

Welcome to the JEA Awards Meeting

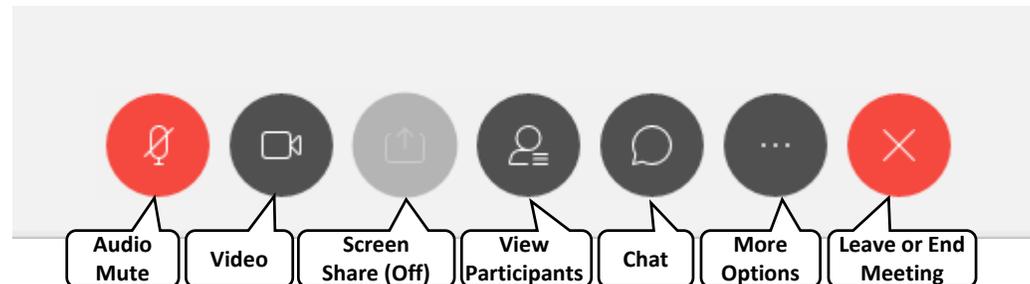
You have been joined to the meeting with your **audio muted** by default.

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 **Lynn Rix** at rixlw@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 10:10 a.m. to be read during the public comment portion of the meeting.

Please contact **Lynn Rix** by telephone at **(904) 665-8621** or by email at rixlw@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, August 13, 2020

TIME: 10:00 A.M.

PLACE: 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 (08/07/2020).
2. Request approval to award and ratify an emergency contract to Unify Health Systems for COVID-19 safety and wellness services in the not-to-exceed amount of \$187,000.00, subject to the availability of lawfully appropriated funds.
3. Request approval to award a change order to J.B. Coxwell Contracting, Inc. for additional construction services related to additional quantities for the Lower Eastside Drainage Improvements in the amount of \$365,185.00, for a new not-to-exceed amount of \$3,012,675.50, subject to the availability of lawfully appropriated funds.
4. Request approval to award a sole source award to WSC Inc. for additional services for the NGS Unit 2 Simulator in the amount of \$59,600.00, subject to the availability of lawfully appropriated funds.
5. **DEFERRED** - Request approval to award a change order to Wharton-Smith, Inc., for the purchase of equipment and installation of the blower system improvements and equipment purchase for the centrifuge project as part of the Buckman Biosolids Conversion Projects in the amount of \$15,888,781.00, for a new not-to-exceed amount of \$16,860,103.00, subject to the availability of lawfully appropriated funds.
6. Request approval to award a change order to Garney Companies Inc., for the purchase of the UV equipment as part of the Southwest Water Reclamation Facility (WRF) Expansion in the amount of \$2,789,909.00, for a new not-to-exceed amount of \$3,494,141.00, subject to the availability of lawfully appropriated funds.
7. 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.
8. 021-20 – Request approval to award a contract to Leidos Engineering, for Distributed Energy Resource Assessment in the amount of \$750,000.00, subject to the availability of lawfully appropriated funds.

Informational Item: 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.

08-13-2020 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 08/07/2020 meeting.
2	Emergency	Hiers	N/A	\$187,000.00	Unify Health Services	Project Completion 12/31/2020	<p><u>Covid-19 Safety and Wellness Services</u> The contract spend details are below:</p> <ul style="list-style-type: none"> • FY20: \$85,000.00 • FY21: \$102,000.00 • NTE: \$187,000.00
3	Change Order	Vu	N/A	\$365,185.00	J. B. Coxwell Contracting, Inc.	Project Completion Expected: 9/2020	<p><u>Lower Eastside Drainage Improvements</u> Change order scope: The contractor found numerous differing site conditions related to the JEA utilities. There were very few as-built drawings for this area and the design was based on Geographic Information System (GIS) data. The majority of this increase is related to the lack of quantities on the bid form related to unsuitable material disposal, removal of existing water main, additional water services, additional fire hydrants to improve fire protection, and removal of existing gravity sewer mains.</p> <p>The spend details are below:</p> <ul style="list-style-type: none"> • FY20: \$365,185.00
4	Sole Source	Erixton	\$59,600.00	\$59,600.00	WSC, Inc.	Project Completion Expected: 9/30/2020	<p><u>NGS Unit 2 Simulator Replacement Project</u> Installation of a replacement simulator at Northside Generating Station.</p> <p>This change order is to add licenses for additional software and customized lessons for the equipment.</p>
5 - Defer	Defer	Defer	Defer	Defer	Defer	Defer	Defer
6	Contract Increase	Vu	\$3,166,057.00	\$2,789,909.00	Garney Companies, Inc.	Project Completion Expected: 1/2024	<p><u>Construction Management-at-Risk (CMAR) Services for the Southwest Water Reclamation Facility (WRF) Expansion</u></p> <p>Scope of this contract increase is for the ultra-violet (UV) disinfection equipment procurement. Design for the UV system is not yet at the 60% design stage, however, due to the long lead-time for UV disinfection equipment JEA requested an early guaranteed maximum price (GMP) for the equipment once the equipment was selected. The installation of the UV equipment will be included in a future GMP amendment once the design has progressed.</p> <p>The contract increase spend details are below:</p> <ul style="list-style-type: none"> • FY21: \$2,789,909.00

