy

APPROVALS:

 12/5/19

Chairman, Awards Committee **Date**

 12/5/19

Manager, Capital Budget Planning **Date**



Formal Bid and Award System

Award #5 August 3, 2017

Type of Award Request: PROPOSAL (RFP)
Request #: 3941
Requestor Name: Bradley, Larry F.
Requestor Phone: (904) 665-8728
Project Title: SJRPP Decommissioning Services
Project Number: 000467
Project Location: SJRPP
Funds: Capital and O&M
Award Estimate: \$6,721,000.00

Scope of Work:

JEA is seeking the services of experienced consulting engineering firms that possess technical expertise in the decommissioning of power plants. The particular areas of interest are permitting requirements in the state of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration. Expertise will also be required in construction specification preparation and project management. Work will be issued to the successful firm via a purchase order prior to the prosecution of work. The Consultant/Engineer shall be compensated for actual work performed based on the fixed rates submitted with this proposal package.

JEA IFB/RFP/State/City/GSA#: 109-17
Purchasing Agent: Lovgren, Rodney Dennis
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	Kenneth Beard	9143 Phillips Highway, Suite 400 Jacksonville, FL 32256	(720) 554-8117	\$6,082,658.00

Amount for entire term of Contract/PO: \$6,082,658.00
Award Amount for remainder of this FY: \$200,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 08/11/2017
End Date (mm/dd/yyyy): Project Completion
JSEB Requirement: Ten percent (10%) Goal, 20% Proposed

Comments on JSEB Requirements:

Environmental Resource Solutions -4%; I-Tech Resources -10%; Meskel & Associates -5%; R E Holland & Assoc. -1%

BIDDERS:

Name	Amount	Rank	SCORES
CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	\$6,082,658.00	1	73.0
BURNS & MCDONNELL		2	70.1
BLACK AND VEATCH		3	66.1
AMEC FOSTER WHEELER		4	67.0
ERM - SOUTHEAST		5	57.4
TRC ENGINEERS INC.		5	57.6

Background/Recommendations:

Advertised 06/05/2017. Fourteen (14) companies attended the pre-response meeting on 06/16/2017. At Proposal opening on 06/27/2017, JEA received six (6) Proposals. The public evaluation meeting was held on 07/13/17, and JEA deemed Burns and MacDonald the most qualified to perform the work.

On 07/14/2017, CB&I Environmental & Infrastructure, Inc. submitted a protest letter regarding JEA's final evaluation rankings regarding the scoring of Project Manager Proximity for TRC, stating they did not have a local office. On 07/20/2017 an informal Chief Procurement Officer (CPO) protest meeting was held. JEA determined the project manager proximity ranking for TRC was for the Lead Environmental Engineer, not the Project Manager, which required rescoring of the proximity points. The rescoring deemed CB&I the most qualified to perform the work. The CPO decision letter, evaluation summary matrix and negotiated fees is attached as back-up.

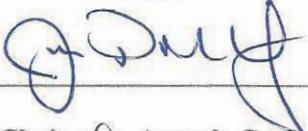
This contract is to engage an engineering firm, familiar with power plant decommissioning, to provide specifications for bidding a demolition and a remediation contract. The firm shall also provide resources for managing the field work associated with the entire decommissioning process.

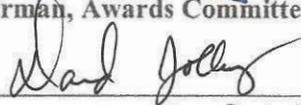
When comparing rates for this project to other types of professional services (general engineering and environmental services), rates are in line with other contracts for comparable types of positions (field engineers, engineers cad technicians). When comparing the higher level positions (Lead Senior Engineer and Project Manager) the type of project work for this contract appears to command a higher rate for specialized service and is deemed reasonable. A spreadsheet with comparable rates is attached as back-up.

109-17 – Request approval to award a contract to CB&I Environmental & Infrastructure, Inc. for the decommissioning of the SJRPP in the amount of \$6,082,658.00, subject to the availability of lawfully appropriated funds.

Manager: Conner, Sean M. - Sr. Manager - Eng, Env, PdM
Director: Pinkstaff, Larry G. - Director, Joint Owned Electric Assets
VP: Brost, Mike J. - VP/GM Electric Systems

APPROVALS:

 8-3-17
Chairman, Awards Committee Date

 3 Aug 2017
Manager, ^{Operating Budgets} Capital Budget Planning Date

 8/2/17
Sr Mgr, Business Services for SJRPP Date



Formal Bid and Award System

Award #7 December 5, 2019

Type of Award Request: CONTRACT INCREASE
Request #: 6235
Requestor Name: Pinkstaff, Larry G. - Dir Energy Project Mgmt & Joint Assets
Requestor Phone: 904-665-4566
Project Title: SJRPP Decommissioning Services
Project Number: 8004361
Project Location: JEA
Funds: O&M
Budget Estimate: N/A

Scope of Work:

JEA is seeking the services of experienced consulting engineering firms that possess technical expertise in the decommissioning of power plants. The particular areas of interest are permitting requirements in the state of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration. Expertise will also be required in construction specification preparation and project management. Work will be issued to the successful firm via a purchase order prior to the prosecution of work. The Consultant/Engineer shall be compensated for actual work performed based on the fixed rates submitted with this proposal package.

JEA IFB/RFP/State/City/GSA#: 109-17 / CPA # 167305
Purchasing Agent: Lovgren, Rodney D.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
APTIM ENVIRONMENTAL & INFRASTRUCTURE	Francis M. Noonan	1228 Winter Garden Vineland Rd. Winter Garden FL 34787	(904) 636-9360	\$2,222,500.00

Amount of Original Award: \$6,082,658.00
Date of Original Award: 08/03/2017
Change Order Amount: \$2,222,500.00

List of Previous Change Order/Amendments:

CPA #	Amount	Date
167305	\$5,926,123.00	05/10/2018

New Not-To-Exceed Amount: \$14,231,281.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 08/11/2017
End Date (mm/dd/yyyy): Project Completion (June 2020)

Renewal Options: N/A
JSEB Requirement: Ten Percent (10%) Goal

Comments on JSEB Requirements:

Original award: Twenty Percent (20%) – Garmon Trucking, DJ Contracting, I-Tech

Background/Recommendations:

Originally solicited and approved by the Awards Committee on 08/03/2017 to CB&I Environmental & Infrastructure, Inc., for \$6,082,658.00. A copy of the original award is attached as back-up. During contract execution, CB&I provided documentation regarding their environmental and infrastructure services business unit sale and reincorporation as APTIM Environmental & Infrastructure, owned by Veritas. JEA executed the contract with APTIM.

The Original Award was for professional services for writing the demolition & remediation specifications and performing contract management. The hours for the selected services were estimated by JEA and the contract value was established at \$6,082,658.00.

Change Order 1 for \$5,926,123.00 was to provide additional services (operations) for decommissioning, shutdown, cleaning, wastewater, landfill maintenance and closure & remediation through February 2020. The Change Order 1 Demolition completion was September 2019 and Remediation completion February 2020.

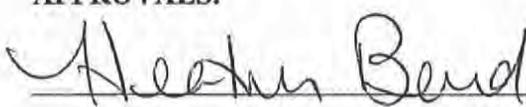
This Contract Increase for \$2,222,500.00 is for the continuation of services to support the original award and change order 1 scope increase. The current completion schedule is Demolition completion May 2020 and Remediation completion July 2020. A schedule delay was due to the additional coal pile turnover originally scheduled for October 2018 pushed to January 2019. The additional coal in inventory was due to economical outages in the fall of 2017 that added coal that was not projected at the time of the specification dates. A safety shutdown for engineering review and procedure changes for one month of a key milestone added to the delay.

The work being performed under this contract has 20% to be reimbursed by Florida Power & Light.

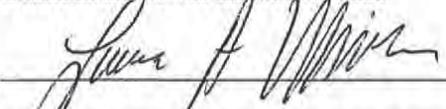
Request approval to award a change order to APTIM Environmental & Infrastructure for professional services in the decommissioning of the SJRPP in the amount of \$2,222,500.00, for a new not-to-exceed amount of \$14,231,281.00, subject to the availability of lawfully appropriated funds.

Director: Pinkstaff, Larry G. - Dir Energy Project Mgmt & Joint Assets
Sr. Director: Acs, Gabor - Sr Dir Engineering & Projects
VP: Anders, Caren B. - VP/GM Energy

APPROVALS:

 12/5/19

Chairman, Awards Committee **Date**

 12/5/19

Manager, Capital Budget Planning **Date**

CBI Proposal Engineer/Consultant Cost

Position	Rate - \$/Hr	Hours	Cost
Project Manager	\$225.00	5,040	\$1,134,000
Project Accountant	\$82.00	3,900	\$319,800
Lead Environmental	\$130.00	2,160	\$280,800
Lead Senior Engineer	\$175.00	4,100	\$717,500
Technical Advisor	\$200.00	1,700	\$340,000
Safety Site Manager	\$155.00	4,080	\$632,400
Security Specialist	\$100.00	0	\$0
Permitting	\$130.00	1,656	\$215,280
Geotechnical	\$150.00	1,900	\$285,000
On-Site Engineering	\$140.00	3,531	\$494,340
Contract Manager	\$155.00	3,200	\$496,000
Contract Manager	\$155.00	3,200	\$496,000
Contract Manager	\$155.00	2,000	\$310,000
Site Operator	\$100.00	960	\$96,000
Surveyor	\$150.00	414	\$62,100
Equipment Charges			\$213,408
CO #1 Senior Engineer ¹	\$175.00	3,840	\$672,000
CO #1 Engineer ²	\$140.00	3,840	\$537,600
CO #1 Site Operator ³	\$100.00	14,908	\$1,490,800
CO # Site Operator ⁴	\$100.00	15,000	\$1,500,000
CO #1 Site Operator ⁵	\$100.00	15,000	\$1,500,000
CO #1 (See attached quote)			\$225,723
CO #2 Senior Engineer	\$175.00	3,500	\$612,500
CO #2 Engineer	\$140.00	4,000	\$560,000
CO #2 Site Operator	\$100.00	10,500	\$1,050,000
		Change Order 2 Total	\$2,222,500
		Change Order 1 Total	\$5,926,123
		Original Award	\$6,082,658
		Total New Award	\$14,231,281



CPA 167305

Approved by the JEA Awards Committee
Date 8/3/17 Item # 5

Formal Bid and Award System

Award #5 August 3, 2017

Type of Award Request: PROPOSAL (RFP)
 Request #: 3941
 Requestor Name: Bradley, Larry F.
 Requestor Phone: (904) 665-8728
 Project Title: SJRPP Decommissioning Services
 Project Number: 000467
 Project Location: SJRPP
 Funds: Capital and O&M
 Award Estimate: \$6,721,000.00
 Scope of Work:

JEA is seeking the services of experienced consulting engineering firms that possess technical expertise in the decommissioning of power plants. The particular areas of interest are permitting requirements in the state of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration. Expertise will also be required in construction specification preparation and project management. Work will be issued to the successful firm via a purchase order prior to the prosecution of work. The Consultant/Engineer shall be compensated for actual work performed based on the fixed rates submitted with this proposal package.

JEA IFB/RFP/State/City/GSA#: 109-17
 Purchasing Agent: Lovgren, Rodney Dennis
 Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	Kenneth Beard	9143 Phillips Highway, Suite 400 Jacksonville, FL 32256	(720) 554-8117	\$6,082,658.00

Amount for entire term of Contract/PO: \$6,082,658.00
 Award Amount for remainder of this FY: \$200,000.00
 Length of Contract/PO Term: Project Completion
 Begin Date (mm/dd/yyyy): 08/11/2017
 End Date (mm/dd/yyyy): Project Completion
 JSEB Requirement: Ten percent (10%) Goal, 20% Proposed

Comments on JSEB Requirements:
 Environmental Resource Solutions -4%; I-Tech Resources -10%; Meskel & Associates -5%; R E Holland & Assoc. -1%

BIDDERS:

Name	Amount	Rank	SCORES
CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	\$6,082,658.00	1	73.0
BURNS & MCDONNELL		2	70.1
BLACK AND VEATCH		3	66.1
AMEC FOSTER WHEELER		4	67.0
ERM - SOUTHEAST		5	57.4
TRC ENGINEERS INC.		5	57.6

Background/Recommendations:

Advertised 06/05/2017. Fourteen (14) companies attended the pre-response meeting on 06/16/2017. At Proposal opening on 06/27/2017, JEA received six (6) Proposals. The public evaluation meeting was held on 07/13/17, and JEA deemed Burns and MacDonald the most qualified to perform the work.

On 07/14/2017, CB&I Environmental & Infrastructure, Inc. submitted a protest letter regarding JEA's final evaluation rankings regarding the scoring of Project Manager Proximity for TRC, stating they did not have a local office. On 07/20/2017 an informal Chief Procurement Officer (CPO) protest meeting was held. JEA determined the project manager proximity ranking for TRC was for the Lead Environmental Engineer, not the Project Manager, which required rescoring of the proximity points. The rescoring deemed CB&I the most qualified to perform the work. The CPO decision letter, evaluation summary matrix and negotiated fees is attached as back-up.

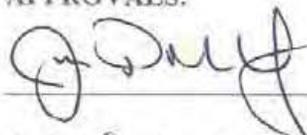
This contract is to engage an engineering firm, familiar with power plant decommissioning, to provide specifications for bidding a demolition and a remediation contract. The firm shall also provide resources for managing the field work associated with the entire decommissioning process.

When comparing rates for this project to other types of professional services (general engineering and environmental services), rates are in line with other contracts for comparable types of positions (field engineers, engineers cad technicians). When comparing the higher level positions (Lead Senior Engineer and Project Manager) the type of project work for this contract appears to command a higher rate for specialized service and is deemed reasonable. A spreadsheet with comparable rates is attached as back-up.

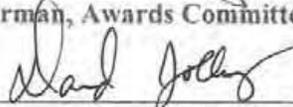
109-17 – Request approval to award a contract to CB&I Environmental & Infrastructure, Inc. for the decommissioning of the SJRPP in the amount of \$6,082,658.00, subject to the availability of lawfully appropriated funds.

Manager: Conner, Sean M. - Sr. Manager - Eng, Env, PdM
Director: Pinkstaff, Larry G. - Director, Joint Owned Electric Assets
VP: Brost, Mike J. - VP/GM Electric Systems

APPROVALS:

 8-3-17

Chairman, Awards Committee Date

 3 Aug 2017

Manager, ^{Operating Budgets} Capital Budget Planning Date

 8/2/17

Sr Mgr, Business Services for SJRPP Date

109-17 Professional Services for Decommissioning Management for SIRPP - Post CPO Protest Hearing

Vendor Ranking	Bradley	Mathews	Pinstaff	F Rank	Rank	PM	Office	PM Address	Miles	Calc.	Points Awarded
AMEC FOSTER WHEELER	3	4	4	11	4	Rebecca Vanderbeck	Jas. Office	Proposal Form & PM address: 6756 Greenleaf Road, Jacksonville, FL 32238 (18 miles)	18	3.5	4
BLACK AND VEATCH	6	1	2	9	3	Greg Bergt	Jas. Office	Proposal Form & PM address: 12940 Gran Bay Parkway West, Suite 2100, Jacksonville, FL (16.7 miles)	16.7	3.7	4
BURN & MCDONALD	5	2	3	8	2	Vic Banafetta	NC	PM address: 3511 Capital Center Drive, Raleigh, NC 27606 (659 miles)	459	0.1	0
CB & I	1	3	3	7	1	Greene Scott	Jas. Office	PM address: 9143 Phillips Highway, Suite 400, Jacksonville, FL 32256 (12.5 miles)	12.5	5.0	5
ERM - SOUTH-EAST	2	6	6	14	5	Blake Swerdjan	Indiana	PM address: 8425 Woodfield Crossing Blvd, Suite 560W, Indianapolis, Indiana 46240	91.3	0.1	0
TRC ENGINEERS INC	4	5	5	14	5	Laura Miranda	NY	Clarified PM to NY 31 West 34th Street Suite 7100, New York, NY 10001 (93.8 miles)	93.8	0.1	0

Calculation for Proximity
 Closest Proximity receives 5 points
 Next Closest = 5 pts X (closest / next closest)
 Example, Bidder 1 PM - 50 miles, bidder 2 PM - 100 miles
 Bidder 1 PM = 5 points
 Bidder 2 = (50 / 100) X 5 = 2.5 pts (Round to 3)

Vendor Ranking	Bradley	Mathews	Pinstaff	F Rank	Rank	Professional Staff Experience (50 Points)	Design Approach and Work Plan (40 Points)	Company Experience (20 Points)	Proximity to JEA (5 Points)	SEB (5 Points)	Total	Rank
AMEC FOSTER WHEELER	21.67	28	10	4	4	87.67	3					
BLACK AND VEATCH	18.33	24	7	4	1	54.33	6					
BURN & MCDONALD	22.67	24	11	0	1	58.67	5					
CB & I	21.67	34	16	5	4	80.67	1					
ERM - SOUTH-EAST	21.33	31	15	0	4	79.33	2					
TRC ENGINEERS INC	19.33	31	13	0	4	67.33	4					

Vendor Ranking	Bradley	Mathews	Pinstaff	F Rank	Rank	Professional Staff Experience (50 Points)	Design Approach and Work Plan (40 Points)	Company Experience (20 Points)	Proximity to JEA (5 Points)	SEB (5 Points)	Total	Rank
AMEC FOSTER WHEELER	21.00	34	11	4	4	86.00	4					
BLACK AND VEATCH	24.33	31	12	4	1	72.33	1					
BURN & MCDONALD	26.00	30	14	0	1	71.00	2					
CB & I	22.67	32	16	5	4	69.67	3					
ERM - SOUTH-EAST	21.67	7	4	0	4	36.07	6					
TRC ENGINEERS INC	19.33	12	4	0	4	39.31	5					

Vendor Ranking	Bradley	Mathews	Pinstaff	F Rank	Rank	Professional Staff Experience (50 Points)	Design Approach and Work Plan (40 Points)	Company Experience (20 Points)	Proximity to JEA (5 Points)	SEB (5 Points)	Total	Rank
AMEC FOSTER WHEELER	21.38	24	14	4	4	67.33	4					
BLACK AND VEATCH	20.67	30	16	4	1	71.67	2					
BURN & MCDONALD	25.67	27	20	0	1	80.67	1					
CB & I	21.67	22	16	5	4	68.67	3					
ERM - SOUTH-EAST	21.33	27	10	0	4	62.33	6					
TRC ENGINEERS INC	20.00	16	16	0	4	66.00	5					



July 24, 2017

Rick Faircloth
CB&I Environmental & Infrastructure, Inc.
9143 Phillips Highway, Suite 400
Jacksonville, FL 32256

RE: CHIEF PROCUREMENT OFFICER DECISION
JEA Solicitation 109-17
Professional Services for Decommissioning Management for SJRPP

Dear Mr. Faircloth:

This letter is written in accordance with Article 5-305 of JEA's Procurement Code in response to the protest received by CB&I Environmental & Infrastructure, Inc. ("CB&I") which protested JEA's the evaluation of proposals and final rankings associated with this Solicitation, specifically the Selection Criteria regarding the Project Manager Proximity to JEA. After taking into consideration (1) your protest letter dated July 14, 2017, and (2) the discussions on record at the informal protest meeting held on July 20, 2017, it is my decision to uphold CB&I's protest, we have rescored the proximity Selection Criteria, and CB&I is now determined to be the highest ranked proposer.