08-13-2020 Awards Committee

7	Change Order	Erixton	N/A	\$1,764,500.00	APTIM Environmental & Infrastructure	Project Completion November 2020	<p><u>SJRPP Decommissioning Services</u></p> <p>Continued Decommissioning Management Services and project oversight for the SJRPP Demolition project. 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.</p> <ul style="list-style-type: none"> • FY20 - \$250,000.00 • FY21 - \$900,000.00
8	RFP	Roche	\$750,000.00	\$750,000.00	Leidos Engineering LLC	Five (5) Years, Two (2) – 1 Yr. Renewals	<p><u>Distributed Energy Resources Assessment Provider</u></p> <p>Distribution challenges in integrating DER in the JEA service territory and develop a plan to successfully integrate DER as well as provide electric system wide comprehensive Arc Flash analysis support.</p> <ul style="list-style-type: none"> • FY20 - \$25,000.00 • FY21 - \$150,000.00 • FY22 - \$150,000.00 • FY23 - \$150,000.00 • FY24 - \$150,000.00 • FY25 - \$125,000.00
Total Award				\$			

JEA AWARDS COMMITTEE
August 7, 2020 MEETING MINUTES

The JEA procurement Awards Committee met on August 7, 2020, via WebEx

WebEx Meeting Number (access code): 160 856 3585

WebEx Password: pxP6CqUSt63

Members in attendance were Jenny McCollum as Chairperson, Laure Whitmer as Budget Representative, David Migut as Office of General Counsel Representative; with, Steve Tuten, Joe Orfano, Stephen Datz, Wayne Young, and Alan McElroy as voting Committee Members.

Chair McCollum called the meeting to order at 11:00 a.m., introduced the Awards Committee Members, and confirmed that there was a quorum of the Committee membership present.

Chair McCollum announced that the meeting was being held remotely to slow the spread of the Covid-19 virus and to encourage social distancing and that pursuant to Governor DeSantis' Executive Order 20-69, local governments were allowed to hold public meetings using communications media technology rather than in a physical location. She stated that the JEA Awards Committee meeting was being held by virtual means via WebEx which allows interested persons to view and participate in the meeting remotely. Additionally, Chair McCollum and Landon Todd reviewed the WebEx meeting instructions and how public comment would be received and taken during the meeting.

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:

Chair McCollum verbally presented the Committee Members the proposed July 30, 2020 minutes contained in the board packet.

MOTION: Alan McElroy made a motion to approve the July 30, 2020 minutes (Award Item 1). The motion was seconded by Stephen Datz and approved unanimously by the Awards Committee (5-0).

The Committee Members reviewed and discussed the following Awards Items 2-3 and 5-8:

2. Request approval for a two (2) year contract renewal to Freedom Landscape and Lawn Maintenance, Inc. for Facilities Landscape Maintenance – Open Market services in the amount of \$2,962,709.60, for a not to exceed total of \$4,440,964.40, subject to the availability of lawfully appropriated funds.

MOTION: Steve Tuten made a motion to approve Award Item 2 as presented in the board packet. The motion was seconded by Joe Orfano and approved unanimously by the Awards Committee (5-0).

3. Request approval to award a change order increase of \$192,094.93 and a new seventeen (17) month contract in the amount of \$2,136,413.98 to Verizon Wireless for wireless device usage for a not-to-exceed amount of \$2,328,508.91, subject to the availability of lawfully appropriated funds.

MOTION: Stephen Datz made a motion to approve Award Item 3 as presented in the board packet. The motion was seconded by Wayne Young and approved unanimously by the Awards Committee (5-0).

4. **DEFERRED** - Request approval to award a contract increase to Unify Health Systems for Industrial Performance Program services in the amount of \$168,008.00, for a new not-to-exceed amount of \$560,840.00, subject to the availability of lawfully appropriated funds.
5. Request approval to award a contract increase to England-Thims & Miller Inc. for CEI services for the Beverly Hills offsite force main in the amount of \$197,416.00, for a new not-to-exceed amount of \$1,642,105.00, subject to the availability of lawfully appropriated funds.

MOTION: Alan McElroy made a motion to approve Award Item 5 as presented in the board packet. The motion was seconded by Steve Tuten and approved unanimously by the Awards Committee (5-0).

6. 059-20 – Request approval to award a contract to T B Landmark Construction, Inc. for construction services for the Beverly Hills Offsite Force Main project in the amount of \$2,373,374.49, subject to the availability of lawfully appropriated funds.

MOTION: Joe Orfano made a motion to approve Award Item 6 as presented in the board packet. The motion was seconded by Stephen Datz and approved unanimously by the Awards Committee (5-0).

7. Request approval to award a contract increase to Constantine Engineering Inc. for additional design/engineering and services during construction, for the Buckman – 5301 Buffalo Ave – Class III/IV Pump Station Rehabilitation project in the amount of \$92,176.76, for a new not-to-exceed amount of \$673,601.80, subject to the availability of lawfully appropriated funds.

MOTION: Steve Tuten made a motion to approve Award Item 7 as presented in the board packet. The motion was seconded by Wayne Young and approved unanimously by the Awards Committee (5-0).

8. Request approval of a ratification of spend to Technical Field Services, Inc. for SCADA Field Services for JEA in the amount of \$120,145.14 for a new not-to-exceed amount of 420,145.14, subject to the availability of lawfully appropriated funds.

MOTION: McElroy made a motion to approve Award Item 8 as presented in the board packet. The motion was seconded by Joe Orfano 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 for consideration.

Public Comments:

No additional public comment speaking period was taken.

Adjournment:

Chair McCollum adjourned the meeting at 11:46 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 August 13, 2020

Type of Award Request: EMERGENCY
Requestor Name: Thomas, Paul - Mgr Safety & Health Services
Requestor Phone: (904) 665-4225
Project Title: COVID-19 Safety and Wellness Services
Project Number: 8006316, 8006317, 8006318, 8006319
Project Location: JEA
Funds: O&M
Award Estimate: N/A

Scope of Work:

The purpose of this award is to request approval for emergency safety and wellness services. The company shall provide pre-work temperature checks and COVID-19 questionnaires for crews in the field. The company will also begin an employee screening tracking program that will include monthly reporting and tracking of those screened.

JEA IFB/RFP/State/City/GSA#: N/A
Purchasing Agent: Selders, Elaine L.
Is this a Ratification?: YES

These services began in July when we initially completed an administrative increase to the existing Unify Health Services Industrial Performance Program (IPP) contract. We have reversed the administrative increase for these services under the current contract and pulled out that spend to make this an emergency award. The five-week ratification amount is \$42,500.00.

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
UNIFY HEALTH SERVICES	Kelly Ingram-Mitchell	kelly@unifyhs.com	450-106 State Rd 13 Ste. 147 Jacksonville FL 32259	(904) 635-4638	\$187,000.00

Amount for entire term of Contract/PO: \$187,000.00
Award Amount for remainder of this FY: \$85,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 07/13/2020
End Date (mm/dd/yyyy): Project Completion (December 31, 2020)
JSEB Requirement: N/A - Emergency

Background/Recommendations:

In April of 2020, the safety team asked to amend the contract for our Industrial Performance Program (IPP) contract with Unify Health Services to include temperature screenings and a COVID-19 questionnaire during their regularly scheduled visits at no additional charge. In July of this year, JEA’s needs for COVID-19 services increased and the safety team asked to amend the existing contract and increase the number of visits under the IPP to include pre-work temperature checks and COVID-19 questionnaires for crews in the field. Unify Health



Proposal
COVID Prevention and Testing
For
JEA

July 2, 2020

Submitted by: Kelly Ingram Mitchell
Unify Health Services

<i>Company</i>	JEA
<i>Client's administrator</i>	Mark Patterson and Paul Thomas
<i>Project name</i>	COVID Prevention and Testing Solutions
<i>Engagement duration</i>	TBD
	On or before August 2020

Company Overview and Services

This is intended to provide a company overview and a Statement of Work for COVID-19 Prevention Program Unify Health Services is a national organization that brings a team with over 70 years' experience collectively in prevention, disability and work injury management. President, Kelly Ingram-Mitchell, MPT, CEAS, CWcHP spearheads all clinical programs developed. Her clinical experience spans her greater than 20+ years of field work, capacity testing, employer consulting, functional training and research. She has developed and managed successful IPP programs with employers in a variety of industrial settings.

Our innovative workforce solutions combat employer's rising healthcare and claims costs and promote a safer environment and healthier lifestyle.

- We partner with employers who understand the importance of investing in the longevity and sustainability of their employees. Creating effective pathways between HR, Safety, Risk is our value proposition.
- We provide the key services needed to mitigate risk and injuries for a multigenerational workforce, allowing employers to obtain their highest return on their human capital.

Differentiator: We are the only organization that focuses on both prevention and post-injury solutions. This allows us to provide our partners with customized and tailored programs that not only meet their current needs but evolve along with their organization.

Unify Health Services, LLC offers a variety of services to our clients and are particularly skilled in the following specialties:

Prevention COVID-19 Solutions

- COVID -19 Onsite Management and Conduction of Temperature Screens
- CDC Guided COVID -19 Questionnaire (in conjunction to onsite screening/or website link)
- Employee Tracing
- COVID Testing Management through portal enabling employees to register and employer and employee to securely monitor process and results
- COVID molecular mid turbinate nasal swab testing
- COVID Oral Swab Test Approved by FDA April 2020



- COVID Antibody Venous Draw
- COVID Antibody Finger Prick
- COVID OSHA Consultation

Statement of Work

This is intended to outline the COVID 19 Prevention deliverables, timelines, and program benefits for JEA and their employees.

Goal: COVID-19 Prevention program is specifically designed to prevent exposure and risk , eliminate time away from work and improve the safety of surroundings.

Objective: Our objective is to provide skilled Health Care Professionals to provide all types of COVID - 19 services for JEA. The emphasis on all preventive measures is to perform quality work and constantly deliver a consistent and effective message to employees. Qualified Health Care Professionals can perform through their license all of these COVID prevention solutions to your employee team onsite. Their qualifications offer an additional component which is messaging and delivery of instruction in the event someone has answered yes to a questionnaire or travel or recent exposure to COVID 19 positive. These professionals will ensure that the employee takes all the correct measures to eliminate further exposure and instruct them from a medically qualified platform. Our healthcare team members may include the following that qualify under their Florida Licensure to perform COVID prevention duties : Athletic Trainers, Emergency Medical Technicians, Paramedics, LPN, RN, PA, PTA, PT.

Benefits:

- Implementation decreases exposure and leakage
- Demonstrates management’s commitment to this unusual pandemic
- Prevents long-term absences from the workplace and development of COVID positive population
- Provides a onsite and senior management to provide oversight to the program eliminating internal needs
- Tracks daily checks for future employee tracing needs and requirements
- Provides a portal monitoring system for Test Tracking and Results
- Offers all onsite solutions necessary to manage COVID 19 without inconveniencing employee and or requiring additional efforts from internal management teams

Phase A: Understand Present State of Temperature Checks. Obtaining listing of Roster, stations, foreman and employees. Understanding needs and present capabilities. Creating a Work Manual and Plan for ongoing testing and screening that is most effective.

Ensuring that the appropriate daily logs, weekly trackers, and ongoing shifts are managed and secured including time in and time out for billing.