- 1) On June 5, 2017, JEA published the Request for Proposals ("Solicitation") for Professional Services for Decommissioning Management for SJRPP .
- 2) On July 13, 2017, JEA issued the final rankings results which stated Burns & McDonald Engineering Company, Inc. ("Burns & McDonald") was the highest ranked proposer.
- 3) On July 14, 2017, CB&I submitted a timely protest letter regarding JEA's final rankings of the proposers and stated that JEA made an apparent evaluation error regarding the Selection Criteria associated with Project Manager Proximity to JEA. CB&I's protest letter went on to state that TRC Engineers, Inc. ("TRC") received maximum points for its proximity to JEA, however, upon CB&I's research it was apparent from TRC's website that TRC does not have a company address located in Jacksonville. Additionally, CB&I's performed its own recalculation of the Selection Criteria for proximity, and determined that CB&I should receive maximum points for proximity, and therefore, should be the number one ranked proposer.

Section 1.2.6.4 of the Solicitation reads as follows:

"Project Manager Proximity to JEA

Maximum score for this criterion is: 5 POINTS

Provide the address of Proposer's office that the proposed Project Manager normally works from and its distance from JEA Headquarters located at 21 West Church St. JEA will use Google Maps to verify distance.

In order to receive points for this criterion, Proposer's office must be occupied and staffed with at least three (3) employees for a duration of six (6) months prior to the Proposal Due Date stated in this RFP. Additionally, the office shall not be used as a residential premises. If

necessary, JEA will use zoning records and tax rolls to validate this criteria.”

- 4) On July 20, 2017, an Informal Chief Procurement Officer (“CPO”) meeting was held and CB&I, Burns and McDonald, Amec Foster Wheeler, and Black & Veatch were in attendance and provided an opportunity to discuss the issues.

Reasons for upholding and agreeing with CB&I’s protest:

Upon receipt of CB&I’s protest letter, JEA performed its own due diligence in researching the proximity information presented in TRC’s proposal. JEA agrees with CB&I that TRC does not have a Jacksonville office, and has rescored the proximity Selection Criteria, and CB&I is now the highest ranked proposer. Attached hereto as Exhibit A is JEA’s revised scoring matrix.

Additionally at the July 20, 2017, informal protest meeting, JEA questioned CB&I as to whether it met the proximity requirements stated in the Solicitation, specifically whether CB&I’s Project Manager, Eugene Scott, normally works out of its Jacksonville office. CB&I stated that Mr. Scott was assigned to CB&I’s Jacksonville office in January 2017, and that if CB&I was awarded the Contract, Mr. Scott would be locally based in Jacksonville for the duration of the Contract. Attached hereto as Exhibit B is CB&I’s written confirmation that Mr. Scott will work out of CB&I’s Jacksonville office.

Please be advised that you or other affected parties have the right to appeal this decision pursuant to Section 5 of JEA’s Procurement Code, which can be found online at jea.com. I appreciate your cooperation in this process as well as your interest in doing work for JEA.

If you have any further questions related to this matter, please feel free to contact me at mccaip@jea.com or at (904) 665-5544.

Sincerely,



John McCarthy

Director, Supply Chain Management/Chief Procurement Officer

cc: Heather Beard, JEA, Manager, Procurement Contracts Administration

Larry Bradly, SJRPP, Plant Engineer Consultant

Jody Brooks, JEA, Chief Legal Counsel

Larry Pinkstaff, Director, Joint Owned Electric Assets

Rodney Lovgren, JEA, Purchasing Agent Senior

File

**JEA SJRPP RFP 109-17
Decommissioning Management
APTIM Rates**

Job Function	Rate
Accounting Specialist	\$ 82
Asbestos Supervisor	\$ 92
CADD/GIS	\$ 95
Construction Manager	\$ 155
Engineer	\$ 160
Environmental Scientist	\$ 75
Estimator	\$ 133
Field Engineer	\$ 85
Lead Environmental Specialist	\$ 130
Lead Senior Engineer	\$ 175
Project Manager	\$ 193
Safety Manager	\$ 177
Safety Specialist	\$ 102
Scheduler	\$ 151
Site Engineer	\$ 140
Technical Editor	\$ 55
Subcontractors	Cost + 15%
ODCs	Cost + 10%
Aerosol Dust Monitor	\$ 25
Air Sampling Pump	\$ 15
Air Sampling Pump, Calibrator	\$ 5
Conductivity Meter	\$ 11
Dissolved Oxygen Meter	\$ 33
Explosimeter	\$ 40
Flame Ionization Detector (OVA)	\$ 75
4-Gas Meter	\$ 60
GPS Unit (Handheld)	\$ 33
Hand Auger (Stainless Steel)	\$ 13
Oil/Water Interface Probe	\$ 21
Peristaltic Sampling Pump	\$ 43
pH Meter	\$ 11
Photoionization Detector	\$ 65
Pick-up Truck	\$ 55
Thermometer	\$ 3
Turbidity Meter	\$ 39
Water Level Indicator	\$ 11
YSI Sample Unit	\$ 50

**CBI P+A1:H24roposal
CBI Proposal
Engineer/Consultant Cost**

Position	Rate - \$/Hr	Hours	Cost	Location	Cash flow		
					2 months	12 months	12 months
					FY17	FY18	FY19
Project Manager	\$193.00	5,040	\$972,720	Office and Field	\$74,824.62	\$448,947.69	\$448,947.69
Project Accountant	\$82.00	4,000	\$328,000	Office and Field	\$25,230.77	\$151,384.62	\$151,384.62
Lead Environmental	\$130.00	2,160	\$280,800	Office and Field	\$21,600.00	\$129,600.00	\$129,600.00
Lead Senior Engineer	\$175.00	3,790	\$663,250	Office and Field	\$51,019.23	\$306,115.38	\$306,115.38
Technical Advisor*	\$200.00	1,741	\$348,200	Office and Field	\$26,784.62	\$160,707.69	\$160,707.69
Safety Specialist	\$102.00	4,030	\$411,060	Field	\$0	\$205,530	\$205,530
Security Specialist*	\$100.00	3,200	\$320,000	Field	\$0	\$160,000	\$160,000
Permitting	\$130.00	1,656	\$215,280	Office and Field	\$16,560.00	\$99,360.00	\$99,360.00
Geotechnical*	\$150.00	2,090	\$313,500	Field	\$0	\$156,750	\$156,750
On-Site Engineering	\$140.00	3,531	\$494,340	Field	\$0	\$247,170	\$247,170
Contract Manager	\$155.00	3,200	\$496,000	Field	\$0	\$248,000	\$248,000
Contract Manager	\$155.00	3,200	\$496,000	Field	\$0	\$248,000	\$248,000
Contract Manager	\$155.00	2,400	\$372,000	Field	\$0	\$186,000	\$186,000
Site Operator*	\$100.00	960	\$96,000	Field	\$0	\$48,000	\$48,000
Surveyor*	\$150.00	414	\$62,100	Field	\$0	\$31,050	\$31,050
Equipment Charges			\$213,408		\$0	\$0	\$213,408
TOTALS		41,412	6,082,658		\$216,019	\$2,826,615	\$3,040,023

* - indicates that the rate was not given on the CBI's rate chart and has been estimated

Profession	109-17	Worley Parsons off General Engineer Contract	Golder KGS monitoring enviro	Black and Veatch Engineering Services
Accounting Specialist	\$ 82.00			\$ 81.74
Asbestos Supervisor	\$ 92.00			
CADD/GIS	\$ 95.00		\$ 98.00	
Construction Manager	\$ 155.00			
Engineer	\$ 160.00	\$ 166.05	\$ 171.00	\$ 172.00
Environmental Scientist	\$ 75.00			
Estimator	\$ 133.00			
Field Engineer	\$ 85.00	\$ 92.14	\$ 91.00	\$ 98.51
Lead Environmental Specialist	\$ 130.00			
Lead Senior Engineer	\$ 175.00	\$ 148.25	\$ 143.00	
Project Manager	\$ 193.00	\$ 132.37	\$ 122.00	\$ 185.72
Safety Manager	\$ 177.00			
Safety Specialist	\$ 102.00			
Scheduler	\$ 151.00			
Site Engineer	\$ 140.00			
Technical Editor	\$ 55.00			
Subcontractors	Cost + 15%			
ODCs	Cost + 10%			
Aerosol Dust Monitor	\$ 25.00			
Air Sampling Pump	\$ 15.00			
Air Sampling Pump, Calibrator	\$ 5.00			
Conductivity Meter	\$ 11.00			
Dissolved Oxygen Meter	\$ 33.00			
Explosimeter	\$ 40.00			
Flame Ionization Detector (OVA)	\$ 75.00			
4-Gas Meter	\$ 60.00			
GPS Unit (Handheld)	\$ 33.00			
Hand Auger (Stainless Steel)	\$ 13.00			
Oil/Water Interface Probe	\$ 21.00			
Peristaltic Sampling Pump	\$ 43.00			
pH Meter	\$ 11.00			
Photoionization Detector	\$ 65.00			
Pick-up Truck	\$ 55.00			
Thermometer	\$ 3.00			
Turbidity Meter	\$ 39.00			
Water Level Indicator	\$ 11.00			
YSI Sample Unit	\$ 50.00			



Formal Bid and Award System

5.10.18 2

CPA 167305

Award #2 May 10, 2018

Type of Award Request: CHANGE ORDER
Request #: 6235
Requestor Name: Larry Pinkstaff
Requestor Phone: (904) 665-4566
Project Title: SJRPP Decommissioning Services
Project Number: 8004361
Project Location: JEA
Funds: Capital
Award Estimate: N/A

Scope of Work:

JEA is seeking the services of experienced consulting engineering firms that possess technical expertise in the decommissioning of power plants. The particular areas of interest are permitting requirements in the state of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration. Expertise will also be required in construction specification preparation and project management. Work will be issued to the successful firm via a purchase order prior to the prosecution of work. The Consultant/Engineer shall be compensated for actual work performed based on the fixed rates submitted with this proposal package.

JEA IFB/RFP/ITN#: 109-17
Purchasing Agent: Lovgren, Rodney D.
Is this a Ratification?: YES

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
APTIM ENVIRONMENTAL & INFRASTRUCTURE, INC.	Francis M Noonan	1228 Winter Garden Vineland Rd Winter Garden FL 34787	(904) 636-9360	\$5,926,123.00

Amount of Original Award: \$6,082,658.00
Date of Original Award: 08/03/2017
Change Order Amount: \$5,926,123.00
New Not-To-Exceed Amount: \$12,008,781.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 08/11/2017
End Date (mm/dd/yyyy): Project Completion (Estimated September 2019)
JSEB Requirement: Ten Percent (10%) Goal

Comments on JSEB Requirements:

Original award: Twenty Percent (20%) Proposed – JEA and APTIM will continue to monitor JSEB in accordance with the goals set in the original award.

Background/Recommendations:

Originally solicited and approved by the Awards Committee on 08/03/2017 to CB&I Environmental & Infrastructure, Inc., for \$6,082,658.00. A copy of the original award is attached as back-up. During contract execution, CB&I provided documentation regarding their environmental and infrastructure services business unit sale and reincorporation as APTIM Environmental & Infrastructure, owned by Veritas. JEA executed the contract with APTIM.

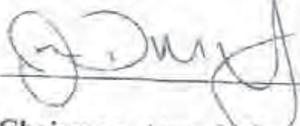
The professional services proposal was evaluated as the most qualified and the rates were negotiated. The initial services selected were for writing the demolition & remediation specifications and performing contract management. The hours for the selected services were estimated by JEA and the contract value was established at \$6,082,658.00.

The original professional services specification provided add-in options that would allow JEA to leverage APTIM's current work. This proposed increase in contract value corresponds to decommissioning shutdown and cleaning, wastewater, landfill maintenance and landfill closure. This proposed change order is further outlined in the attached backup. The award request is for the full change order amount, with 20% to be reimbursed by Florida Power & Light.

Request approval to award a change order to APTIM Environmental & Infrastructure for professional services in the decommissioning of the SJRPP in the amount of \$5,926,123.00, for a new not-to-exceed amount of \$12,008,781.00, subject to the availability of lawfully appropriated funds.

Director: Pinkstaff, Larry G. - Director, Joint Owned Electric Assets
VP: Brost, Mike J. - VP/GM Electric Systems

APPROVALS:



Chairman, Awards Committee

5-10-18

Date

Manager, Capital Budget Planning

Date

Award #2

CPA 167305

Approved by the JEA Awards Committee
Date 8/3/17 Item # 5



Formal Bid and Award System

Award #5 August 3, 2017

Type of Award Request: PROPOSAL (RFP)
 Request #: 3941
 Requestor Name: Bradley, Larry F.
 Requestor Phone: (904) 665-8728
 Project Title: SJRPP Decommissioning Services
 Project Number: 000467
 Project Location: SJRPP
 Funds: Capital and O&M
 Award Estimate: \$6,721,000.00

Scope of Work:

JEA is seeking the services of experienced consulting engineering firms that possess technical expertise in the decommissioning of power plants. The particular areas of interest are permitting requirements in the state of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration. Expertise will also be required in construction specification preparation and project management. Work will be issued to the successful firm via a purchase order prior to the prosecution of work. The Consultant/Engineer shall be compensated for actual work performed based on the fixed rates submitted with this proposal package.

JEA IFB/RFP/State/City/GSA#: 109-17
 Purchasing Agent: Lovgren, Rodney Dennis
 Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	Kenneth Beard	9143 Phillips Highway, Suite 400 Jacksonville, FL 32256	(720) 554-8117	\$6,082,658.00

Amount for entire term of Contract/PO: \$6,082,658.00
 Award Amount for remainder of this FY: \$200,000.00
 Length of Contract/PO Term: Project Completion
 Begin Date (mm/dd/yyyy): 08/11/2017
 End Date (mm/dd/yyyy): Project Completion
 JSEB Requirement: Ten percent (10%) Goal, 20% Proposed

Comments on JSEB Requirements:

Environmental Resource Solutions -4%; I-Tech Resources -10%; Meskel & Associates -5%; R E Holland & Assoc. -1%

BIDDERS:

Name	Amount	Rank	SCORES
CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	\$6,082,658.00	1	73.0
BURNS & MCDONNELL		2	70.1
BLACK AND VEATCH		3	66.1
AMEC FOSTER WHEELER		4	67.0
ERM - SOUTHEAST		5	57.4
TRC ENGINEERS INC.		5	57.6

Background/Recommendations:

Advertised 06/05/2017. Fourteen (14) companies attended the pre-response meeting on 06/16/2017. At Proposal opening on 06/27/2017, JEA received six (6) Proposals. The public evaluation meeting was held on 07/13/17, and JEA deemed Burns and MacDonald the most qualified to perform the work.

On 07/14/2017, CB&I Environmental & Infrastructure, Inc. submitted a protest letter regarding JEA's final evaluation rankings regarding the scoring of Project Manager Proximity for TRC, stating they did not have a local office. On 07/20/2017 an informal Chief Procurement Officer (CPO) protest meeting was held. JEA determined the project manager proximity ranking for TRC was for the Lead Environmental Engineer, not the Project Manager, which required rescoring of the proximity points. The rescoring deemed CB&I the most qualified to perform the work. The CPO decision letter, evaluation summary matrix and negotiated fees is attached as back-up.

This contract is to engage an engineering firm, familiar with power plant decommissioning, to provide specifications for bidding a demolition and a remediation contract. The firm shall also provide resources for managing the field work associated with the entire decommissioning process.

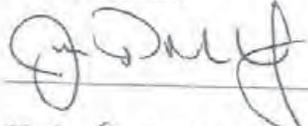
When comparing rates for this project to other types of professional services (general engineering and environmental services), rates are in line with other contracts for comparable types of positions (field engineers, engineers cad technicians). When comparing the higher level positions (Lead Senior Engineer and Project Manager) the type of project work for this contract appears to command a higher rate for specialized service and is deemed reasonable. A spreadsheet with comparable rates is attached as back-up.

109-17 – Request approval to award a contract to CB&I Environmental & Infrastructure, Inc. for the decommissioning of the SJRPP in the amount of \$6,082,658.00, subject to the availability of lawfully appropriated funds.