Phase A1: Working with IPP and Training team to properly manage a temporary solution which will be in effect July 6 2020 until proposal reviewed

Phase B: Reassess above weekly and making continued modifications for improvement. Upon proposal approved (if approved) Begin implementing new team while phasing out temporary team through a first education day, second a shadowing of present assignment and then and final implementation.

Company Name:		Unify Health Services		
Section 1 -				
Item No.	Description	Monthly Price	1 Year Estimated Quantity	Extended Price
1	Onsite Temperature Screening per person \$50.00 per hour (11) minimum with 2 (8) hour substations	\$50.00	139200	
Note	4 hour minimum for temp checks oversight all additional hours will be assumed as part of the UHS management fee	800.00	9600	
2	COVID Questionnaire online \$.25 per test/ Onsite Free with temp check	.25		
3	COVID 19 Antibody Venous Test \$125 per test	\$125.00		



4	COVID 19 Anitbody Finger Prick Testing \$99 per test	\$99.00		
5	COVID 19 Molecular Swab Testing \$175.00 per test	\$175.00		
6	COVID 19 Oral Swab Testing \$195.00 per test	\$195.00		
Section 2 - Additional services and materials as described in Appendix A - Technical Specifications				
Item No.	Description	Unit Price	Estimated Quantity	Extended Price
1	Medical Requisition for testing \$150	\$150.00		
2	Portal Usage for COVID Testing \$100 a month	\$100.00		
3	Shipping for Lab Results TBD may be waived lab dependent \$25-99 per shipment			
Bid Total - Transfer one (1) year total to Appendix B - Response Form				

Kelly Ingram-Mitchell, MPT, CEAS,
 President of Unify Health Services LLC.



Formal Bid and Award System

Award #3 August 13, 2020

Type of Award Request: CHANGE ORDER
Requestor Name: Sulayman, Mickhael
Requestor Phone: (904) 665-8713
Project Title: Lower Eastside Drainage Improvements
Project Number: 8001296-Water / 8001297-Sewer
Project Location: JEA
Funds: Capital
Budget Estimate: N/A

Scope of Work:

This project is a joint project with the City of Jacksonville (COJ) and is for the construction of approximately 9,400 feet of PVC water main ranging in size from 2-inch to 16-inch, as well as, approximately 6,000 feet of PVC gravity sewer ranging in size from 6-inch to 12-inch within the project limits.

JEA IFB/RFP/State/City/GSA#: CP-0042-17
Purchasing Agent: Kruck, Daniel
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
J.B. COXWELL CONTRACTING, INC.	Chris Blank	6741 Lloyd Road West Jacksonville FL 32254	(904) 786-1120	\$365,185.00

Amount of Original Award: \$2,497,490.50
Date of Original Award: 4/6/2017
Change Order Amount: \$365,185.00

List of Previous Change Order/Amendments:

CPA #	Amount	Date	Reason
164267	\$150,000.00	05/14/2020	Changes necessitated by conflicts between the plans and actual field conditions.

New Not-To-Exceed Amount: \$3,012,675.50
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 05/08/2017
End Date (mm/dd/yyyy): Project Completion (September 2020)
JSEB Requirement: 20% of total \$8.4M project (COJ and JEA combined)
Comments on JSEB Requirements:

Donna J. Hamilton –supplies (\$1,500,000.00); DJ Contracting of Jacksonville – hauling (\$175,000.00).

Background/Recommendations:

Originally approved by the Awards Committee on 04/06/2017 in the amount of \$2,497,490.50 to J.B. Coxwell Contracting, Inc. JEA's portion of the work was advertised with and bid in accordance with the COJ's formal bid process. A copy of the original award is attached as backup. A change order was approved in May 2020 to cover changes between the plans and conditions in the field.

J.B. Coxwell was the lowest overall responsible Bidder for the COJ Lower Eastside Drainage Improvements project. The City plans to install a new drainage system and rebuild the roads within the Lower Eastside area. JEA is responsible for the relocation of approximately 9,400 feet of PVC water main ranging in size from 2-inch to 16-inch, as well as, 6,000 feet of PVC gravity sewer ranging in size from 6-inch to 12-inch will be installed. All existing water mains will be grout filled or removed and all gravity sewer mains will be removed within the project limits.

JEA's existing utilities within the project limits date back prior to the 1950s and are near the end of their service life. COJ's proposed storm sewer lines will result in numerous conflicts with the existing utility lines. Construction of the City's storm sewer lines require deep excavation and reconstruction of the roadway and this project provides an opportunity to replace these aging utility lines without having a large expense related to roadway reconstruction and repaving.

As construction progressed, the contractor found numerous differing site conditions related to the JEA utilities. There were very few as-built drawings for this area and the design was based on Geographic Information System (GIS) data. The majority of this increase is related to the lack of quantities on the bid form related to unsuitable material disposal, removal of existing water main, additional water services, additional fire hydrants to improve fire protection, and removal of existing gravity sewer mains. These items account for approximately 72% of the contract increase. Typically, JEA's water mains and sewer mains would be grout-filled to be placed out of service when new ones are installed, however, because the COJ was installing new storm sewers, these pipes had to be removed so the storm sewer could be installed to relieve neighborhood flooding. A copy of the change order quote is attached as backup.

Request approval to award a change order to J.B. Coxwell Contracting, Inc. for additional construction services related to additional quantities for the Lower Eastside Drainage Improvements in the amount of \$365,185.00, for a new not-to-exceed amount of \$3,012,675.50, subject to the availability of lawfully appropriated funds.

Director: Conner, Sean M. – Dir W/WW Project Engineering & Construction

Chief: Vu, Hai X. – Interim GM Water Wastewater Systems

APPROVALS:

Chairman, Awards Committee

Date

Budget Representative

Date



CPA 164267

Approved by JEA Bid Awards Committee

Date 4/6/17 Item # 6

Formal Bid and Award System

Award #6 April 6, 2017

Type of Award Request: CITY BID
Request #: 1882
Requestor Name: McDowell, M. Wayne
Requestor Phone: (904) 665-8054
Project Title: Lower Eastside Drainage Improvements
Project Number: 8001296-Water/ 8001297-Sewer
Project Location: JEA
Funds: Capital
Award Estimate: \$3,017,857.00

Scope of Work:

This is for the construction of approximately 9,400 feet of PVC watermain ranging in size from 2-inch to 16-inch, as well as, approximately 6,000 feet of PVC gravity sewer ranging in size from 6-inch to 12-inch within the project limits.

JEA IFB/RFP/State/City/GSA#: CP-0042-17
Purchasing Agent: Kruck, Daniel
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Address	Phone	Amount
J.B. COXWELL CONTRACTING, INC.	Chris Blank	6741 Lloyd Road West Jacksonville FL 32254	(904) 786-1120	\$2,497,490.50

164267

Amount for entire term of Contract/PO: \$2,497,490.50
Award Amount for remainder of this FY: \$580,000.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 05/08/2017
End Date (mm/dd/yyyy): Project Completion
JSEB Requirement: 20% of total \$8.4M project

Comments on JSEB Requirements:

Donna J. Hamilton –supplies (\$1.5M); DJ Contracting of Jacksonville – hauling (\$175K).

BIDDERS:

Name	JEA Amount	City Amount
J.B. COXWELL CONTRACTION, INC	\$2,497,490.50	\$5,915,603.87
UNITED BROTHERS DEVELOPMENT CORP	\$2,996,286.66	\$6,288,599.35
PETTICOAT SCHMITT CIVIL CONTRACTORS INC	\$2,703,560.26	\$6,769,635.50
WATSON CIVIL CONSTRUCTION, INC.	\$5,151,428.40	\$7,571,719.55

Background/Recommendations:

JEA's portion of the work was advertised with and bid in accordance with the COJ's formal bid process. A copy of the low bid is attached as back-up.

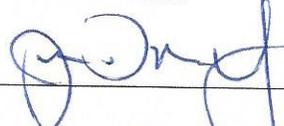
J.B. Coxwell is the overall lowest responsible bidder for the COJ Lower Eastside Drainage Improvements project. The City plans to install a new drainage system and rebuild the roads within the Lower Eastside area. JEA is responsible for the relocation of existing utilities work of approximately 9,400 feet of PVC watermain ranging in size from 2-inch to 16-inch, as well as, 6,000 feet of PVC gravity sewer ranging in size from 6-inch to 12-inch will be installed. All existing water mains will be grout filled or removed and all gravity sewer mains will be removed within the project limits.

JEA's existing utilities within the project limits date back to 1975 and are near the end of their service life, and COJ's proposed storm drainage lines will result in numerous conflicts with the existing utility lines. Since construction of the City's storm drainage lines will require deep excavation and reconstruction of the roadway, this project will provide an economical opportunity to replace these aging utility lines.

Request approval to award a contract to J.B. Coxwell Contracting, Inc. for a joint project with COJ for JEA's relocation work for the construction of approximately 9,400 feet of PVC watermain and gravity sewer, in the amount of \$2,497,490.50, 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 4-6-17
Date



Manager, Capital Budget Planning 7/6/17
Date

Lower Eastside Drainage Improvements Phase 3
SECTION 3
PROPOSAL

PROJECT NO. PW2011-0006

BID NO.: CP-0042-17

BID DATE: ~~12/14/2016~~

11/1/2017 *H7C*

TO: THE CITY OF JACKSONVILLE, FLORIDA

FROM: J. B. Coxwell Contracting, Inc.

In accordance with the Invitation to Bid to construct Lower Eastside Drainage Improvements Phase 3 for the City of Jacksonville, Florida, subject to the Drawings, Specifications, Standard Specifications and Details, Addenda thereto, if any, all of which are made a part of this Proposal, the undersigned proposes to construct the Lower Eastside Drainage Improvements Phase 3 for the Total Base Bid as follows:

PART A

TOTAL Lower Eastside Drainage Improvements Phase 3, City of Jacksonville

\$ 5,915,603.87 (Numerals)

Five Million Nine Hundred Fifteen Thousand Six Hundred Three Dollars and Eighty Seven Cents (Written)

PART B

TOTAL Lower Eastside Drainage Improvements Phase 3, JEA

\$ 2,497,490.50 (Numerals)

Two Million Four Hundred Ninety Seven Thousand Four Hundred Ninety Dollars and Fifty Cents (Written)

TOTAL BASE BID (PART A + PART B)

\$ 8,413,094.37 (Numerals)

Eight Million Four Hundred Thirteen Thousand Ninety Four Dollars and Thirty Seven Cents (Written)

A. PROPOSAL SCHEDULE

A Bidder must provide a price on each item listed within each Part. All entries in the entire Proposal must be made clearly in ink. Prices bid must be written in figures. Bidder must insert extended prices obtained by multiplying the proposed quantities times the unit prices. In case of errors, unit prices will govern. The corrected extended prices and corrected Base Bid will be used to determine the lowest qualified Bid. Proposals in which the prices obviously are unbalanced will be rejected.