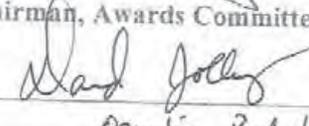
Award #2

Manager: Conner, Sean M. - Sr. Manager - Eng, Inv, PdM
Director: Pinkstaff, Larry G. - Director, Joint Owned Electric Assets
VP: Brost, Mike J. - VP/GM Electric Systems

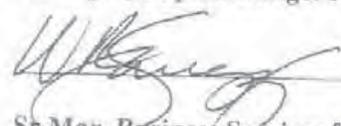
APPROVALS:

 8-3-17

Chairman, Awards Committee Date

 3 Aug 2017

Operating Budgets
Manager, Capital Budget Planning Date

 8/2/17

Sr-Mgr, Business Services for SJRPP Date

109-17 Professional Services for Decommissioning Management for SIRPP - Post CPO Protest Hearing

Vendor	PM	Office	PM Address	Miles	Cost	Points Awarded
Insoeca Vanderberck Greco Energy Via Ramoths Greco Scott Blaine Sperdian Laura Miranda	Asst. Office Asst. Office Asst. Office Asst. Office Asst. Office Asst. Office	Propositor Form & PM address: 6256 Oceanland Blvd, Jacksonville, FL 32256 (18 miles) Propositor Form & PM address: 12740 Green Bay Parkway West, Suite 2742, Jacksonville, FL 32226 PM address: 1511 Capital Center Drive, Raleigh, NC 27606 (150 miles) PM address: 1343 Penitas Highway, Suite 402, Jacksonville, FL 32256 (12.5 miles) PM address: 6745 Woodfield Crossing Blvd, Suite 50296, Jacksonville, Florida 32243 Combid PM to NY 31 West 34th Street Suite 2100, New York, NY 10001 (93.3 miles)	3.1 16.7 159 12.5 91.1 93.1	3.5 3.7 0 5.0 0.1 0.1	4 4 0 5 0 0	

Calculation for Proximity

Closest Proximity receives 5 points
 Next Closest = 5 pts X (closest / next closest)
 Example, Bidder 1 PM - 50 miles, bidder 2 PM - 100 miles
 Bidder 1 PM = 5 points
 Bidder 2 = (50 / 100) X 5 = 2.5 pts (Round to 3)

Vendor	Bradley	Matthew	Polkstaff	Frank	Rank
AMEC FOSTER WHEELER	4	9	0	21	4
BLACK AND VEATCH	3	1	3	9	3
BURN & MCDONALD	3	2	1	8	7
CB&I	1	3	3	7	1
ENR - SOUTHEAST	2	5	5	14	5
TRC ENGINEERS INC	4	5	6	14	5

Bradley	Professional Staff Exp (1000 hrs Points)	Design Approach and Work Plan (100 Points)	Company Experience (20 Points)	Proximity to JEA (5 Points)	REOPS Points	Total	Rank
AMEC FOSTER WHEELER	21.67	25	10	4	4	67.67	3
BLACK AND VEATCH	18.33	24	7	4	1	54.33	6
BURN & MCDONALD	22.67	24	15	0	1	54.67	5
CB&I	21.67	14	16	3	4	60.67	2
ENR - SOUTHEAST	25.33	13	15	0	4	74.33	2
TRC ENGINEERS INC	19.33	13	15	0	4	60.33	4

Matthew	Professional Staff Experience (20 Points)	Design Approach and Work Plan (100 Points)	Company Experience (20 Points)	Proximity to JEA (5 Points)	REOPS Points	Total	Rank
AMEC FOSTER WHEELER	21.00	24	11	4	4	66.00	4
BLACK AND VEATCH	24.33	24	12	4	1	72.33	1
BURN & MCDONALD	26.00	50	14	0	1	71.00	2
CB&I	22.77	22	16	5	4	68.27	3
ENR - SOUTHEAST	21.87	7	4	0	4	36.27	6
TRC ENGINEERS INC	19.53	12	4	0	4	39.53	5

Frank	Professional Staff Experience (20 Points)	Design Approach and Work Plan (100 Points)	Company Experience (20 Points)	Proximity to JEA (5 Points)	REOPS Points	Total	Rank
AMEC FOSTER WHEELER	21.33	24	14	4	4	67.33	4
BLACK AND VEATCH	20.67	40	16	4	1	71.67	2
BURN & MCDONALD	22.67	37	10	0	1	60.67	1
CB&I	21.67	22	16	5	4	68.67	3
ENR - SOUTHEAST	21.33	27	10	0	4	62.33	5
TRC ENGINEERS INC	20.00	26	18	0	4	68.00	5

**JEA SJRPP RFP 109-17
Decommissioning Management
APTIM Rates**

Job Function	Rate
Accounting Specialist	\$ 82
Asbestos Supervisor	\$ 92
CADD/GIS	\$ 95
Construction Manager	\$ 155
Engineer	\$ 160
Environmental Scientist	\$ 75
Estimator	\$ 133
Field Engineer	\$ 85
Lead Environmental Specialist	\$ 130
Lead Senior Engineer	\$ 175
Project Manager	\$ 193
Safety Manager	\$ 177
Safety Specialist	\$ 102
Scheduler	\$ 151
Site Engineer	\$ 140
Technical Editor	\$ 55
Subcontractors	Cost + 15%
ODCs	Cost + 10%
Aerosol Dust Monitor	\$ 25
Air Sampling Pump	\$ 15
Air Sampling Pump, Calibrator	\$ 5
Conductivity Meter	\$ 11
Dissolved Oxygen Meter	\$ 33
Explosimeter	\$ 40
Flame Ionization Detector (OVA)	\$ 75
4-Gas Meter	\$ 60
GPS Unit (Handheld)	\$ 33
Hand Auger (Stainless Steel)	\$ 13
Oil/Water Interface Probe	\$ 21
Peristaltic Sampling Pump	\$ 43
pH Meter	\$ 11
Photoionization Detector	\$ 65
Pick-up Truck	\$ 55
Thermometer	\$ 3
Turbidity Meter	\$ 39
Water Level Indicator	\$ 11
YSI Sample Unit	\$ 50

**CBI P+A1:H24roposal
CBI Proposal
Engineer/Consultant Cost**

Position	Rate - \$/Hr	Hours	Cost	Location	Cash flow		
					2 months FY17	12 months FY18	12 months FY19
Project Manager	\$193.00	5,040	\$972,720	Office and Field	\$74,824.62	\$448,947.69	\$448,947.69
Project Accountant	\$82.00	4,000	\$328,000	Office and Field	\$25,230.77	\$151,384.62	\$151,384.62
Lead Environmental	\$130.00	2,160	\$280,800	Office and Field	\$21,600.00	\$129,600.00	\$129,600.00
Lead Senior Engineer	\$175.00	3,790	\$663,250	Office and Field	\$51,019.23	\$306,115.38	\$306,115.38
Technical Advisor*	\$200.00	1,741	\$348,200	Office and Field	\$26,784.62	\$160,707.69	\$160,707.69
Safety Specialist	\$102.00	4,030	\$411,060	Field	\$0	\$205,530	\$205,530
Security Specialist*	\$100.00	3,200	\$320,000	Field	\$0	\$160,000	\$160,000
Permitting	\$130.00	1,656	\$215,280	Office and Field	\$16,560.00	\$99,360.00	\$99,360.00
Geotechnical*	\$150.00	2,090	\$313,500	Field	\$0	\$156,750	\$156,750
On-Site Engineering	\$140.00	3,531	\$494,340	Field	\$0	\$247,170	\$247,170
Contract Manager	\$155.00	3,200	\$496,000	Field	\$0	\$248,000	\$248,000
Contract Manager	\$155.00	3,200	\$496,000	Field	\$0	\$248,000	\$248,000
Contract Manager	\$155.00	2,400	\$372,000	Field	\$0	\$186,000	\$186,000
Site Operator*	\$100.00	960	\$96,000	Field	\$0	\$48,000	\$48,000
Surveyor*	\$150.00	414	\$62,100	Field	\$0	\$31,050	\$31,050
Equipment Charges			\$213,408		\$0	\$0	\$213,408
TOTALS		41,412	6,082,658		\$216,019	\$2,826,615	\$3,040,023

* - Indicates that the rate was not given on the CBI's rate chart and has been estimated

Award #2

Profession	109-17	Worley Parsons off General Engineer Contract	Golder KGS monitoring enviro	Black and Veatch Engineering Services
Accounting Specialist	\$ 82.00			\$ 81.74
Asbestos Supervisor	\$ 92.00			
CADD/GIS	\$ 95.00		\$ 98.00	
Construction Manager	\$ 155.00			
Engineer	\$ 160.00	\$ 166.05	\$ 171.00	\$ 172.00
Environmental Scientist	\$ 75.00			
Estimator	\$ 133.00			
Field Engineer	\$ 85.00	\$ 92.14	\$ 91.00	\$ 98.51
Lead Environmental Specialist	\$ 130.00			
Lead Senior Engineer	\$ 175.00	\$ 148.25	\$ 143.00	
Project Manager	\$ 193.00	\$ 132.37	\$ 122.00	\$ 185.72
Safety Manager	\$ 177.00			
Safety Specialist	\$ 102.00			
Scheduler	\$ 151.00			
Site Engineer	\$ 140.00			
Technical Editor	\$ 55.00			
Subcontractors	Cost + 15%			
ODCs	Cost + 10%			
Aerosol Dust Monitor	\$ 25.00			
Air Sampling Pump	\$ 15.00			
Air Sampling Pump, Calibrator	\$ 5.00			
Conductivity Meter	\$ 11.00			
Dissolved Oxygen Meter	\$ 33.00			
Explosimeter	\$ 40.00			
Flame Ionization Detector (OVA)	\$ 75.00			
4-Gas Meter	\$ 60.00			
GPS Unit (Handheld)	\$ 33.00			
Hand Auger (Stainless Steel)	\$ 13.00			
Oil/Water Interface Probe	\$ 21.00			
Peristaltic Sampling Pump	\$ 43.00			
pH Meter	\$ 11.00			
Photoionization Detector	\$ 65.00			
Pick-up Truck	\$ 55.00			
Thermometer	\$ 3.00			
Turbidity Meter	\$ 39.00			
Water Level Indicator	\$ 11.00			
YSI Sample Unit	\$ 50.00			

APTIM CONTRACT VALUE INCREASE

Background

In July, 2017 APTIM was awarded the contract for "Professional Services for the Decommissioning Management for the SJRPP Facility" (contract #14883418, CPA #167305). The APTIM professional services proposal was evaluated as the most qualified and the rates were negotiated. The initial services selected were for writing the demolition & remediation specifications and performing contract management. The hours for the selected services were estimated by JEA and the contract value (CPA) was established at \$6,082,658.00.

The Professional Services specification allowed for other services if selected. This proposed increase in contract value corresponds to additional services that have been selected for the project.

Change #1

Decommissioning Shutdown and Decommission Cleaning

The demolition specification required the demolition contractor to remove all the ash, coal, fuel and chemicals. The SJRPP units were in operation during the bidding contractors' walk through therefore it was not possible to assess the volumes of hoppers, tanks and boilers. Another issue that arose was the definition of "clean" from an environmental standpoint and how to determine when equipment was sufficiently clean to start demolition. It became obvious that the bidders intended to add significant contingencies in their bids to protect themselves regarding this issue. The decision was made to remove this work from the scope of the demolition contractor and have the cleaning performed by APTIM personnel and JEA contractors to eliminate the uncertainty for the contractors. The wisdom of this approach was validated when the demolition bids came in much lower than the Engineer's estimate. This approach also insured that the SJRPP plant was rendered environmentally safe for demolition. The budget sent to the owners on 11/17/2017 reflected the savings and change in scope. During the time period after 01/05/2018, JEA had APTIM hire qualified personnel to operate existing equipment and assist in the decommissioning of equipment. The cost for this work is estimated at \$2,700,400.00 in billed and future hours. Since this cost is now being billed to the APTIM contract instead of the demolition contract, the value above needs to be added to the APTIM contract.

Change #2

Wastewater Operation

The personnel for operation of the wastewater treatment plant moving forward until closure is now being provided by APTIM instead of an independent contractor. This integrated all personnel under one (1) plan for consistency. The estimated labor cost for operation of the wastewater facility is \$1,500,000.00. This is reflected in the 11/17/2017 budget and needs to be added to the APTIM contract value.

Change #3

Landfill Maintenance

The maintenance of the open landfill was kept in JEA's scope instead of a third party contractor to ensure environmental compliance. The use of this landfill is still in operation during the demolition/remediation time frame. The personnel for operation of the landfill moving forward until closure is now being provided by APTIM with oversight by JEA's Environmental group. This has integrated all personnel under one plan for consistency. The estimated labor cost for operation of the ash landfill is \$1,500,000.00. This is reflected in the 11/17/2017 budget and also needs to be added to the APTIM CPA.

Award #2

Change # 4

Landfill Closure

The overall design and project management for closing the active landfill at the end of the remediation process is now being provided by APTIM. For consistency with prior landfill construction, Golder & Associates will provide the permit engineering and submittal as a subcontractor to APTIM. Since this is an increase in scope for APTIM, the estimated cost of \$225,723.00 will need to be added to the APTIM contract value.

Summary

The total increase to the APTIM contract being proposed is \$5,926,123. The total CPA value would increase to \$12,008,781.

CBI Proposal Engineer/Consultant Cost

Position	Rate - \$/Hr	Hours	Cost
Project Manager	\$225.00	5,040	\$1,134,000
Project Accountant	\$82.00	3,900	\$319,800
Lead Environmental	\$130.00	2,160	\$280,800
Lead Senior Engineer	\$175.00	4,100	\$717,500
Technical Advisor	\$200.00	1,700	\$340,000
Safety Site Manager	\$155.00	4,080	\$632,400
Security Specialist	\$100.00	0	\$0
Permitting	\$130.00	1,656	\$215,280
Geotechnical	\$150.00	1,900	\$285,000
On-Site Engineering	\$140.00	3,531	\$494,340
Contract Manager	\$155.00	3,200	\$496,000
Contract Manager	\$155.00	3,200	\$496,000
Contract Manager	\$155.00	2,000	\$310,000
Site Operator	\$100.00	960	\$96,000
Surveyor	\$150.00	414	\$62,100
Equipment Charges			\$213,408
Change #1 Senior Engineer ¹	\$175.00	3,840	\$672,000
Change #1 Engineer ²	\$140.00	3,840	\$537,600
Change #1 Site Operator ³	\$100.00	14,908	\$1,490,800
Change #2 Site Operator ⁴	\$100.00	15,000	\$1,500,000
Change #3 Site Operator ⁵	\$100.00	15,000	\$1,500,000
Change #4 (See attached quote)			\$225,723
¹ 6 months x 4 engineers			
² 6 months x 4 engineers			
³ 6 months x 15 operators			
^{4,5} 24 months x 3 operators + 1 part-time as required			
Change Order Total			\$5,926,123
Original Award			\$6,082,658
Total New Award			\$12,008,781



Formal Bid and Award System

CPA 167305

Award #2 May 10, 2018

Type of Award Request: CHANGE ORDER
Request #: 6235
Requestor Name: Larry Pinkstaff
Requestor Phone: (904) 665-4566
Project Title: SJRPP Decommissioning Services
Project Number: 8004361
Project Location: JEA
Funds: Capital
Award Estimate: N/A

Scope of Work:

JEA is seeking the services of experienced consulting engineering firms that possess technical expertise in the decommissioning of power plants. The particular areas of interest are permitting requirements in the state of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration. Expertise will also be required in construction specification preparation and project management. Work will be issued to the successful firm via a purchase order prior to the prosecution of work. The Consultant/Engineer shall be compensated for actual work performed based on the fixed rates submitted with this proposal package.

JEA IFB/RFP/ITN#: 109-17
Purchasing Agent: Lovgren, Rodney D.
Is this a Ratification?: YES

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
APTIM ENVIRONMENTAL & INFRASTRUCTURE, INC.	Francis M Noonan	1228 Winter Garden Vineland Rd Winter Garden FL 34787	(904) 636-9360	\$5,926,123.00

Amount of Original Award: \$6,082,658.00
Date of Original Award: 08/03/2017
Change Order Amount: \$5,926,123.00
New Not-To-Exceed Amount: \$12,008,781.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 08/11/2017
End Date (mm/dd/yyyy): Project Completion (Estimated September 2019)
JSEB Requirement: Ten Percent (10%) Goal

Comments on JSEB Requirements:

Original award: Twenty Percent (20%) Proposed – JEA and APTIM will continue to monitor JSEB in accordance with the goals set in the original award.

Background/Recommendations:

Originally solicited and approved by the Awards Committee on 08/03/2017 to CB&I Environmental & Infrastructure, Inc., for \$6,082,658.00. A copy of the original award is attached as back-up. During contract execution, CB&I provided documentation regarding their environmental and infrastructure services business unit sale and reincorporation as APTIM Environmental & Infrastructure, owned by Veritas. JEA executed the contract with APTIM.

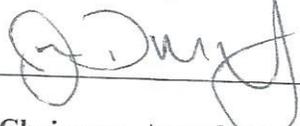
The professional services proposal was evaluated as the most qualified and the rates were negotiated. The initial services selected were for writing the demolition & remediation specifications and performing contract management. The hours for the selected services were estimated by JEA and the contract value was established at \$6,082,658.00.

The original professional services specification provided add-in options that would allow JEA to leverage APTIM's current work. This proposed increase in contract value corresponds to decommissioning shutdown and cleaning, wastewater, landfill maintenance and landfill closure. This proposed change order is further outlined in the attached backup. The award request is for the full change order amount, with 20% to be reimbursed by Florida Power & Light.

Request approval to award a change order to APTIM Environmental & Infrastructure for professional services in the decommissioning of the SJRPP in the amount of \$5,926,123.00, for a new not-to-exceed amount of \$12,008,781.00, subject to the availability of lawfully appropriated funds.

Director: Pinkstaff, Larry G. - Director, Joint Owned Electric Assets
VP: Brost, Mike J. - VP/GM Electric Systems

APPROVALS:



Chairman, Awards Committee 5-10-18
Date

Manager, Capital Budget Planning **Date**

CPA167305

Approved by the JEA Awards Committee
Date 8/3/17 Item # 5

Formal Bid and Award System

Award #5 August 3, 2017

Type of Award Request: PROPOSAL (RFP)
Request #: 3941
Requestor Name: Bradley, Larry F.
Requestor Phone: (904) 665-8728
Project Title: SJRPP Decommissioning Services
Project Number: 000467
Project Location: SJRPP
Funds: Capital and O&M
Award Estimate: \$6,721,000.00

Scope of Work:

JEA is seeking the services of experienced consulting engineering firms that possess technical expertise in the decommissioning of power plants. The particular areas of interest are permitting requirements in the state of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration. Expertise will also be required in construction specification preparation and project management. Work will be issued to the successful firm via a purchase order prior to the prosecution of work. The Consultant/Engineer shall be compensated for actual work performed based on the fixed rates submitted with this proposal package.

JEA IFB/RFP/State/City/GSA#: 109-17
Purchasing Agent: Lovgren, Rodney Dennis
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	Kenneth Beard	9143 Phillips Highway, Suite 400 Jacksonville, FL 32256	(720) 554-8117	\$6,082,658.00

Amount for entire term of Contract/PO: \$6,082,658.00
Award Amount for remainder of this FY: \$200,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 08/11/2017
End Date (mm/dd/yyyy): Project Completion
JSEB Requirement: Ten percent (10%) Goal, 20% Proposed

Comments on JSEB Requirements:

Environmental Resource Solutions -4%; I-Tech Resources -10%; Meskel & Associates -5%; R E Holland & Assoc. -1%

BIDDERS:

Name	Amount	Rank	SCORES
CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	\$6,082,658.00	1	73.0
BURNS & MCDONNELL		2	70.1
BLACK AND VEATCH		3	66.1
AMEC FOSTER WHEELER		4	67.0
ERM - SOUTHEAST		5	57.4
TRC ENGINEERS INC.		5	57.6

Background/Recommendations:

Advertised 06/05/2017. Fourteen (14) companies attended the pre-response meeting on 06/16/2017. At Proposal opening on 06/27/2017, JEA received six (6) Proposals. The public evaluation meeting was held on 07/13/17, and JEA deemed Burns and MacDonald the most qualified to perform the work.