Lower Eastside Drainage Improvements - Phase 3- Addendum 7

Item No.	Item Description	Units	Estimated Qty	Unit Price	Total Price
PART A - ROADWAY AND DRAINAGE IMPROVEMENTS					
1	MOBILIZATION (66% OF TOTAL COST)	LS	1	\$690,420.00	\$690,420.00
2	SITE PREPARATION (66% OF TOTAL COST)	LS	1	\$284,566.00	\$284,566.00
3	MAINTENANCE OF TRAFFIC (66% OF TOTAL COST)	LS	1	\$215,945.00	\$215,945.00
4	AS-BUILT DRAWINGS	LS	1	\$35,400.00	\$35,400.00
5	EROSION CONTROL & POLLUTION ABATEMENT	LS	1	\$75,250.00	\$75,250.00
6	PROJECT SIGN	EA	2	\$1,400.00	\$2,800.00
7	MAILBOX (CONTINGENCY)	EA	25	\$180.00	\$4,500.00
8	REGULAR EXCAVATION & FILL	LS	1	\$347,800.00	\$347,800.00
9	OVEREXCAVATION (CONTINGENCY)	CY	3,000	\$4.00	\$12,000.00
10	HAULING & DISPOSAL OF UNSUITABLE MATERIAL (CONTINGENCY)	CY	3,000	\$15.00	\$45,000.00
11	A-3 SAND (CONTINGENCY)	CY	3,000	\$12.00	\$36,000.00
12	HAZARDOUS MATERIAL STABILIZATION (CONTINGENCY)	TN	1,500	\$265.00	\$397,500.00
13	SOIL ANALYTICAL TESTING	EA	40	\$420.00	\$16,800.00
14	SOIL ANALYTICAL TCLP TESTING (CONTINGENCY)	EA	25	\$315.00	\$7,875.00
15	SUBGRADE, 12" STABILIZED	SY	26,394	\$8.30	\$219,070.20
16	8" LIMESTONE BASE	SY	21,439	\$14.00	\$300,146.00
17	ASPHALTIC CONCRETE BASE, TYPE B-12.5, 5" THICK	SY	1,893	\$42.79	\$81,001.47
18	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B)	TN	3,032	\$105.00	\$318,360.00
19	CURB & GUTTER - CITY STANDARD	LF	13,142	\$15.00	\$197,130.00
20	DROP CURB, CITY STANDARD	LF	368	\$11.00	\$4,048.00
21	HEADER CURB	LF	487	\$20.00	\$9,740.00
22	SIDEWALK, CONCRETE (4")	SY	2,130	\$48.00	\$102,240.00
23	DRIVEWAY, CONCRETE (5")	SY	2,116	\$53.00	\$112,148.00
24	CONCRETE PAD (6")	SY	33	\$85.00	\$2,805.00
25	FENCE RELOCATION AND REINSTALLATION	LF	124	\$20.00	\$2,480.00
26	NEW FENCING (6' CLF - CONTINGENCY)	LF	124	\$30.00	\$3,720.00
27	SIGNS, SINGLE POST, LESS THAN 12 SF, REMOVE & REPLACE	EA	48	\$255.00	\$12,240.00
28	PAINTED PAVEMENT MARKINGS, WHITE, SOLID, 6 INCH	LF	75	\$0.32	\$24.00
29	PAINTED PAVEMENT MARKINGS, WHITE, SOLID, 12 INCH	LF	403	\$1.58	\$636.74
30	PAINTED PAVEMENT MARKINGS, WHITE, SOLID, 24 INCH	LF	75	\$3.15	\$236.25
31	PAINTED PAVEMENT MARKINGS, YELLOW SOLID, 6 INCH	LF	906	\$0.32	\$289.92
32	PAINTED PAVEMENT MARKINGS, TURN ARROWS	EA	2	\$42.00	\$84.00
33	THERMOPLASTIC PAVEMENT MARKINGS, WHITE, SOLID, 6 INCH	LF	75	\$1.58	\$118.50
34	THERMOPLASTIC PAVEMENT MARKINGS, WHITE, SOLID, 12 INCH	LF	403	\$3.68	\$1,483.04
35	THERMOPLASTIC PAVEMENT MARKINGS, WHITE, SOLID, 24 INCH	LF	75	\$7.35	\$551.25
36	THERMOPLASTIC PAVEMENT MARKINGS, YELLOW, SOLID, 6 INCH	LF	906	\$1.58	\$1,431.48