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This contract is to engage an engineering firm, familiar with power plant decommissioning, to provide specifications for bidding a demolition and a remediation contract. The firm shall also provide resources for managing the field work associated with the entire decommissioning process.

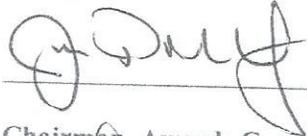
When comparing rates for this project to other types of professional services (general engineering and environmental services), rates are in line with other contracts for comparable types of positions (field engineers, engineers cad technicians). When comparing the higher level positions (Lead Senior Engineer and Project Manager) the type of project work for this contract appears to command a higher rate for specialized service and is deemed reasonable. A spreadsheet with comparable rates is attached as back-up.

109-17 – Request approval to award a contract to CB&I Environmental & Infrastructure, Inc. for the decommissioning of the SJRPP in the amount of \$6,082,658.00, subject to the availability of lawfully appropriated funds.

Award #2

Manager: Conner, Sean M. - Sr. Manager - Eng, Env, PdM
Director: Pinkstaff, Larry G. - Director, Joint Owned Electric Assets
VP: Brost, Mike J. - VP/GM Electric Systems

APPROVALS:


_____ 8-3-17
Chairman, Awards Committee Date


_____ 3 Aug 2017
Operating Budgets
Manager, Capital Budget Planning Date


_____ 8/2/17
Sr Mgr, Business Services for SJRPP Date

109-17 Professional Services for Decommissioning Management for SIRPP - Post CPO Protest Hearing

Vendor Rankings	Bradley	Mathews	Pinkstaff	F Rank	Rank	Points Awarded
AMEC FOSTER WHEELER	3	4	4	11	4	3.5
BLACK AND VEATCH	6	1	2	9	3	3.7
BURN & MCDONALD	5	2	3	8	2	0.1
CB & I	1	3	3	7	1	5.0
ERM - SOUTHEAST	2	6	6	14	5	0.1
TRC ENGINEERS INC	4	5	5	14	5	0.1

PM	Office	PM Address	Miles	Calc.	Points Awarded
Rebecca Vanderbeck	Jax. Office	Proposal form & PM address: 6256 Greenleaf Road, Jacksonville, FL 32258 (18 miles)	18	3.5	4
Gene Bergt	Jax. Office	Proposal form & PM address address: 12740 Green Bay Parkway West, Suite 2140, Jacksonville, FL 32210 (16.7 miles)	16.7	3.7	4
Vic Ranaletta	NC	PM address: 5511 Capital Center Drive, Raleigh, NC 27605 (458 miles)	459	0.1	0
Gene Scott	Jax. Office	PM address: 9143 Phillips Highway, Suite 400, Jacksonville, FL 32256 (12.5 miles)	12.5	5.0	5
Blake Svendsen	Indiana	PM address: 8425 Woodfield Crossing Blvd, Suite 500W, Indianapolis, Indiana 46240	913	0.1	0
Laura Miranda	NY	Clarified PM to NY 31 West Street Suite 7100, New York, NY 10001 (933 miles)	933	0.1	0

Calculation for Proximity

Closest Proximity receives 5 points
 Next Closest = 5 pts X (closest / next closest)
 Example, Bidder 1 PM - 50 miles, bidder 2 PM - 100 miles
 Bidder 1 PM = 5 points
 Bidder 2 = (50 / 100) X 5 = 2.5 pts (Round to 3)

Bradley	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (20 Points)	Proximity to JEA (5 Points)	JEB (5 Points)	Total	Rank
AMEC FOSTER WHEELER	21.67	28	10	4	4	67.67	3
BLACK AND VEATCH	18.33	24	7	4	1	54.33	6
BURN & MCDONALD	22.67	24	11	0	1	58.67	5
CB & I	21.67	34	16	5	4	80.67	1
ERM - SOUTHEAST	23.33	31	15	0	4	73.33	2
TRC ENGINEERS INC	19.33	31	13	0	4	67.33	4

Mathews	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (20 Points)	Proximity to JEA (5 Points)	JEB (5 Points)	Total	Rank
AMEC FOSTER WHEELER	23.00	24	11	4	4	66.00	4
BLACK AND VEATCH	24.33	31	12	4	1	72.33	1
BURN & MCDONALD	26.00	30	14	0	1	71.00	2
CB & I	22.67	22	16	5	4	69.67	3
ERM - SOUTHEAST	21.67	7	4	0	4	36.67	7
TRC ENGINEERS INC	19.33	12	4	0	4	39.33	5

Pinkstaff	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (20 Points)	Proximity to JEA (5 Points)	JEB (5 Points)	Total	Rank
AMEC FOSTER WHEELER	21.33	24	14	4	4	67.33	4
BLACK AND VEATCH	20.67	30	16	4	1	71.67	2
BURN & MCDONALD	22.67	37	20	0	1	80.67	1
CB & I	21.67	22	16	5	4	69.67	3
ERM - SOUTHEAST	21.33	17	10	0	4	62.33	6
TRC ENGINEERS INC	20.00	16	16	0	4	66.00	5

JEA SJRPP RFP 109-17
Decommissioning Management
APTIM Rates

Job Function	Rate
Accounting Specialist	\$ 82
Asbestos Supervisor	\$ 92
CADD/GIS	\$ 95
Construction Manager	\$ 155
Engineer	\$ 160
Environmental Scientist	\$ 75
Estimator	\$ 133
Field Engineer	\$ 85
Lead Environmental Specialist	\$ 130
Lead Senior Engineer	\$ 175
Project Manager	\$ 193
Safety Manager	\$ 177
Safety Specialist	\$ 102
Scheduler	\$ 151
Site Engineer	\$ 140
Technical Editor	\$ 55
Subcontractors	Cost + 15%
ODCs	Cost + 10%
Aerosol Dust Monitor	\$ 25
Air Sampling Pump	\$ 15
Air Sampling Pump, Calibrator	\$ 5
Conductivity Meter	\$ 11
Dissolved Oxygen Meter	\$ 33
Explosimeter	\$ 40
Flame Ionization Detector (OVA)	\$ 75
4-Gas Meter	\$ 60
GPS Unit (Handheld)	\$ 33
Hand Auger (Stainless Steel)	\$ 13
Oil/Water Interface Probe	\$ 21
Peristaltic Sampling Pump	\$ 43
pH Meter	\$ 11
Photoionization Detector	\$ 65
Pick-up Truck	\$ 55
Thermometer	\$ 3
Turbidity Meter	\$ 39
Water Level Indicator	\$ 11
YSI Sample Unit	\$ 50

**CBI P+A1:H24roposal
CBI Proposal
Engineer/Consultant Cost**

Position	Rate - \$/Hr	Hours	Cost	Location	Cash flow		
					2 months FY17	12 months FY18	12 months FY19
Project Manager	\$193.00	5,040	\$972,720	Office and Field	\$74,824.62	\$448,947.69	\$448,947.69
Project Accountant	\$82.00	4,000	\$328,000	Office and Field	\$25,230.77	\$151,384.62	\$151,384.62
Lead Environmental	\$130.00	2,160	\$280,800	Office and Field	\$21,600.00	\$129,600.00	\$129,600.00
Lead Senior Engineer	\$175.00	3,790	\$663,250	Office and Field	\$51,019.23	\$306,115.38	\$306,115.38
Technical Advisor*	\$200.00	1,741	\$348,200	Office and Field	\$26,784.62	\$160,707.69	\$160,707.69
Safety Specialist	\$102.00	4,030	\$411,060	Field	\$0	\$205,530	\$205,530
Security Specialist*	\$100.00	3,200	\$320,000	Field	\$0	\$160,000	\$160,000
Permitting	\$130.00	1,656	\$215,280	Office and Field	\$16,560.00	\$99,360.00	\$99,360.00
Geotechnical*	\$150.00	2,090	\$313,500	Field	\$0	\$156,750	\$156,750
On-Site Engineering	\$140.00	3,531	\$494,340	Field	\$0	\$247,170	\$247,170
Contract Manager	\$155.00	3,200	\$496,000	Field	\$0	\$248,000	\$248,000
Contract Manager	\$155.00	3,200	\$496,000	Field	\$0	\$248,000	\$248,000
Contract Manager	\$155.00	2,400	\$372,000	Field	\$0	\$186,000	\$186,000
Site Operator*	\$100.00	960	\$96,000	Field	\$0	\$48,000	\$48,000
Surveyor*	\$150.00	414	\$62,100	Field	\$0	\$31,050	\$31,050
Equipment Charges			\$213,408		\$0	\$0	\$213,408
TOTALS		41,412	6,082,658		\$216,019	\$2,826,615	\$3,040,023

* - indicates that the rate was not given on the CBI's rate chart and has been estimated

Award #2

Profession	109-17	Worley Parsons off General Engineer Contract	Golder KGS monitoring enviro	Black and Veatch Engineering Services
Accounting Specialist	\$ 82.00			\$ 81.74
Asbestos Supervisor	\$ 92.00			
CADD/GIS	\$ 95.00		\$ 98.00	
Construction Manager	\$ 155.00			
Engineer	\$ 160.00	\$ 166.05	\$ 171.00	\$ 172.00
Environmental Scientist	\$ 75.00			
Estimator	\$ 133.00			
Field Engineer	\$ 85.00	\$ 92.14	\$ 91.00	\$ 98.51
Lead Environmental Specialist	\$ 130.00			
Lead Senior Engineer	\$ 175.00	\$ 148.25	\$ 143.00	
Project Manager	\$ 193.00	\$ 132.37	\$ 122.00	\$ 185.72
Safety Manager	\$ 177.00			
Safety Specialist	\$ 102.00			
Scheduler	\$ 151.00			
Site Engineer	\$ 140.00			
Technical Editor	\$ 55.00			
Subcontractors	Cost + 15%			
ODCs	Cost + 10%			
Aerosol Dust Monitor	\$ 25.00			
Air Sampling Pump	\$ 15.00			
Air Sampling Pump, Calibrator	\$ 5.00			
Conductivity Meter	\$ 11.00			
Dissolved Oxygen Meter	\$ 33.00			
Explosimeter	\$ 40.00			
Flame Ionization Detector (OVA)	\$ 75.00			
4-Gas Meter	\$ 60.00			
GPS Unit (Handheld)	\$ 33.00			
Hand Auger (Stainless Steel)	\$ 13.00			
Oil/Water Interface Probe	\$ 21.00			
Peristaltic Sampling Pump	\$ 43.00			
pH Meter	\$ 11.00			
Photoionization Detector	\$ 65.00			
Pick-up Truck	\$ 55.00			
Thermometer	\$ 3.00			
Turbidity Meter	\$ 39.00			
Water Level Indicator	\$ 11.00			
YSI Sample Unit	\$ 50.00			

APTIM CONTRACT VALUE INCREASE

Background

In July, 2017 APTIM was awarded the contract for "Professional Services for the Decommissioning Management for the SJRPP Facility" (contract #14883418, CPA #167305). The APTIM professional services proposal was evaluated as the most qualified and the rates were negotiated. The initial services selected were for writing the demolition & remediation specifications and performing contract management. The hours for the selected services were estimated by JEA and the contract value (CPA) was established at \$6,082,658.00.

The Professional Services specification allowed for other services if selected. This proposed increase in contract value corresponds to additional services that have been selected for the project.

Change #1

Decommissioning Shutdown and Decommission Cleaning

The demolition specification required the demolition contractor to remove all the ash, coal, fuel and chemicals. The SJRPP units were in operation during the bidding contractors' walk through therefore it was not possible to assess the volumes of hoppers, tanks and boilers. Another issue that arose was the definition of "clean" from an environmental standpoint and how to determine when equipment was sufficiently clean to start demolition. It became obvious that the bidders intended to add significant contingencies in their bids to protect themselves regarding this issue. The decision was made to remove this work from the scope of the demolition contractor and have the cleaning performed by APTIM personnel and JEA contractors to eliminate the uncertainty for the contractors. The wisdom of this approach was validated when the demolition bids came in much lower than the Engineer's estimate. This approach also insured that the SJRPP plant was rendered environmentally safe for demolition. The budget sent to the owners on 11/17/2017 reflected the savings and change in scope. During the time period after 01/05/2018, JEA had APTIM hire qualified personnel to operate existing equipment and assist in the decommissioning of equipment. The cost for this work is estimated at \$2,700,400.00 in billed and future hours. Since this cost is now being billed to the APTIM contract instead of the demolition contract, the value above needs to be added to the APTIM contract.

Change #2

Wastewater Operation

The personnel for operation of the wastewater treatment plant moving forward until closure is now being provided by APTIM instead of an independent contractor. This integrated all personnel under one (1) plan for consistency. The estimated labor cost for operation of the wastewater facility is \$1,500,000.00. This is reflected in the 11/17/2017 budget and needs to be added to the APTIM contract value.

Change #3

Landfill Maintenance

The maintenance of the open landfill was kept in JEA's scope instead of a third party contractor to ensure environmental compliance. The use of this landfill is still in operation during the demolition/remediation time frame. The personnel for operation of the landfill moving forward until closure is now being provided by APTIM with oversight by JEA's Environmental group. This has integrated all personnel under one plan for consistency. The estimated labor cost for operation of the ash landfill is \$1,500,000.00. This is reflected in the 11/17/2017 budget and also needs to be added to the APTIM CPA.

Award #2

Change # 4

Landfill Closure

The overall design and project management for closing the active landfill at the end of the remediation process is now being provided by APTIM. For consistency with prior landfill construction, Golder & Associates will provide the permit engineering and submittal as a subcontractor to APTIM. Since this is an increase in scope for APTIM, the estimated cost of \$225,723.00 will need to be added to the APTIM contract value.

Summary

The total increase to the APTIM contract being proposed is \$5,926,123. The total CPA value would increase to \$12,008,781.

CBI Proposal Engineer/Consultant Cost

Position	Rate - \$/Hr	Hours	Cost	
Project Manager	\$225.00	5,040	\$1,134,000	
Project Accountant	\$82.00	3,900	\$319,800	
Lead Environmental	\$130.00	2,160	\$280,800	
Lead Senior Engineer	\$175.00	4,100	\$717,500	
Technical Advisor	\$200.00	1,700	\$340,000	
Safety Site Manager	\$155.00	4,080	\$632,400	
Security Specialist	\$100.00	0	\$0	
Permitting	\$130.00	1,656	\$215,280	
Geotechnical	\$150.00	1,900	\$285,000	
On-Site Engineering	\$140.00	3,531	\$494,340	
Contract Manager	\$155.00	3,200	\$496,000	
Contract Manager	\$155.00	3,200	\$496,000	
Contract Manager	\$155.00	2,000	\$310,000	
Site Operator	\$100.00	960	\$96,000	
Surveyor	\$150.00	414	\$62,100	
Equipment Charges			\$213,408	
Change #1 Senior Engineer ¹	\$175.00	3,840	\$672,000	
Change #1 Engineer ²	\$140.00	3,840	\$537,600	
Change #1 Site Operator ³	\$100.00	14,908	\$1,490,800	
Change #2 Site Operator ⁴	\$100.00	15,000	\$1,500,000	
Change #3 Site Operator ⁵	\$100.00	15,000	\$1,500,000	
Change #4 (See attached quote)			\$225,723	
¹ 6 months x 4 engineers			Change Order Total	\$5,926,123
² 6 months x 4 engineers			Original Award	\$6,082,658
³ 6 months x 15 operators			Total New Award	\$12,008,781
^{4,5} 24 months x 3 operators + 1 part-time as required				

CPA 167305

Approved by the JEA Awards Committee
Date 8/3/17 Item # 5



Formal Bid and Award System

Award #5 August 3, 2017

Type of Award Request: PROPOSAL (RFP)
Request #: 3941
Requestor Name: Bradley, Larry F.
Requestor Phone: (904) 665-8728
Project Title: SJRPP Decommissioning Services
Project Number: 000467
Project Location: SJRPP
Funds: Capital and O&M
Award Estimate: \$6,721,000.00

Scope of Work:

JEA is seeking the services of experienced consulting engineering firms that possess technical expertise in the decommissioning of power plants. The particular areas of interest are permitting requirements in the state of Florida, regulated materials management plans, storm water management plans, demolition planning, site remediation and site restoration. Expertise will also be required in construction specification preparation and project management. Work will be issued to the successful firm via a purchase order prior to the prosecution of work. The Consultant/Engineer shall be compensated for actual work performed based on the fixed rates submitted with this proposal package.

JEA IFB/RFP/State/City/GSA#: 109-17
Purchasing Agent: Lovgren, Rodney Dennis
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	Kenneth Beard	9143 Phillips Highway, Suite 400 Jacksonville, FL 32256	(720) 554-8117	\$6,082,658.00

Amount for entire term of Contract/PO: \$6,082,658.00
Award Amount for remainder of this FY: \$200,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 08/11/2017
End Date (mm/dd/yyyy): Project Completion
JSEB Requirement: Ten percent (10%) Goal, 20% Proposed

Comments on JSEB Requirements:

Environmental Resource Solutions -4%; I-Tech Resources -10%; Meskel & Associates -5%; R E Holland & Assoc. -1%

BIDDERS:

Name	Amount	Rank	SCORES
CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	\$6,082,658.00	1	73.0
BURNS & MCDONNELL		2	70.1
BLACK AND VEATCH		3	66.1
AMEC FOSTER WHEELER		4	67.0
ERM - SOUTHEAST		5	57.4
TRC ENGINEERS INC.		5	57.6

Background/Recommendations:

Advertised 06/05/2017. Fourteen (14) companies attended the pre-response meeting on 06/16/2017. At Proposal opening on 06/27/2017, JEA received six (6) Proposals. The public evaluation meeting was held on 07/13/17, and JEA deemed Burns and MacDonald the most qualified to perform the work.

On 07/14/2017, CB&I Environmental & Infrastructure, Inc. submitted a protest letter regarding JEA's final evaluation rankings regarding the scoring of Project Manager Proximity for TRC, stating they did not have a local office. On 07/20/2017 an informal Chief Procurement Officer (CPO) protest meeting was held. JEA determined the project manager proximity ranking for TRC was for the Lead Environmental Engineer, not the Project Manager, which required rescoring of the proximity points. The rescoring deemed CB&I the most qualified to perform the work. The CPO decision letter, evaluation summary matrix and negotiated fees is attached as back-up.

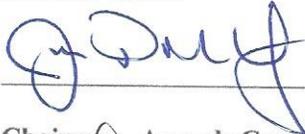
This contract is to engage an engineering firm, familiar with power plant decommissioning, to provide specifications for bidding a demolition and a remediation contract. The firm shall also provide resources for managing the field work associated with the entire decommissioning process.

When comparing rates for this project to other types of professional services (general engineering and environmental services), rates are in line with other contracts for comparable types of positions (field engineers, engineers cad technicians). When comparing the higher level positions (Lead Senior Engineer and Project Manager) the type of project work for this contract appears to command a higher rate for specialized service and is deemed reasonable. A spreadsheet with comparable rates is attached as back-up.

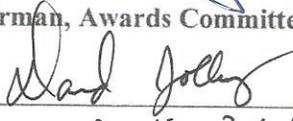
109-17 – Request approval to award a contract to CB&I Environmental & Infrastructure, Inc. for the decommissioning of the SJRPP in the amount of \$6,082,658.00, subject to the availability of lawfully appropriated funds.

Manager: Conner, Sean M. - Sr. Manager - Eng, Env, PdM
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VP: Brost, Mike J. - VP/GM Electric Systems

APPROVALS:

 8-3-17

Chairman, Awards Committee Date

 3 Aug 2017

Operating Budgets
Manager, Capital Budget Planning Date

 8/2/17

Sr Mgr, Business Services for SJRPP Date

109-17 Professional Services for Decommissioning Management for SIRPP - Post CPO Protest Hearing

Vendor	PM	Office	PM Address	Miles	Calc.	Points Awarded
Robbecca Vanderbeck	Jax. Office	Proposal form & PM address: 6256 Greenleaf Road, Jacksonville, FL 32258 (18 miles)		18	3.5	4
Gene Bergert	Jax. Office	Proposal form & PM address: 12740 Gran Bay Parkway West, Suite 2140, Jacksonville, FL (16.7 miles)		16.7	3.7	4
Vic Ramalletta	NC	PM address: 5511 Capital Center Drive, Raleigh, NC 27606 (49 miles)		49	0.1	0
Gene Scott	Jax. Office	PM address: 9143 Phillips Highway, Suite 400, Jacksonville, FL 32256 (12.5 miles)		12.5	5.0	5
Blake Svendsen	Indiana	PM address: 8425 Woodfield Crossing Blvd, Suite 560W, Indianapolis, Indiana 46240		913	0.1	0
Laura Miranda	NY	Clarified PM to NY 31 West 34th Street Suite 7100, New York, NY 10001 (933 miles)		933	0.1	0

Calculation for Proximity

Closest Proximity receives 5 points
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Vendor	Bradley	Mathews	Pinkstaff	Company Experience (20 Points)	Proximity to JEA (5 Points)	JSEB (5 Points)	Total	Rank
AMEC FOSTER WHEELER	3	4	4	11	4	4	67.67	3
BLACK AND VEATCH	6	1	2	9	4	1	54.33	6
BURN & McDONALD	5	2	1	8	0	1	56.67	5
CB & I	1	3	3	3	5	4	66.67	1
ERM - SOUTHEAST	2	6	6	14	0	4	73.33	2
TRC ENGINEERS INC	4	5	5	14	0	4	67.33	4

Vendor	Bradley	Mathews	Pinkstaff	Company Experience (20 Points)	Proximity to JEA (5 Points)	JSEB (5 Points)	Total	Rank
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BLACK AND VEATCH	24.33	31	12	4	1	1	72.33	1
BURN & McDONALD	26.00	30	14	0	1	1	71.00	2
CB & I	22.67	22	16	5	4	4	69.67	3
ERM - SOUTHEAST	21.67	7	4	0	0	4	36.67	6
TRC ENGINEERS INC	19.33	12	4	0	0	4	39.33	5

Vendor	Bradley	Mathews	Pinkstaff	Company Experience (20 Points)	Proximity to JEA (5 Points)	JSEB (5 Points)	Total	Rank
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BURN & McDONALD	22.67	37	20	0	1	1	80.67	1
CB & I	21.67	22	16	5	4	4	68.67	3
ERM - SOUTHEAST	21.33	27	10	0	0	4	62.33	6
TRC ENGINEERS INC	20.00	26	16	0	0	4	66.00	5



July 24, 2017

Rick Faircloth
CB&I Environmental & Infrastructure, Inc.
9143 Phillips Highway, Suite 400
Jacksonville, FL 32256

RE: CHIEF PROCUREMENT OFFICER DECISION
JEA Solicitation 109-17
Professional Services for Decommissioning Management for SJRPP

Dear Mr. Faircloth:

This letter is written in accordance with Article 5-305 of JEA's Procurement Code in response to the protest received by CB&I Environmental & Infrastructure, Inc. ("CB&I") which protested JEA's the evaluation of proposals and final rankings associated with this Solicitation, specifically the Selection Criteria regarding the Project Manager Proximity to JEA. After taking into consideration (1) your protest letter dated July 14, 2017, and (2) the discussions on record at the informal protest meeting held on July 20, 2017, it is my decision to uphold CB&I's protest, we have rescored the proximity Selection Criteria, and CB&I is now determined to be the highest ranked proposer.

- 1) On June 5, 2017, JEA published the Request for Proposals ("Solicitation") for Professional Services for Decommissioning Management for SJRPP .
- 2) On July 13, 2017, JEA issued the final rankings results which stated Burns & McDonald Engineering Company, Inc. ("Burns & McDonald") was the highest ranked proposer.
- 3) On July 14, 2017, CB&I submitted a timely protest letter regarding JEA's final rankings of the proposers and stated that JEA made an apparent evaluation error regarding the Selection Criteria associated with Project Manager Proximity to JEA. CB&I's protest letter went on to state that TRC Engineers, Inc. ("TRC") received maximum points for its proximity to JEA, however, upon CB&I's research it was apparent from TRC's website that TRC does not have a company address located in Jacksonville. Additionally, CB&I's performed its own recalculation of the Selection Criteria for proximity, and determined that CB&I should receive maximum points for proximity, and therefore, should be the number one ranked proposer.

Section 1.2.6.4 of the Solicitation reads as follows:

"Project Manager Proximity to JEA

Maximum score for this criterion is: 5 POINTS

Provide the address of Proposer's office that the proposed Project Manager normally works from and its distance from JEA Headquarters located at 21 West Church St. JEA will use Google Maps to verify distance.

In order to receive points for this criterion, Proposer's office must be occupied and staffed with at least three (3) employees for a duration of six (6) months prior to the Proposal Due Date stated in this RFP. Additionally, the office shall not be used as a residential premises. If

necessary, JEA will use zoning records and tax rolls to validate this criteria.”

- 4) On July 20, 2017, an Informal Chief Procurement Officer (“CPO”) meeting was held and CB&I, Burns and McDonald, Amec Foster Wheeler, and Black & Veatch were in attendance and provided an opportunity to discuss the issues.

Reasons for upholding and agreeing with CB&I’s protest:

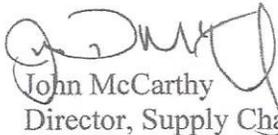
Upon receipt of CB&I’s protest letter, JEA performed its own due diligence in researching the proximity information presented in TRC’s proposal. JEA agrees with CB&I that TRC does not have a Jacksonville office, and has rescored the proximity Selection Criteria, and CB&I is now the highest ranked proposer. Attached hereto as Exhibit A is JEA’s revised scoring matrix.

Additionally at the July 20, 2017, informal protest meeting, JEA questioned CB&I as to whether it met the proximity requirements stated in the Solicitation, specifically whether CB&I’s Project Manager, Eugene Scott, normally works out of its Jacksonville office. CB&I stated that Mr. Scott was assigned to CB&I’s Jacksonville office in January 2017, and that if CB&I was awarded the Contract, Mr. Scott would be locally based in Jacksonville for the duration of the Contract. Attached hereto as Exhibit B is CB&I’s written confirmation that Mr. Scott will work out of CB&I’s Jacksonville office.

Please be advised that you or other affected parties have the right to appeal this decision pursuant to Section 5 of JEA’s Procurement Code, which can be found online at jea.com. I appreciate your cooperation in this process as well as your interest in doing work for JEA.

If you have any further questions related to this matter, please feel free to contact me at mccajp@jea.com or at (904) 665-5544.

Sincerely,



John McCarthy

Director, Supply Chain Management/Chief Procurement Officer

cc: Heather Beard, JEA, Manager, Procurement Contracts Administration

Larry Bradly, SJRPP, Plant Engineer Consultant

Jody Brooks, JEA, Chief Legal Counsel

Larry Pinkstaff, Director, Joint Owned Electric Assets

Rodney Lovgren, JEA, Purchasing Agent Senior

File

**JEA SJRPP RFP 109-17
Decommissioning Management
APTIM Rates**

Job Function	Rate
Accounting Specialist	\$ 82
Asbestos Supervisor	\$ 92
CADD/GIS	\$ 95
Construction Manager	\$ 155
Engineer	\$ 160
Environmental Scientist	\$ 75
Estimator	\$ 133
Field Engineer	\$ 85
Lead Environmental Specialist	\$ 130
Lead Senior Engineer	\$ 175
Project Manager	\$ 193
Safety Manager	\$ 177
Safety Specialist	\$ 102
Scheduler	\$ 151
Site Engineer	\$ 140
Technical Editor	\$ 55
Subcontractors	Cost + 15%
ODCs	Cost + 10%
Aerosol Dust Monitor	\$ 25
Air Sampling Pump	\$ 15
Air Sampling Pump, Calibrator	\$ 5
Conductivity Meter	\$ 11
Dissolved Oxygen Meter	\$ 33
Explosimeter	\$ 40
Flame Ionization Detector (OVA)	\$ 75
4-Gas Meter	\$ 60
GPS Unit (Handheld)	\$ 33
Hand Auger (Stainless Steel)	\$ 13
Oil/Water Interface Probe	\$ 21
Peristaltic Sampling Pump	\$ 43
pH Meter	\$ 11
Photoionization Detector	\$ 65
Pick-up Truck	\$ 55
Thermometer	\$ 3
Turbidity Meter	\$ 39
Water Level Indicator	\$ 11
YSI Sample Unit	\$ 50

**CBI P+A1:H24roposal
CBI Proposal
Engineer/Consultant Cost**

Position	Rate - \$/Hr	Hours	Cost	Location	Cash flow		
					2 months FY17	12 months FY18	12 months FY19
Project Manager	\$193.00	5,040	\$972,720	Office and Field	\$74,824.62	\$448,947.69	\$448,947.69
Project Accountant	\$82.00	4,000	\$328,000	Office and Field	\$25,230.77	\$151,384.62	\$151,384.62
Lead Environmental	\$130.00	2,160	\$280,800	Office and Field	\$21,600.00	\$129,600.00	\$129,600.00
Lead Senior Engineer	\$175.00	3,790	\$663,250	Office and Field	\$51,019.23	\$306,115.38	\$306,115.38
Technical Advisor*	\$200.00	1,741	\$348,200	Office and Field	\$26,784.62	\$160,707.69	\$160,707.69
Safety Specialist	\$102.00	4,030	\$411,060	Field	\$0	\$205,530	\$205,530
Security Specialist*	\$100.00	3,200	\$320,000	Field	\$0	\$160,000	\$160,000
Permitting	\$130.00	1,656	\$215,280	Office and Field	\$16,560.00	\$99,360.00	\$99,360.00
Geotechnical*	\$150.00	2,090	\$313,500	Field	\$0	\$156,750	\$156,750
On-Site Engineering	\$140.00	3,531	\$494,340	Field	\$0	\$247,170	\$247,170
Contract Manager	\$155.00	3,200	\$496,000	Field	\$0	\$248,000	\$248,000
Contract Manager	\$155.00	3,200	\$496,000	Field	\$0	\$248,000	\$248,000
Contract Manager	\$155.00	2,400	\$372,000	Field	\$0	\$186,000	\$186,000
Site Operator*	\$100.00	960	\$96,000	Field	\$0	\$48,000	\$48,000
Surveyor*	\$150.00	414	\$62,100	Field	\$0	\$31,050	\$31,050
Equipment Charges			\$213,408		\$0	\$0	\$213,408
TOTALS		41,412	6,082,658		\$216,019	\$2,826,615	\$3,040,023

* - indicates that the rate was not given on the CBI's rate chart and has been estimated

Profession	109-17	Worley Parsons off General Engineer Contract	Golder KGS monitoring enviro	Black and Veatch Engineering Services
Accounting Specialist	\$ 82.00			\$ 81.74
Asbestos Supervisor	\$ 92.00			
CADD/GIS	\$ 95.00		\$ 98.00	
Construction Manager	\$ 155.00			
Engineer	\$ 160.00	\$ 166.05	\$ 171.00	\$ 172.00
Environmental Scientist	\$ 75.00			
Estimator	\$ 133.00			
Field Engineer	\$ 85.00	\$ 92.14	\$ 91.00	\$ 98.51
Lead Environmental Specialist	\$ 130.00			
Lead Senior Engineer	\$ 175.00	\$ 148.25	\$ 143.00	
Project Manager	\$ 193.00	\$ 132.37	\$ 122.00	\$ 185.72
Safety Manager	\$ 177.00			
Safety Specialist	\$ 102.00			
Scheduler	\$ 151.00			
Site Engineer	\$ 140.00			
Technical Editor	\$ 55.00			
Subcontractors	Cost + 15%			
ODCs	Cost + 10%			
Aerosol Dust Monitor	\$ 25.00			
Air Sampling Pump	\$ 15.00			
Air Sampling Pump, Calibrator	\$ 5.00			
Conductivity Meter	\$ 11.00			
Dissolved Oxygen Meter	\$ 33.00			
Explosimeter	\$ 40.00			
Flame Ionization Detector (OVA)	\$ 75.00			
4-Gas Meter	\$ 60.00			
GPS Unit (Handheld)	\$ 33.00			
Hand Auger (Stainless Steel)	\$ 13.00			
Oil/Water Interface Probe	\$ 21.00			
Peristaltic Sampling Pump	\$ 43.00			
pH Meter	\$ 11.00			
Photoionization Detector	\$ 65.00			
Pick-up Truck	\$ 55.00			
Thermometer	\$ 3.00			
Turbidity Meter	\$ 39.00			
Water Level Indicator	\$ 11.00			
YSI Sample Unit	\$ 50.00			

APTIM Proposal Engineer/Consultant Estimate

Position	Rate - \$/Hr	Hours	Cost
Project Manager	\$ 225.00	5,040	\$ 1,134,000.00
Project Accountant	\$ 82.00	3,900	\$ 319,800.00
Lead Environmental	\$ 130.00	2,160	\$ 280,800.00
Lead Senior Engineer	\$ 175.00	4,100	\$ 717,500.00
Technical Advisor	\$ 200.00	1,700	\$ 340,000.00
Safety Site Manager	\$ 155.00	4,080	\$ 632,400.00
Security Specialist	\$ 100.00	0	\$ -
Permitting	\$ 130.00	1,656	\$ 215,280.00
Geotechnical	\$ 150.00	1,900	\$ 285,000.00
On-Site Engineering	\$ 140.00	3,531	\$ 494,340.00
Contract Manager	\$ 155.00	3,200	\$ 496,000.00
Contract Manager	\$ 155.00	3,200	\$ 496,000.00
Contract Manager	\$ 155.00	2,000	\$ 310,000.00
Site Operator	\$ 100.00	960	\$ 96,000.00
Surveyor	\$ 150.00	414	\$ 62,100.00
Equipment Charges			\$ 213,408.00
CO #1 Senior Engineer ¹	\$ 175.00	3,840	\$ 672,000.00
CO #1 Engineer ²	\$ 140.00	3,840	\$ 537,600.00
CO #1 Site Operator ³	\$ 100.00	14,908	\$ 1,490,800.00
CO # Site Operator ⁴	\$ 100.00	15,000	\$ 1,500,000.00
CO #1 Site Operator ⁵	\$ 100.00	15,000	\$ 1,500,000.00
CO #1 (See attached quote)			\$ 225,723.00
CO #2 Senior Engineer	\$ 175.00	3,500	\$ 612,500.00
CO #2 Engineer	\$ 140.00	4,000	\$ 560,000.00
CO #2 Site Operator	\$ 100.00	10,500	\$ 1,050,000.00

CO #3 Senior Engineer	\$ 175.00	3,900	\$ 682,500.00	
CO #3 Engineer	\$ 140.00	7,500	\$ 1,050,000.00	
CO #3 Site Operator	\$ 100.00	320	\$ 32,000.00	
CO #4 Project Director (25%)	\$ 225.00	600	\$ 135,000.00	\$1,186,243
CO #4 Project Manager (100%)	\$ 165.00	2,600	\$ 429,000.00	
CO #4 Construction Manager (100%)	\$ 145.00	2,150	\$ 311,750.00	
CO #4 Field Engineer (100%)	\$ 105.00	2,150	\$ 225,750.00	
CO #4 Project Accountant (25%)	\$ 85.00	700	\$ 59,500.00	
CO #4 Contracts Specialist (25%)	\$ 60.00	420	\$ 25,200.00	
		Change Order 4 Total	\$1,186,200	
		<10% INCREASE	\$300,000	
		Change Order 3 Total	\$1,764,500	
		Change Order 2 Total	\$2,222,500	
		Change Order 1 Total	\$5,926,123	
		Original Award	\$6,082,658	
		Total New Award	\$17,481,981	

CONTINUE TO OVERSEE TOTAL WRECKING



Gene Scott, P.E.
Director, Power/Industrial Decommissioning
Industrial, Commercial & Power

APTIM
5690 DTC Blvd.; Ste 600W
Greenwood Village, CO 80111
Tel: +1 303 741 7404
Mob: +1 303 882 2991
gene.scott@aptim.com

July 02, 2021

Jamila Akrayi
JEA
Manager, Project Management
4377 Heckscher Drive
Jacksonville, FL 32226

Subject: Professional Services for Demolition Management of the St. Johns River Coal Terminal (SJRCT) and Conveyor Systems

Dear Jamila:

(Please note that this letter is identical to our letter dated June 21,2021 except that we have made a minor reduction in the total costs to permit rounding of numbers)

(Please note that this letter is identical to our letter dated June 16, 2021 except for the addition of Travis Gillespie as Contracts Specialist to our proposed staff. This increases our estimated costs by \$24,960 for a new total of \$1,186,200)

APTIM looks forward to the opportunity to provide the required permitting, demolition planning, preparation, and project management services needed for the demolition of the SJRCT and associated conveyor systems. Given the project level of effort and the necessity to cover two proposed work fronts simultaneously on the project (marine and land-based activities), APTIM estimates the following personnel resources for this project:

APTIM Personnel Resource	% Utilization on the Project
One Project Director	25%
One Project Manager	100%
One Construction Manager	100%
One Field Engineer	100%
One Project Accountant	25%
One Contracts Specialist	20%
Total Estimated Cost:	\$1,186,200



These APTIM resources are based on a standard 40 hours per week schedule (8 hours per day, 5 days per week). If the Contractor(s) choose to work a standard 50 hours per week (10 hours per day, 5 days per week) then APTIM resources can be effectively staggered and overlapped to maintain 40 hours per week to optimize cost.