37	THERMOPLASTIC PAVEMENT MARKINGS, TURN ARROWS	EA	2	\$105.00	\$210.00
38	COJ MANHOLE J-1 (<10')	EA	5	\$3,215.00	\$16,075.00
39	COJ MANHOLE J-1-A (<10')	EA	5	\$2,210.00	\$11,050.00
40	COJ MANHOLE J-1-B (<10')	EA	3	\$7,675.00	\$23,025.00
41	COJ MANHOLE J-1-C (<10')	EA	3	\$8,940.00	\$26,820.00
42	COJ MANHOLE J-1-D (>10')	EA	2	\$11,350.00	\$22,700.00
43	COJ MANHOLE J-2 (<10') W/ 8' x 7' BOTTOM	EA	1	\$15,330.00	\$15,330.00
44	COJ MANHOLE J-2 (>10') W/ 7' x 6' BOTTOM	EA	1	\$13,175.00	\$13,175.00
45	COJ SINGLE CURB INLET D-201 (<10')	EA	50	\$3,575.00	\$178,750.00
46	COJ SINGLE CURB INLET D-201 (>10')	EA	1	\$5,110.00	\$5,110.00
47	COJ SINGLE CURB INLET D-201 (<10') W/ 3' x 5' BOTTOM	EA	3	\$6,900.00	\$20,700.00
48	COJ SINGLE CURB INLET D-201 (<10') W/ 3' x 6' BOTTOM	EA	6	\$7,610.00	\$45,660.00
49	COJ SINGLE CURB INLET D-203 (<10')	EA	5	\$5,710.00	\$28,550.00
50	COJ SINGLE CURB INLET D-201 (>10') W/ 3' x 7' BOTTOM	EA	10	\$10,185.00	\$101,850.00
51	COJ SINGLE CURB INLET D-201 (>10') W/ 3' x 8' BOTTOM	EA	4	\$10,975.00	\$43,900.00
52	FDOT CURB INLET, TYPE 2 (<10')	EA	2	\$7,595.00	\$15,190.00
53	FDOT CURB INLET, TYPE 5 (<10')	EA	1	\$4,875.00	\$4,875.00
54	COJ DITCH BOTTOM INLET D-207 "C" (>10')	EA	1	\$2,685.00	\$2,685.00
55	PIPE CULVERT, RCP, 15"	LF	828	\$55.00	\$45,540.00
56	PIPE CULVERT, RCP, 18"	LF	475	\$58.00	\$27,550.00
57	PIPE CULVERT, RCP, 24"	LF	1,557	\$77.00	\$119,889.00
58	PIPE CULVERT, RCP, 36"	LF	1,378	\$124.00	\$170,872.00
59	PIPE CULVERT, RCP, 42"	LF	880	\$150.00	\$132,000.00
60	PIPE CULVERT, RCP, 48"	LF	757	\$174.00	\$131,718.00
61	PIPE CULVERT, RCP, 54"	LF	707	\$222.00	\$156,954.00
62	PIPE CULVERT, RCP, 60"	LF	167	\$269.00	\$44,923.00
63	PIPE CULVERT, RCP, 66"	LF	1,278	\$325.00	\$415,350.00
64	PIPE CULVERT, RCP, 72"	LF	1,282	\$345.00	\$442,290.00
65	PIPE FILLING AND PLUGGING	CY	102	\$176.00	\$17,952.00
66	RECHARGE TRENCH EXCAVATION/MONITORING/MAINTENANCE	CY	3,027	\$4.30	\$13,016.10
67	PIEZOMETERS	EA	24	\$365.00	\$8,760.00
68	RECHARGE TRENCH AUGMENTATION VIA JEA WATER SYSTEM (CONTINGENCY)	1000 GAL	3,600	\$1.48	\$5,328.00
69	COJ CONFLICT MANHOLE J-1-A (<10') - (50% OF TOTAL COST)	EA	1	\$2,750.00	\$2,750.00
70	COJ CONFLICT MANHOLE J-1-B (>10') - (50% OF TOTAL COST)	EA	1	\$3,770.00	\$3,770.00
71	COJ CONFLICT MANHOLE J-1-B (>10') - (50% OF TOTAL COST)	EA	1	\$4,150.00	\$4,150.00
72	COJ CONFLICT MANHOLE J-1-D (>10') - (50% OF TOTAL COST)	EA	4	\$6,350.00	\$25,400.00
73	SODDING	SY	6,397	\$2.36	\$15,096.92
TOTAL PART A - ROADWAY AND DRAINAGE IMPROVEMENTS					\$5,915,603.87