If the Contractor(s) are approved to work extended hours on any given day or the weekends (i.e., beyond the standard 50-hour work week), then APTIM would invoice any resource working the extended hours on a per-hour rate as follows:

APTIM Personnel Resource	Rate per Hour After 50 Hours per Week
Project Manager	\$165
Construction Manager	\$145
Field Engineer	\$105

Thank you for this opportunity to provide our services on the important project. If you have any questions or require additional information, please contact me at (303) 882-2991.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Gene Scott', with a long horizontal flourish extending to the right.

Gene Scott, P.E.
Director, Power/Industrial Decommissioning
APTIM Environmental & Infrastructure, Inc.



Formal Bid and Award System

Award #4 July 8, 2021

Type of Award Request: INVITATION FOR BID (IFB)
Requestor Name: Hamilton, Spencer – Associate Engineer
Requestor Phone: 904-665-4814
Project Title: Northside Generating Station Protection & Controls Projects
Project Number: 8007013
Project Location: JEA
Funds: Capital
Budget Estimate: \$544,000.00
Scope of Work:

The JEA is soliciting Bids from contractors (hereinafter referred to as “Company”) for construction services for the Northside Generating Station, Substation JEA System Protection & Controls Projects.

Construction services for JEA System Protection & Control Projects include but are not limited to:

- Installation of conduits in yard runs
- Installation of control house and yard control cables
- Providing personnel for onsite outage support
- Removal the entire length of decommissioned cable (panel to panel and from the control house up to the equipment).

The Contractor shall mobilize after the issuance of Purchase Order (PO) from JEA. The Contractor is to note that this work shall be performed in phases dependent upon electrical outages granted by JEA’s System Operations Control Center (SOCC). Therefore, once the outage has been granted by SOCC, the Contractor should have the ability to mobilize within 48-hour notice from JEA Project Manager. Once, the granted outage work has been completed the Contractor may be asked to demobilize until the next outage has been granted. Contractor shall follow Construction Documents to determine the sequence of work. JEA has Electric System Security concerns, which require that this Work be completed on time.

JEA IFB/RFP/State/City/GSA#: 1410336846
Purchasing Agent: Lovgren, Rodney
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
COGBURN BROS, INC.	Austin Helmers	ahelmers@cogburnbros.com	3300 Faye Road, Jacksonville, FL 32226	(904)358-7344	\$549,890.00

Amount for entire term of Contract/PO: \$549,890.00
Award Amount for remainder of this FY: \$0.00 (actual work start FY22)
Length of Contract/PO Term: Project Completion

Begin Date (mm/dd/yyyy): 07/15/2021
End Date (mm/dd/yyyy): Project Completion (Expected: 09/30/2022)
JSEB Requirement: N/A – Optional
Comments on JSEB Requirements:

BIDDERS:

Name	Amount
COGBURN BROS INC.	\$549,890.00
C & C POWERLINE	\$728,553.00

Background/Recommendations:

Advertised on 05/20/2021. Four (4) prime contractors attended the optional pre-bid meeting held on 05/27/2021 and Mandatory site walk through at NGS. At Bid opening on 06/29/2021, JEA received two (2) Bids. JEA received limited competition on this bid, as the work is to be performed on an intermittent basis (i.e. numerous mobilizations, due to scheduling) and a limited size project. Cogburn Bros Inc. is the responsive and responsible Bidder, with the lowest cost to JEA. A copy of the Bid Form is attached as backup.

The award amount is approximately 1% higher than the budget estimate and is deemed reasonable.

1410336846 – Request approval to award a contract to Cogburn Bros. Inc for NGS Protection and Controls upgrades in the amount of \$549,890.00, subject to the availability of lawfully appropriated funds.

Manager: Heaton, Ryan C. - Mgr System Protection and Control Projects
Sr. Director: Acs, Gabor - Sr Dir Engineering & Projects
VP: Erixton, Ricky D. - VP Electric Systems

APPROVALS:


7/8/21

Chairman, Awards Committee **Date**


7/8/21

Budget Representative **Date**

Appendix B - Bid Forms
1410336846 Northside Substation APSTF Protection and Controls Project

Submit an electronic pdf of the Response Forms on the cloud sourcing platform in accordance with the instructions in this solicitation.

Company Name: Cogburn Bros. Inc

Company's Address: 3300 Faye Road Jacksonville, FL 32226

License Number: EC-0000426

Phone Number: (904) 358-7344 FAX No: (904) 358-2805 Email Address: ahelmers@cogburnbros.com

BID SECURITY REQUIREMENTS

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

TERM OF CONTRACT

- One Time Purchase
- Annual Requirements Five (5) Years w/Two (2) – 1Yr Renewals
- Other, Specify - Project Completion

SAMPLE REQUIREMENTS

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

SECTION 255.05, FLORIDA STATUTES CONTRACT BOND

- None required
- Bond required 100% of Bid Award

QUANTITIES

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

INSURANCE REQUIREMENTS

Insurance required

PAYMENT DISCOUNTS

- 1% 20, net 30
- 2% 10, net 30
- Other _____
- None Offered

Item No.	ENTER YOUR BID FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES	TOTAL BID PRICE
1	Subtotal for all work – 1410336846 Northside Substation APSTF Protection and Controls Project	\$499,900.00
2	Supplemental Work Authorization (10% SWA – 10% of Line 1)	\$49,990.00
3	Total Bid Price (Total of Lines 1 & 2)	\$549,890.00

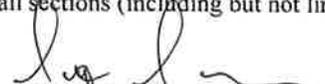
I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

BIDDER CERTIFICATION

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

We have received addenda

___ 1 ___ through ___ 2 ___


Handwritten Signature of Authorized Officer of Company or Agent

6-28-21
Date

SCOTT SULLIVAN ✓ P
Printed Name and Title

MINIMUM QUALIFICATIONS

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: Cogburn Bros Inc.

BUSINESS ADDRESS: 3300 Faye Road

CITY, STATE, ZIP CODE: Jacksonville, Florida 32226

TELEPHONE: (904) 358-7344

FAX: (904) 358-2805

E-MAIL: ahelmers@cogburnbros.com

PRINT NAME OF AUTHORIZED REPRESENTATIVE: AUSTIN HELMERS

SIGNATURE OF AUTHORIZED REPRESENTATIVE: 

NAME AND TITLE OF AUTHORIZED REPRESENTATIVE: Austin Helmers Assistant Project Manager

- A valid State of Florida Electrical Contractors License (enter number on Bid Form located in Appendix B)
- Bidder shall have successfully completed two (2) similar projects, within the last six (6) years as of the Bid Due Date, which includes control panel, conduit installation, cable pulling and cable termination work in substations or electrical generation plants in the State of Florida.
 - Each similar project shall have been \$300,000.00 or greater per project (list projects on the Minimum Qualification Form located in Appendix B)

Appendix B - Bid Forms
1410336846 Northside Substation APSTF Protection and Controls Project

0

Reference 1 of 2

Reference Name: Theron Colbert- JEA Electrical Production Project Manager

Reference Phone Number: (904) 665-7628

Reference E-Mail Address: colberttc@jea.com

Contract Duration/Amount: November 2019 - August 2020 / \$801,356.00

Description of Project: JEA Northside Generating Station NO2 Crusher / B- Train Conveyer Upgrades
 De-Termination of Cabling from motors and. equipment associated with Crusher/Conveyor Systems.

 Modifications made to raceways and cabling systems to prepare for new equipment upgrades. Relocation
 of instrumentation and controls to equipment in area. Installation of new low voltage motor control center
 sections, circuit breakers, CPX 18 Pulse Variable Frequency Drives, Safety Disconnect Switches, and
 Emergency Push Stop Buttons. Relocation and Installation of Light Fixtures and Circu.itry throughout
 project. Wire terminations to all equipment, motors, control panels, low voltage motor control centers,
 circuit breakers, and VFDs. Startup and Commissioning-performed with associated equipment
 manufacturers.

Appendix B - Bid Forms
1410336846 Northside Substation APSTF Protection and Controls Project

Reference 2 of 2

Reference Name: Daniel Weaver – JEA Wastewater Treatment and Reuse Manager – East Grid

Reference Phone Number: (904) 665-4485

Reference E-Mail Address: weavd2@jea.com

Contract Duration/Amount: October 2016 - March 2020 / \$1,324,119.03

Description of Project: Arlington East Water Reclamation Facility Secondary Clarifier Addition

Complete Electrical Installation of New Secondary Clarifier. Work for this project included, but was not limited to, the following: Underground electrical installations including duct banks and the installation of manholes and pull boxes. Above ground conduit and wiring. The installation and connection of various pumps, motors, and safety disconnects switches. Construction of New Electrical Building which included low voltage motor control centers, transformer, power panels, variable frequency drives, control panels, push button control stations, and fiber optic panel. Installation of profibus communication cabling. Assisted integration contractor in complete programming of new communication network and integration to existing facility network. Complete startup and commissioning of all equipment.

CONSTRUCTION AND DEMOLITION DEBRIS DISPOSAL

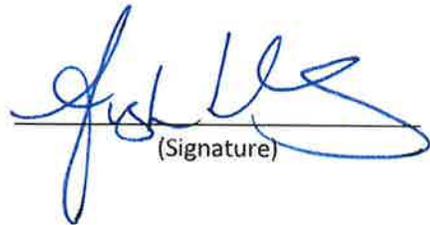
(See Subsection ____ - Instructions to Bidders)

Construction and demolition debris at the worksite will be disposed of at Cogburn Bros Electric Office ;

3300 Faye Road Jacksonville Florida 32226

This location is subject to Certificate of Necessity No. Cogburn Bros Electric , and is designated by

Public Works Department Permit No. _____.



(Signature)

Assistant Project Manager

(Title)

LIST OF SUBCONTRACTORS

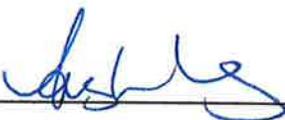
JEA Solicitation Number **1410336846** requires certain major Subcontractors be listed on this form, unless the work will be self-performed by the Company.

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
--------------	---------------------------------	---	--	-------------------------------------

N/A

Signed: 

Company: Cogburn Bros Inc.

Address: 3300 Faye Road Jacksonville, FL, 32226

Date: June 28, 2021

BID BOND

STATE OF FLORIDA

COUNTY OF: Duval }

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

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

 **** Five Per Cent of Amount Bid (5%)

 JEA Northside APSTF System Protection & Control Project 20413

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

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

IN WITNESS WHEREOF, the said Principal and the said Surety have duly executed this bond the 29th day of June, ~~20~~ 2021

ATTEST:

Kristin Kincaide
Signature
Kristin Kincaide
Type/Print Name
Kimberly Sapp
Signature
Kimberly Sapp
Type/Print Name

Cogburn Bros., Inc.
(Principal Company Name)
Kathy Wine
Signature
KATHY WINE
Type/Print Name
CORP, SECRET.
Title
AS PRINCIPAL

Signed, Sealed and Delivered
in the Presence of:

Jeanne M. Vlieg
Signature
Jeanne M. Vlieg
Type/Print Name
David L. Cain
Signature
David L. Cain
Type/Print Name

Western Surety Company
(Surety Company Name)
Terry F. Vlieg
Signature
Terry F. Vlieg
Type/Print Name
Attorney-in-Fact
Title
AS SURETY

Name of Agent: Terry F. Vlieg
Address: P.O. Box 24494
Jacksonville, FL 32241

Countersigned: Terry F. Vlieg
By: Terry F. Vlieg
Resident Agent
State of Florida

Name of Firm: Surety Markets, Inc.
Address: P. O. Box 24494
Jacksonville, FL 32241

Form Approved:
Assistant General Counsel

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Terry F Vliek, Individually

of Jacksonville, FL, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 15th day of June, 2015.



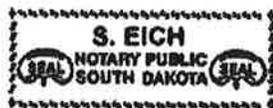
WESTERN SURETY COMPANY

Paul T. Bruflat
Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 15th day of June, 2015, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires
February 12, 2021



S. Eich
S. Eich, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 29th day of June, 2021.



WESTERN SURETY COMPANY

L. Nelson
L. Nelson, Assistant Secretary



Formal Bid and Award System

Award #6 July 8, 2021

Type of Award Request: CHANGE ORDER

Requestor Name: Clendening, William M.

Requestor Phone: (904) 665-4723

Project Title: Buckman Wastewater Reclamation Facility (WRF) Blower System Improvements Project

Project Number: 8004746

Project Location: JEA

Funds: Capital

Budget Estimate: N/A

Scope of Work:

Provide engineering services for the Buckman WRF Blower System Improvements project. The engineering services shall include the study, preliminary design, 100% design, bid phase, and engineering support services during construction and acceptance testing. The current blowers installed in 2013 have not performed well for extended periods. The manufacturer of the current blowers has performed a significant amount of repairs and redesigns and the facility continues experiencing blower failures.

JEA IFB/RFP/State/City/GSA#: 050-17

JEA CPA# 171116

Purchasing Agent: Kruck, Daniel R.

Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
JACOBS ENGINEERING GROUP INC.	Mike Dykes	mike.dykes@jacobs.com	200 W Forsyth Street, Suite 1520, Jacksonville, FL 32202	(904) 224-3136	\$413,667.00

Amount of Original Award: \$1,385,404.38

Date of Original Award: 12/21/2017

Change Order Amount: \$413,667.00

List of Previous Change Order/Amendments:

CPA #	Amount	Date	Reason
17116	\$507,042.00	05/09/2019	JEA scope increase including, a new building and HVAC systems

New Not-To-Exceed Amount: \$2,306,113.38

Length of Contract/PO Term: Project Completion

Begin Date (mm/dd/yyyy): 02/02/2018

End Date (mm/dd/yyyy): Project Completion (Expected: March 2022)

JSEB Requirement: Five Percent (5%) Evaluation Criteria

Comments on JSEB Requirements:

Original Award

R.E. Holland (Survey) – 1.44%

Change Order:

N/A

Background/Recommendations:

Originally approved by Awards Committee on 12/21/2017 in the amount of \$1,385,404.38 to CH2M Hill Engineers Inc. Since the original award, CH2M Hill Engineers, Inc. was acquired by Jacobs Engineering, Inc. Staffing for this project has remained consistent since the acquisition. A previous change order was approved by the Awards Committee on 05/09/2019 in the amount of \$507,042.00 for JEA-directed scope increases, including a new switchgear building, and new HVAC systems for the existing blower building. Copies of the previous awards are attached as backup.

This current award request is for a change order to the contract of Jacobs Engineering, Inc. for the Buckman WRF Blower System Improvements project. After Jacobs delivered the 90% design documents JEA decided to modify the design specifications due to a change in the proposed layout of other plant projects. The modifications include using the new building switchgear building for the switchgear and as a storage facility. The scope of this contract amendment includes the necessary modifications to the design to make this change to the structural design and additional site/civil modifications that are necessary. This amendment also adds funds for additional services during construction to coordinate with the CMAR firm performing the construction. The hourly rates for this contract have been increased by 1.5% per year, as negotiated with Jacobs at the time of original contract execution.

Request approval to award a change order to Jacobs Engineering, Inc. for additional engineering and services during construction for the Buckman WRF Blower System Improvements project in the amount of \$413,667.00, for a new not-to-exceed amount of \$2,306,113.38, subject to the availability of lawfully appropriated funds.

Manager: Collier, Bradley W - Mgr W/WW Project Management
Director: Conner, Sean M - Dir W/WW Project Engineering & Construction
VP: Hai, Vu X. – VP Water Wastewater Systems

APPROVALS:

Heather Beard 7/8/21

Chairman, Awards Committee **Date**

Sam A. Winters 7/8/21

Budget Representative **Date**



Formal Bid and Award System

Award #2 May 9, 2019

Type of Award Request: CHANGE ORDER
Requestor Name: Clendening, William M. CPA 171116
Requestor Phone: (904) 665-4723
Project Title: Buckman Wastewater Reclamation Facility (WRF) Blower System Improvements Project
Project Number: 8004746
Project Location: JEA
Funds: Capital
Budget Estimate: \$1,400,000.00

Scope of Work:

Provide engineering services for the Buckman WRF Blower System Improvements project. The engineering services shall include the study, preliminary design, 100% design, bid phase, and engineering support services during construction and acceptance testing. The current blowers installed in 2013 have not performed well for extended periods. The manufacturer of the current blowers has performed a significant amount of repairs and redesigns and the facility continues experiencing blower failures.

This project impacts the following JEA Measures of Value:

- Community Impact Value: – provides better reliability in the proper treatment of wastewater for customers in the Buckman area of JEA’s Core City grid
- Environmental Value: – provides better reliability in the proper treatment of wastewater for meeting regulatory requirements for the Buckman WRF
- Financial Value : Reduce the Risk of regulatory fines associated with Process failures

JEA IFB/RFP/State/City/GSA#: 050-17
JEA CPA# 171116
Purchasing Agent: Kruck, Daniel R.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
JACOBS ENGINEERING GROUP INC.	Mike Dykes	mike.dykes@jacobs.com	245 Riverside Ave Ste 300, Jacksonville FL 32202	(904) 224-3136	\$507,042.00

Amount of Original Award: \$1,385,404.38
Date of Original Award: 12/21/2017
Change Order Amount: \$507,042.00
New Not-To-Exceed Amount: \$1,892,446.38
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 02/02/2018
End Date (mm/dd/yyyy): Project Completion (Expected: March 2022)

JSEB Requirement:

Five Percent (5%) Evaluation Criteria

Comments on JSEB Requirements:Original Award

R.E. Holland (Survey) – 1.44%

Change Order:

N/A

Background/Recommendations:

Originally approved by Awards Committee on 12/21/2017 in the amount of \$1,385,404.38 to CH2M Hill Engineers Inc. Since the original award, CH2M Hill Engineers, Inc. has merged with Jacobs Engineering, Inc. Staffing for this project has remained consistent since the merger. A copy of the original award is attached as backup. The difference between the original award of \$1,385,404.38 and the \$800,000.00 original engineering cost estimate was due to added scope by the previous VP to address:

- Task 3 - Aeration basin diffuser study and development of a PRO-2D process model.
- Task 8 - Services during construction (SDC).
- Task 9 - Existing Neuros blowers on-call professional services, assist JEA trouble shoot warranty issues.
- Task 9 - Design and startup support for new roof-mounted fans.

This current award request is for a change order to the contract of Jacobs Engineering, Inc. for the Buckman WRF Blower System Improvements project. JEA has added scope including preparing design documents for the installation of heating, ventilation, and air conditioning (HVAC) systems for the existing control panels in the blower building electrical room, and design documents for construction of a new distribution switchgear building. The added scope includes:

- New distribution switchgear building that addresses the blower project and the biosolids project. The distribution switchgear building will be designed to be located above the Category 4 flood stage.
- New electrical transmission duct bank, S&C switching and transformers.
- New air-conditioned electrical room inside existing blower building for the existing Neuros panels.
- Piping improvements to prevent blower building basement from flooding, two single-point of failures were identified and will be addressed.

The total amount for the added scope is \$507,042.00. The change order quote is attached as backup. A budget trend will be submitted for this award request.

The project details are below:

- Original Project Budget: \$6,800,000.00
 - Engineering Estimate: \$800,000.00
 - Construction Estimate: \$5,200,000.00
 - JEA Services Cost: \$800,000.00
- Estimate at Completion: \$11,713,441.00 (30% design estimate)
 - Engineering Cost: \$1,892,446.38
 - Design Services: \$1,442,251.38 (15.5% of estimated construction costs)
 - SDC: \$450,195.00 (4.8% of estimated construction costs)
 - Construction Cost Estimate: \$9,309,000.00
 - JEA Services Cost: \$511,994.62
- Original Schedule:
 - Engineering Completion: August 2019
 - Construction Completion: May 2021

- Revised Schedule:
 - Engineering Completion: November 2019
 - Construction Completion: March 2022

Major Change/Issue: The existing blower building distribution switchgear has exceeded its useful life. A new resilient distribution switchgear building for the blower project and biosolids project was added to the project at the request of JEA operations staff. The design includes a phasing plan to show how the Neuros blowers can be replaced with single-stage integrally-gearred blowers in a logical sequence.

Added a dedicated air-conditioned electrical room for the existing Neuros panels. Make improvements to reduce existing blower building basement flooding.

Engineering/Resiliency - Design of new distribution switchgear building (60%, 90% and Final). The previous scope was all self-contained in the blower building. The scope change required the addition of geotechnical borings and engineering, resiliency assessment, site survey and civil engineering, HVAC design and architecture.

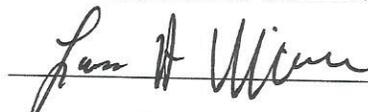
Construction – Addition of external electrical switchgear building to support blowers and biosolids process. The \$9.3 million dollar estimate was provided by the engineer as a Class 3 estimate (-20%, +30%).

Request approval to award a change order to Jacobs Engineering, Inc. for additional engineering and services during construction for the Buckman WRF Blower System Improvements project in the amount of \$507,042.00, for a new not-to-exceed amount of \$1,892,446.38, subject to the availability of lawfully appropriated funds.

Manager: Collier, Bradley W - 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:

 _____ 5/9/19
 Chairman, Awards Committee Date

 _____ 5/9/19
 Manager, Capital Budget Planning Date



CPA 171116

Approved by the JEA Awards Committee
Date 12/21/17 item # 9

Formal Bid & Award System

Award #9 December 21, 2017

Type of Award Request: PROPOSAL (RFP)
Request #: 1820
Requestor Name: Vu, Hai X. - Manager - Water Plants Engineering & Construction
Requestor Phone: (904) 665-4028
Project Title: Buckman WRF Blower System Improvements
Project Number: 8004746
Project Location: JEA
Funds: Capital
Award Estimate: \$1,400,000.00

Scope of Work:
 Provide engineering services for the Buckman Waste Water Treatment Plant (WWTP) Blower System Improvements project. The engineering services shall include the study, preliminary design, 100% design, bid phase, and engineering support services during construction and acceptance testing.

JEA IFB/RFP/State/City/GSA#: 050-17
Purchasing Agent: Kruck, Daniel Robert (Dan)
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
CH2M HILL ENGINEERS INC.	CAROL FOSTER	carol.foster@ch2m.com	9127 South Jamaica St, Englewood CO 80112	(904) 733-9119	\$1,385,404.38

Amount for entire term of Contract/PO: \$1,385,404.38
Award Amount for remainder of this FY: \$650,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 12/11/2017
End Date (mm/dd/yyyy): Project Completion
JSEB Requirement: Evaluation Criteria (5% max)
Comments on JSEB Requirements: RE Holland (Survey): 1.44%

BIDDER:

Name	Amount	Rank
CH2M HILL ENGINEERS INC.	\$1,385,404.38	1

Background/Recommendations:

Advertised 01/19/2017. Four (4) companies attended the mandatory pre-proposal meeting on 01/25/2017. At Proposal opening on 02/14/2017, JEA received one (1) proposal from CH2M HILL Engineers, who teamed up with Black & Veatch. Two companies did not submit a Proposal, stating a desire to concentrate efforts on other opportunities with the likelihood of higher success. The CH2M HILL/Black & Veatch team included subject matter experts from both firms who have been assisting JEA to solve the turbo blower issues. Black & Veatch will play a significant subcontracted role in the evaluation, design, and construction oversight. The public evaluation meeting was held on 03/14/2017, and JEA deemed

CH2M Hill Engineers, Inc. qualified to perform the work. A copy of the evaluation matrix is attached as back-up.

JEA installed new high-speed, gearless turbo blowers at the Buckman Water Reclamation Facility in 2013. These blowers provide oxygen for the wastewater treatment process and are critical for meeting water quality objectives. Although very efficient, they have experienced numerous failures and operational issues. Causes for failures have been attributed to the higher than expected levels of hydrogen sulfide and dust. JEA has implemented numerous improvements, including conformal coating of electronic components to prevent corrosion, improving intake filtration, and relocating the air intake from ground level to the rooftop to make these units more reliable.

To have confidence in the reliability and redundancy in the operation of the aeration system at Buckman, JEA proposes to design and construct a new blower system that can work in parallel with and will provide up to fifty percent (50%) back-up capacity to the existing turbo blowers. The new blowers will be robust, resistant to the levels of hydrogen sulfide and dust found at Buckman, have a proven track record, and simple to operate and maintain.

For engineering, JEA requires an integrated approach to evaluate and design the blower system, including evaluating current and projected air requirements, air header and diffusers; perform system modeling; and evaluating and selecting blower technologies for proven, consistent operational reliability.

The total cost for engineering services, including evaluation, design, permitting, and full services during construction is based on hourly rates with a not-to-exceed amount of \$1,385,404.38, which is less than one percent (1%) of the \$1,400,000.00 estimate for engineering fee, and is deemed to be reasonable. The breakdown of the fee is shown below:

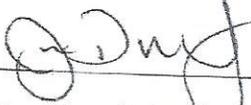
- Evaluation of the Aeration System: \$235,641.63
- Design, Permitting, and Bidding Support: \$719,074.74
- Full Services During Construction (including inspection): \$430,688.01

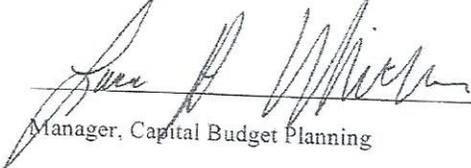
050-17 - Request approval to award a contract to CH2M HILL Engineers, Inc. for engineering services for the Buckman WRF - Blower System Improvements project in the amount of \$1,385,404.38, subject to the availability of lawfully appropriated funds.

Director: Marshall, Raynetta C. - Dir, WWW Grid Project Eng & Construction

VP: Roche, Brian J. - VP/GM Water Wastewater Systems

APPROVALS:


Chairman, Awards Committee
Date 12-21-17


Manager, Capital Budget Planning
Date 12/21/17

GENERAL CONTRACT SCOPE OF SERVICES

JEA Buckman Water Reclamation
Facility Aeration System
Improvements

JEA RFP – 050-17
JEA Contract No. _____

Prepared for



October 2017 (rev 2)



In association with



Schedule

Attachment B provides an estimated schedule for completion of the work outlined in this scope.

Payment of Services

JEA will pay CH2M on a time-and-materials basis for a not-to-exceed fee of \$1,385,404.38 for Tasks 1 through 9, following the task breakdown shown in Table 1.

Table 1

Task	Total
Task 1: Mobilize the Team and conduct Project Kickoff Workshop (Review Existing Docs/Prelim. Technology Options and Kick Off Meeting)	\$52,314.68
Task 2: Develop an Understanding and Conduct Assessment of Existing System	\$62,889.83
Task 3: Diffuser Study (Like-for-Like Replacement Analysis)	\$45,770.88
Task 4: Develop the Basis of Design Report and Implementation Plan	\$126,980.92
Task 5: Develop Detailed Design Plans and Specifications	\$458,843.52
Task 6: Provide Permitting Assistance	\$14,046.76
Task 7: Provide Bidding and Procurement Assistance	\$24,856.06
Task 8: Provide Support Services During Construction, Startup, and System Acceptance	\$430,688.01
Task 9: Provide On-Call Services to Support the Existing Blower System/Facility	\$119,186.72
Total Time and Materials Fee Labor (CH2M/B&V Team)	\$1,335,577.38
Total B&V Expenses	\$12,107.00
Total CH2M Expenses	17,720.00
Total JSEB Subcontractor	\$20,000
Total Project Cost	\$1,385,404.38

This scope of services will be executed under the terms and conditions of the qualified proposers list, and the basis of payment, will be time and materials each month based on the bill rates provided in Attachment D.

JEA Buckman Water Reclamation Facility Aeration System Improvements - Proposed Drawing List
29-Sep-17

Sheet No.	Discipline	CH2M or B&V	Drawing Title	Notes
1	General	CH2M	Project Vicinity / Location Maps and Index to Drawings	
2	General	CH2M	Abbreviations	
3	General	CH2M	HVAC Legend and General Notes	
4	General	CH2M	Architectural General Notes and Material Symbols Legend	
5	General	CH2M	Structural General Notes	
6	General	CH2M	Structural General Notes	
7	General	B&V	Mechanical Legend Sheet 1 of 2	
8	General	B&V	Mechanical Legend Sheet 2 of 2	
9	General	B&V	Electrical Legend Sheet 1 of 2	
10	General	B&V	Electrical Legend Sheet 2 of 2	
11	General	CH2M	Instrumentation and Control Legend Sheet 1 or 2	
12	General	CH2M	Instrumentation and Control Legend Sheet 2 or 2	
13	Instrumentation and Control	CH2M	Blower P&ID	
14	Instrumentation and Control	CH2M	Blower P&ID	
15	Instrumentation and Control	CH2M	Block Diagram	
16	Instrumentation and Control	CH2M	Standard Details	
17	Architecture	CH2M	Blower Building Life Safety Plan	
18	Architecture	CH2M	Blower Building - Demolition Plan	No changes to building egress
19	Architecture	CH2M	Blower Building - Demolition Photos	
20	Architecture	CH2M	Blower Building - First Floor Plan	
21	Architecture	CH2M	Blower Building - Schedules	
22	Structural	CH2M	Blower Building - Basement Plan	
23	Structural	CH2M	Blower Building - First Floor Plan	
24	Structural	CH2M	Blower Building - Sections	
25	Structural	CH2M	Blower Building - Sections	
26	Structural	CH2M	Blower Building - Sections and Details	
27	Structural	CH2M	Blower Building - Sections and Details	
28	Structural	CH2M	Standard Details	
29	Structural	CH2M	Standard Details	
30	Structural	CH2M	Standard Details	
31	Process Mechanical	B&V	First Floor - Blower Plan	
32	Process Mechanical	B&V	Basement - Piping Plan	CH2M to prepare process model
33	Process Mechanical	B&V	Blower - Section and Details	
34	Process Mechanical	B&V	Blower - Sections and Details	
35	Process Mechanical	B&V	Blower Piping - Support Details	
36	Process Mechanical	B&V	Blower Piping - Support Details	
37	Process Mechanical	B&V	Standard Details	
38	Process Mechanical	B&V	Standard Details	
39	Electrical	B&V	Blower Building - First Floor Demolition Plan	
40	Electrical	B&V	Blower Building - Demolition Photos	
41	Electrical	B&V	Blower Building - First Floor Power Plan	
42	Electrical	B&V	Blower Building - First Floor Grounding Plan	No lighting design included
43	Electrical	B&V	One Line Diagram	
44	Electrical	B&V	Motor Elementary Control Diagram	
45	Electrical	B&V	Panelboard and Conductor Schedules	
46	Electrical	B&V	Standard Details	
47	Electrical	B&V	Standard Details	
48	Electrical	B&V	Standard Details	

**ATTACHMENT C -
JEA Buckman Water Reclamation Facility Aeration System Improvements
Engineering Services Proposed Fee**

CH2M HILL LABOR			
		Hours	Cost
Task 1	Mobilize the Team and Conduct Project Kickoff Workshop	224	\$40,008.24
Task 2	Develop an Understanding and Conduct Condition Assessment of Existing System	278	\$49,755.83
Task 3	Diffuser Study (like-for-like replacement analysis)	276	\$41,890.88
Task 4	Develop Basis of Design Report (BODR) and Implementation Plan	489	\$85,723.18
Task 5	Develop Detailed Design Plans and Specifications	1,742	\$271,777.70
Task 6	Provide Permitting Assistance	64	\$10,736.36
Task 7	Provide Bidding and Procurement Assistance	102	\$17,299.94
Task 8	Provide Support Services During Construction, Startup, and System Acceptance	2,279	\$342,100.61
Task 9	Provide On-Call Services to support JEA and APG-Neuros implementation modifications to the existing blower systems	300	\$62,023.28
	Labor Total	5,754	\$ 921,316.02
B&V Labor			
Task 1	Mobilize the Team and Conduct Project Kickoff Workshop	74	\$12,306.44
Task 2	Develop an Understanding and Conduct Condition Assessment of Existing System	74	\$13,134.00
Task 3	Diffuser Study (like-for-like replacement analysis)	18	\$3,880.00
Task 4	Develop Basis of Design Report (BODR) and Implementation Plan	264	\$41,257.74
Task 5	Develop Detailed Design Plans and Specifications	1206	\$187,065.82
Task 6	Provide Permitting Assistance	16	\$3,310.40
Task 7	Provide Bidding and Procurement Assistance	51	\$7,556.12
Task 8	Provide Support Services During Construction, Startup, and System Acceptance	586	\$88,587.40
Task 9	Provide On-Call Services to support JEA and APG-Neuros implementation modifications to the existing blower systems	300	\$57,163.44
	B&V Labor Total	2,568	\$414,261.36
	Grand Total (Labor)	8,207	\$1,335,577.38
	CH2M Expenses		\$17,720.00
	B&V Expenses		\$12,107.00
	Survey RE Holland (3D Survey Building)		\$20,000.00
Contract Time and Material (TM) Fee Amount:			\$1,385,404.38

**ATTACHMENT D -
JEA Buckman Water Reclamation Facility Aeration System Improvements
Engineering Services Proposed Fee
Proposed Billing Rates**

9/29/2017

Labor Category	2017	2018	2019	2020
Design Technician 2	\$77.12	\$78.28	\$79.45	\$80.64
Design Technician 3	\$115.14	\$116.87	\$118.62	\$120.40
Design Technician 4	\$156.61	\$158.96	\$161.34	\$163.76
Engineer 1/Technologist 1	\$105.04	\$106.62	\$108.22	\$109.84
Engineer 2/Technologist 2	\$120.65	\$122.46	\$124.30	\$126.16
Engineer 3/Technologist 3	\$141.92	\$144.05	\$146.21	\$148.40
Engineer 4/Technologist 4	\$167.40	\$169.91	\$172.46	\$175.05
Engineer 5/Technologist 5	\$193.30	\$196.20	\$199.14	\$202.13
Engineer 6/Technologist 6	\$214.52	\$214.52	\$217.74	\$221.01
Engineer 7/Technologist 7	\$236.62	\$236.62	\$240.17	\$243.77
Project Assistant	\$86.18	\$87.47	\$88.78	\$90.11

Escalation 1.5% per year starting 1/1/2018

Year	Escalation
2017	-
2018	1.50%
2019	1.50%
2020	1.50%

Based on NTP date of 11/2017 and ending 1/2020

050-17 Engineering Services for the Buckman WRF Blower System Improvements

Vendor Rankings	Hai Vu	David Kowalski	Greg Peugh	Σ Rank	Overall Rank
CH2M	1	1	1	3	1

Hai Vu	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (20 Points)	Proximity (5 Points)	JSEB (5 Points)	Total	Rank
CH2M	27.60	33	17	4	4	85.60	1

David Kowalski	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (20 Points)	Proximity (5 Points)	JSEB (5 Points)	Total	Rank
CH2M	25.73	36	18	4	4	87.73	1

Greg Peugh	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (20 Points)	Proximity (5 Points)	JSEB (5 Points)	Total	Rank
CH2M	23.73	32	14	4	4	77.73	1

Overall Averages	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (20 Points)	Proximity (5 Points)	JSEB (5 Points)	Total
CH2M	25.69	33.67	16.33	4.00	4.00	83.69

Amendment No. 1, Scope A – Proposed Change Order for Electrical Building, HVAC for Existing Neuros Electrical Panels, and Improvements to Reduce Blower Basement Flooding Risk

Table 1. Engineering Fee Breakdown

Amendment No. 1, Scope A – Proposed Change Order for Electrical Building, HVAC for Existing Neuros Electrical Panels, and Improvements to Reduce Blower Basement Flooding Risk

Task	Total
Task 1A.1 – Conceptual Design Phase (30 percent)	\$153,801
Task 1A.2 – Design Development Phase (60 percent, 90 percent, and Final)	\$348,352
Task 1A.3 – Services During Construction, Startup, and System Acceptance	\$105,369
Total B&V	\$102,098
Total Jacobs	\$482,878
Total JSEB Subcontractor	\$22,546
Total Project Cost	\$607,522

Contract Credit

The scope to provide a half-time (20 hour/week) resident inspector, included in the Original General Scope of Services as Task 8, has been removed from this scope. A contract credit of \$100,480 was applied for this scope item as shown in Table 2 and Attachment 2. A purchase order was not issued for these proposed services that were proposed on a time and materials basis. The new contract amount including Amendment No. 1, Scope A for \$607,522, and the scope credit for removal of the resident inspector at (-\$100,480) totals \$1,892,446. These changes result in a contract increase of \$507,042.

Table 2. Adjusted Engineering Fee Breakdown

Amendment No. 1, Scope A – Proposed Change Order for Electrical Building, HVAC for Existing Neuros Electrical Panels, and Improvements to Reduce Blower Basement Flooding Risk

Task	Amount
Original Contract	\$1,385,404
Scope A Change Order	\$607,522
Original Contract Task 8 Scope Deduction applied for removing half-time resident inspector	-\$100,480
New Contract Amount with Scope A and Scope Deduction	\$1,892,446

This scope of services will be executed under the terms and conditions of the qualified proposers list, and the basis of payment will be time and materials each month based on the bill rates provided in Attachment 1. Attachment 2 includes a detailed fee breakdown.

Schedule

Attachment 2 also provides an estimated schedule for the completion of the work outlined in this scope and the original contract.

Buckman Wastewater Reclamation Facility (WRF) Blower System Improvements Project

The engineering services shall include the study, preliminary design, 100% design, bid phase, and engineering support services during construction and acceptance testing. The current blowers installed in 2013 have not performed well for extended periods. The manufacturer of the current blowers has performed a significant amount of repairs and redesigns and the facility continues experiencing blower failures. The blowers have exceeded useful life.

Budget Milestones	Date	Engineering Budget	Construction Budget	*JEA Indirect Costs	Total Project Cost	Engineering Schedule	Construction Schedule	Major Change/Issue
Planning	March 2017	\$800,000.00	\$5,200,000.00	\$800,000.00	\$6,800,000.00	August 2019	May 2021	N/A
Engineering Bid	December 2017	\$1,400,000.00	\$5,200,000.00	\$800,000.00	\$7,400,000.00	August 2019	May 2021	The difference between the original award of \$1,385,404.38 and the \$800,000.00 original engineering cost estimate was due to added scope by the previous VP to address: <ul style="list-style-type: none"> • Task 3 - Aeration basin diffuser study and development of a PRO-2D process model. • Task 8 - Services during construction (SDC). • Task 9 - Existing Neuros blowers on-call professional services, assist JEA trouble shoot warranty issues. • Task 9 - Design and startup support for new roof-mounted fans.
30% Design/Change Order	April 2019	\$1,892,446.38	\$9,309,000.00	\$511,994.62	\$11,713,441.00	November 2019	March 2022	Change Order of \$507,042.00 for engineering due to added scope including: <ul style="list-style-type: none"> • New distribution switchgear building that addresses the blower project and the biosolids project. The distribution switchgear building will be designed to be located above the Category 4 flood stage. • New electrical transmission duct bank, S&C switching and transformers. • New air-conditioned electrical room inside existing blower building for the existing Neuros panels. • Piping improvements to prevent blower building basement from flooding, two single-point of failures were identified and will be addressed. <p>Construction – Addition of external electrical switchgear building to support blowers and biosolids process. The \$9.3 million dollar estimate was provided by the engineer as a Class 3 estimate (-20%/+30%).</p>
100% Design								
Construction Bid								
Estimate at Completion	April 2019	\$1,892,446.38	\$9,309,000.00	\$511,994.62	\$11,713,441.00	November 2019	March 2022	

*Typical project indirect costs include:

- Project Management (PEC or contract Project Manager labor)
- Services During Construction (PEC or contract inspection labor)
- Project Support (JEA labor charges from supporting groups such as Operations, Environmental, etc.)
- Land & Rights (real estate labor and purchases)

ATTACHMENT 2 -
JEA Buckman WRF Aeration System Improvements
Proposed Change Order for Electrical Building Options 1, Additional SDC and B&V Out of Scope Work

		2020	2021	2022										
Task List														
Task 1 Option 1 Switch Gear Building Modifications		Task 1												
Name	Labor Category	2020 Hours	2021 Hours	2022 Hours	Total Hours	2018 Rate	2019 Rate	2020 Rate	2021 Rate	2022 Rate	Sub Expenses	Total Cost		
Task 1 Option 1 Switch Gear Building Modifications		Task 1			Task 1 Gear Buildi 0 Option 1 Switch Gear Building Modifications									
1. Option 1 Switch Gear Building Modifications		1. Option 1 Switch Gear Building Modifications												
Jeff Thornton	Design Technician 2	12			12	\$ 78.00	\$ 79.00	\$ 80.00	\$ 81.00	\$ 82.00		\$ 960		
Christel Childress	Design Technician 3	12			12	\$ 117.00	\$ 119.00	\$ 121.00	\$ 123.00	\$ 125.00		\$ 1,452		
Patrick Denning	Design Technician 3	28			28	\$ 117.00	\$ 119.00	\$ 121.00	\$ 123.00	\$ 125.00		\$ 3,388		
Tim Loose	Design Technician 4	16			16	\$ 159.00	\$ 161.00	\$ 163.00	\$ 165.00	\$ 167.00		\$ 2,608		
Yvette Fitzgerald	Design Technician 4	8			8	\$ 159.00	\$ 161.00	\$ 163.00	\$ 165.00	\$ 167.00		\$ 1,304		
Ben Dykes	Engineer 1/Technologist 1	4			4	\$ 107.00	\$ 109.00	\$ 111.00	\$ 113.00	\$ 115.00		\$ 444		
Erika Smith	Engineer 3/Technologist 3	16			16	\$ 144.00	\$ 146.00	\$ 148.00	\$ 150.00	\$ 152.00		\$ 2,368		
Jaynelle Pemberton	Engineer 3/Technologist 3	0			0	\$ 144.00	\$ 146.00	\$ 148.00	\$ 150.00	\$ 152.00		\$ -		
Luis Soto Maya	Engineer 3/Technologist 3	4			4	\$ 144.00	\$ 146.00	\$ 148.00	\$ 150.00	\$ 152.00		\$ 592		
Rich Morrison	Engineer 3/Technologist 3	4			4	\$ 144.00	\$ 146.00	\$ 148.00	\$ 150.00	\$ 152.00		\$ 592		
Abel Valiente	Engineer 4/Technologist 4	4			4	\$ 169.00	\$ 171.00	\$ 173.00	\$ 176.00	\$ 179.00		\$ 692		
Beth Trautwein	Engineer 4/Technologist 4	3			3	\$ 169.00	\$ 171.00	\$ 173.00	\$ 176.00	\$ 179.00		\$ 519		
Ted Price	Engineer 4/Technologist 4	1			1	\$ 169.00	\$ 171.00	\$ 173.00	\$ 176.00	\$ 179.00		\$ 173		
Tim Dodge	Engineer 4/Technologist 4	12			12	\$ 169.00	\$ 171.00	\$ 173.00	\$ 176.00	\$ 179.00		\$ 2,076		
Clement Anson	Engineer 5/Technologist 5	1			1	\$ 196.00	\$ 199.00	\$ 202.00	\$ 205.00	\$ 208.00		\$ 202		
Marc Goslow	Engineer 5/Technologist 5	12			12	\$ 196.00	\$ 199.00	\$ 202.00	\$ 205.00	\$ 208.00		\$ 2,424		
Tim Ptak	Engineer 5/Technologist 5	12			12	\$ 196.00	\$ 199.00	\$ 202.00	\$ 205.00	\$ 208.00		\$ 2,424		
Jacobs Expenses												\$ -		
JSEB Sub Expenses Allowance											\$ -	\$ -		
Technician	Design Technician 3	54			54	\$ 117.00	\$ 119.00	\$ 121.00	\$ 123.00	\$ 125.00	\$ 6,534	\$ 6,534		
Engineer	Engineer 2/Technologist 2	62			62	\$ 123.00	\$ 125.00	\$ 127.00	\$ 129.00	\$ 131.00	\$ 7,874	\$ 7,874		
Brian Quarles	Engineer 3/Technologist 3	13			13	\$ 144.00	\$ 146.00	\$ 148.00	\$ 150.00	\$ 152.00	\$ 1,924	\$ 1,924		
Richard Taylor	Engineer 6/Technologist 6	32			32	\$ 215.00	\$ 218.00	\$ 221.00	\$ 224.00	\$ 227.00	\$ 7,072	\$ 7,072		
Mark Steichen	Engineer 7/Technologist 7	29			29	\$ 237.00	\$ 241.00	\$ 244.00	\$ 248.00	\$ 252.00	\$ 7,076	\$ 7,076		
Black & Veatch Expenses											\$ -	\$ -		
		339	0	0	339						\$ 30,480	\$ 52,698		
Task 2 Design Changes after 100% Design		Task 2			Task 2 nges after 1 0 Design Changes after 100% Design									
1. Option 1 Switch Gear Building Modifications		1. Option 1 Switch Gear Building Modifications												
Jeff Thornton	Design Technician 2				0	\$ 78.00	\$ 79.00	\$ 80.00	\$ 81.00	\$ 82.00		\$ -		
Christel Childress	Design Technician 3	24			24	\$ 117.00	\$ 119.00	\$ 121.00	\$ 123.00	\$ 125.00		\$ 2,952		
Patrick Denning	Design Technician 3				0	\$ 117.00	\$ 119.00	\$ 121.00	\$ 123.00	\$ 125.00		\$ -		
Tim Loose	Design Technician 4	40			40	\$ 159.00	\$ 161.00	\$ 163.00	\$ 165.00	\$ 167.00		\$ 6,600		
Yvette Fitzgerald	Design Technician 4				0	\$ 159.00	\$ 161.00	\$ 163.00	\$ 165.00	\$ 167.00		\$ -		
Ben Dykes	Engineer 1/Technologist 1				0	\$ 107.00	\$ 109.00	\$ 111.00	\$ 113.00	\$ 115.00		\$ -		
Erika Smith	Engineer 3/Technologist 3				0	\$ 144.00	\$ 146.00	\$ 148.00	\$ 150.00	\$ 152.00		\$ -		
Jaynelle Pemberton	Engineer 3/Technologist 3	8			8	\$ 144.00	\$ 146.00	\$ 148.00	\$ 150.00	\$ 152.00		\$ 1,200		
Luis Soto Maya	Engineer 3/Technologist 3				0	\$ 144.00	\$ 146.00	\$ 148.00	\$ 150.00	\$ 152.00		\$ -		
Rich Morrison	Engineer 3/Technologist 3	8			8	\$ 144.00	\$ 146.00	\$ 148.00	\$ 150.00	\$ 152.00		\$ 1,200		
Abel Valiente	Engineer 4/Technologist 4	40			40	\$ 169.00	\$ 171.00	\$ 173.00	\$ 176.00	\$ 179.00		\$ 7,040		
Beth Trautwein	Engineer 4/Technologist 4				0	\$ 169.00	\$ 171.00	\$ 173.00	\$ 176.00	\$ 179.00		\$ -		
Ted Price	Engineer 4/Technologist 4				0	\$ 169.00	\$ 171.00	\$ 173.00	\$ 176.00	\$ 179.00		\$ -		
Tim Dodge	Engineer 4/Technologist 4	40			40	\$ 169.00	\$ 171.00	\$ 173.00	\$ 176.00	\$ 179.00		\$ 7,040		
Clement Anson	Engineer 5/Technologist 5	32			32	\$ 196.00	\$ 199.00	\$ 202.00	\$ 205.00	\$ 208.00		\$ 6,560		
Marc Goslow	Engineer 5/Technologist 5	68			68	\$ 196.00	\$ 199.00	\$ 202.00	\$ 205.00	\$ 208.00		\$ 13,940		
Tim Ptak	Engineer 5/Technologist 5	120			120	\$ 196.00	\$ 199.00	\$ 202.00	\$ 205.00	\$ 208.00		\$ 24,600		
Jacobs Expenses		1			1							\$ 1,000		
JSEB Sub Expenses Allowance											\$ -	\$ -		
Technician	Design Technician 3	8			8	\$ 117.00	\$ 119.00	\$ 121.00	\$ 123.00	\$ 125.00	\$ 984	\$ 984		
Engineer	Engineer 2/Technologist 2				0	\$ 123.00	\$ 125.00	\$ 127.00	\$ 129.00	\$ 131.00	\$ -	\$ -		
Brian Quarles	Engineer 3/Technologist 3				0	\$ 144.00	\$ 146.00	\$ 148.00	\$ 150.00	\$ 152.00	\$ -	\$ -		
Richard Taylor	Engineer 6/Technologist 6	32			32	\$ 215.00	\$ 218.00	\$ 221.00	\$ 224.00	\$ 227.00	\$ 7,168	\$ 7,168		
Mark Steichen	Engineer 7/Technologist 7				0	\$ 237.00	\$ 241.00	\$ 244.00	\$ 248.00	\$ 252.00	\$ -	\$ -		
Black & Veatch Expenses											\$ -	\$ -		
		0	420	0	420						\$ 8,152	\$ 80,284		
Task 3 Additional Services During Construction					Additional Services During Construction									
Patrick Denning	Design Technician 3	24	16		40	\$ 117.00	\$ 119.00	\$ 121.00	\$ 123.00	\$ 125.00		\$ 4,952		
Jaynelle Pemberton	Engineer 3/Technologist 3	36	78		114	\$ 144.00	\$ 146.00	\$ 148.00	\$ 150.00	\$ 152.00		\$ 17,256		
Tim Loose	Design Technician 4	16	40		56	\$ 159.00	\$ 161.00	\$ 163.00	\$ 165.00	\$ 167.00		\$ 9,320		
Christel Childress	Design Technician 3	16	180		196	\$ 117.00	\$ 119.00	\$ 121.00	\$ 123.00	\$ 125.00		\$ 24,468		
Marc Goslow	Engineer 5/Technologist 5	60	40		100	\$ 196.00	\$ 199.00	\$ 202.00	\$ 205.00	\$ 208.00		\$ 20,620		
Tim Dodge	Engineer 4/Technologist 4	32	24		56	\$ 169.00	\$ 171.00	\$ 173.00	\$ 176.00	\$ 179.00		\$ 9,928		
Rich Morrison	Engineer 3/Technologist 3	16	16		32	\$ 144.00	\$ 146.00	\$ 148.00	\$ 150.00	\$ 152.00		\$ 4,832		
Abel Valiente	Engineer 4/Technologist 4	16	24		40	\$ 169.00	\$ 171.00	\$ 173.00	\$ 176.00	\$ 179.00		\$ 7,112		
Clement Anson	Engineer 5/Technologist 5	24	40		64	\$ 196.00	\$ 199.00	\$ 202.00	\$ 205.00	\$ 208.00		\$ 13,240		
Creig Wilson	Engineer 5/Technologist 5	24	16		40	\$ 196.00	\$ 199.00	\$ 202.00	\$ 205.00	\$ 208.00		\$ 8,248		
Tim Ptak	Engineer 5/Technologist 5	200	140		340	\$ 196.00	\$ 199.00	\$ 202.00	\$ 205.00	\$ 208.00		\$ 70,120		
Donna Henley	Project Assistant	48	104		152	\$ 87.00	\$ 88.00	\$ 89.00	\$ 90.00	\$ 91.00		\$ 13,784		
Jacobs Expenses		5	3									\$ 5,200		
JSEB Sub Expenses Allowance											\$ -	\$ -		
Technician 3	Design Technician 3	8	8		16	\$ 117.00	\$ 119.00	\$ 121.00	\$ 123.00	\$ 125.00	\$ 1,984	\$ 1,984		
Steven Scott	Engineer 3/Technologist 3	0	0		0	\$ 144.00	\$ 146.00	\$ 148.00	\$ 150.00	\$ 152.00	\$ -	\$ -		
Ricardo Vieira	Engineer 7/Technologist 7	20	16		36	\$ 237.00	\$ 241.00	\$ 244.00	\$ 248.00	\$ 252.00	\$ 8,992	\$ 8,992		
Julie Gass	Engineer 5/Technologist 5	40	40		80	\$ 196.00	\$ 199.00	\$ 202.00	\$ 205.00	\$ 208.00	\$ 16,520	\$ 16,520		
Richard Taylor	Engineer 6/Technologist 6	14	14		28	\$ 215.00	\$ 218.00	\$ 221.00	\$ 224.00	\$ 227.00	\$ 6,314	\$ 6,314		
Mark Steichen	Engineer 7/Technologist 7	11	11		22	\$ 237.00	\$ 241.00	\$ 244.00	\$ 248.00	\$ 252.00	\$ 5,500	\$ 5,500		
Black & Veatch Expenses		1.17	1.17								\$ 2,330	\$ 2,330		
		0	605	807	1,412						\$ 41,640	\$ 250,720		
Task 4 2020 Out of Scope Work (B&V)					2020 Out of Scope Work (B&V)									
JSEB Sub Expenses Allowance														
Technician	Design Technician 3	57			57	\$ 117.00	\$ 119.00	\$ 121.00	\$ 123.00	\$ 125.00	\$ 6,897	\$ 6,897		
Senior Technician	Engineer 2/Technologist 2	18			18	\$ 123.00	\$ 125.00	\$ 127.00	\$ 129.00	\$ 131.00	\$ 2,286	\$ 2,286		
Richard Taylor	Engineer 6/Technologist 6	30			30	\$ 215.00	\$ 218.00	\$ 221.00	\$ 224.00	\$ 227.00	\$ 6,630	\$ 6,630		
Mark Steichen	Engineer 7/Technologist 7	58			58	\$ 237.00	\$ 241.00	\$ 244.00	\$ 248.00	\$ 252.00	\$ 14,152	\$ 14,152		
Black & Veatch Expenses											\$ -	\$ -		
		163	0	0	163						\$ 29,965	\$ 29,965		
		502	1,025	807	2,334	Task 1 Subtotals					\$ 110,237	\$ 413,667		
		2020 Hours	2020 Hours	2020 Hours	Total Hours	TOTALS					Subconsultant Expense Total	Jacobs Labor Total		
		502	1,025	807	2,334						\$ 110,237	\$ 297,230		
		502	605	807	TOTAL PROJECT FEE								\$ 413,667	
		2020	2021	2022										
		FY2020	FY2021	FY2022										