Lower Eastside Drainage Improvements - Phase 3					
Item No.	Item Description	Units	Estimated Qty	Unit Price	Total Price
PART B1 - GENERAL					
1	MOBILIZATION (34% OF TOTAL COST)	LS	1	\$355,670.00	\$355,670.00
2	SITE PREPARATION (34% OF TOTAL COST)	LS	1	\$146,595.00	\$146,595.00
3	MAINTENANCE OF TRAFFIC (34% OF TOTAL COST)	LS	1	\$111,245.00	\$111,245.00
4	OVEREXCAVATION (CONTINGENCY)	CY	1,500	\$4.00	\$6,000.00
5	HAULING & DISPOSAL OF UNSUITABLE MATERIAL (CONTINGENCY)	CY	1,500	\$15.00	\$22,500.00
6	A-3 SAND (CONTINGENCY)	CY	1,500	\$12.00	\$18,000.00
7	UTILITY POLE HOLDING (CONTINGENCY)	ED	80	\$1,575.00	\$126,000.00
SUBTOTAL - GENERAL					\$786,010.00
Lower Eastside Drainage Improvements - Phase 3					
Item No.	Item Description	Units	Estimated Qty	Unit Price	Total Price
PART B2 - WATER IMPROVEMENTS					
1	AS-BUILT DRAWINGS	LS	1	\$22,900.00	\$22,900.00
2	GROUT FILL EXISTING WATER LINE (ALL DIAMETERS)	LF	9,409	\$3.50	\$32,931.50
3	REMOVE EXISTING WATER LINE (ALL DIAMETERS)	LF	3,000	\$7.40	\$22,200.00
4	WATER MAIN, PVC, 2"	LF	129	\$17.00	\$2,193.00
5	WATER MAIN, PVC, 6"	LF	1,754	\$36.00	\$63,144.00
6	WATER MAIN, PVC, 8"	LF	1,518	\$39.00	\$59,202.00
7	WATER MAIN, PVC, 10"	LF	229	\$50.00	\$11,450.00
8	WATER MAIN, PVC, 12"	LF	5,563	\$42.00	\$233,646.00
9	WATER MAIN, PVC, 16"	LF	216	\$55.00	\$11,880.00
10	CONNECT TO EXISTING WM, 2"	EA	10	\$60.00	\$600.00
11	CONNECT TO EXISTING WM, 4"	EA	1	\$365.00	\$365.00
12	CONNECT TO EXISTING WM, 6"	EA	6	\$370.00	\$2,220.00
13	CONNECT TO EXISTING WM, 8"	EA	1	\$425.00	\$425.00
14	CONNECT TO EXISTING WM, 10"	EA	3	\$625.00	\$1,875.00
15	CONNECT TO EXISTING WM, 12"	EA	5	\$675.00	\$3,375.00
16	CONNECT TO EXISTING WM, 16"	EA	3	\$1,100.00	\$3,300.00
17	WATER SERVICE	EA	125	\$780.00	\$97,500.00
18	WATER METER BOX (CONTINGENCY)	EA	65	\$200.00	\$13,000.00
19	CAP - 6"	EA	1	\$155.00	\$155.00
20	CAP - 8"	EA	3	\$200.00	\$600.00
21	CAP - 12"	EA	3	\$350.00	\$1,050.00
22	TEE - 6"x6"	EA	4	\$450.00	\$1,800.00
23	TEE - 8"x6"	EA	3	\$485.00	\$1,455.00
24	TEE - 10"x6"	EA	2	\$675.00	\$1,350.00
25	TEE - 12"x6"	EA	9	\$825.00	\$7,425.00
26	TEE - 12"x8"	EA	1	\$875.00	\$875.00
27	TEE - 12"x10"	EA	1	\$885.00	\$885.00
28	TEE - 12"x12"	EA	6	\$900.00	\$5,400.00
29	TEE - 16"x6"	EA	3	\$1,225.00	\$3,675.00
30	TEE - 16"x12"	EA	2	\$1,350.00	\$2,700.00
31	TEE - 16"x10"x8"	EA	1	\$4,000.00	\$4,000.00
32	SERVICE SADDLE - 8"x2"	EA	2	\$510.00	\$1,020.00
33	SERVICE SADDLE - 12"x2"	EA	3	\$800.00	\$2,400.00
34	TAPPING SADDLE - 12"x8"	EA	1	\$3,200.00	\$3,200.00
35	GATE VALVE - 2"	EA	5	\$350.00	\$1,750.00
36	GATE VALVE - 6"	EA	20	\$1,000.00	\$20,000.00
37	GATE VALVE - 8"	EA	8	\$1,050.00	\$8,400.00
38	GATE VALVE - 10"	EA	3	\$1,530.00	\$4,590.00
39	GATE VALVE - 12"	EA	20	\$2,200.00	\$44,000.00
40	GATE VALVE - 16"	EA	2	\$5,250.00	\$10,500.00
41	FIRE HYDRANT	EA	7	\$2,975.00	\$20,825.00
42	RESTRAINTS - 16"	EA	3	\$600.00	\$1,800.00
43	RESTRAINTS - 12"	EA	224	\$330.00	\$73,920.00
44	RESTRAINTS - 10"	EA	11	\$275.00	\$3,025.00
45	RESTRAINTS - 6"	EA	69	\$190.00	\$13,110.00
46	RESTRAINTS - 8"	EA	68	\$210.00	\$14,280.00
47	REDUCER - 12"x10"	EA	2	\$535.00	\$1,070.00
48	REDUCER - 6"x2"	EA	2	\$165.00	\$330.00
49	REDUCER - 8"x6"	EA	1	\$300.00	\$300.00
50	REDUCER - 8"x4"	EA	1	\$290.00	\$290.00
51	BEND - 45"x2"	EA	6	\$21.00	\$126.00
52	BEND - 45"x6"	EA	29	\$275.00	\$7,975.00
53	BEND - 45"x8"	EA	7	\$335.00	\$2,345.00
54	BEND - 45"x10"	EA	2	\$475.00	\$950.00
55	BEND - 45"x12"	EA	126	\$500.00	\$63,000.00
56	BEND - 45"x16"	EA	8	\$990.00	\$7,920.00
57	BEND - 90"x6"	EA	1	\$350.00	\$350.00
58	BEND - 90"x12"	EA	2	\$595.00	\$1,190.00
59	TEMPORARY SAMPLE POINTS	EA	20	\$250.00	\$5,000.00
60	TESTING ALLOWANCE	LS	1	\$10,000.00	\$10,000.00
SUBTOTAL - WATER					\$937,242.50
61	SWA (5% OF SUBTOTAL)				\$46,860.00
TOTAL - WATER					\$984,102.50

Lower Eastside Drainage Improvements - Phase 3					
Item No.	Item Description	Units	Estimated Qty	Unit Price	Total Price
PART B3 - SANITARY SEWER IMPROVEMENTS					
1	REMOVE EXISTING GRAVITY SANITARY SEWER LINE (ALL DIAMETERS)	LF	5,977	\$20.00	\$119,540.00
2	SANITARY GRAVITY, PVC, 6"	LF	35	\$58.00	\$2,030.00
3	SANITARY GRAVITY, PVC, 8"	LF	3,312	\$41.50	\$137,448.00
4	SANITARY GRAVITY, PVC, 10"	LF	1,380	\$60.50	\$83,490.00
5	SANITARY GRAVITY, PVC, 12"	LF	1,250	\$64.00	\$80,000.00
6	SANITARY SERVICE	EA	129	\$815.00	\$105,135.00
7	JEA MANHOLE, TYPE A (4'-6" DEPTH)	EA	13	\$3,525.00	\$45,825.00
8	JEA MANHOLE, TYPE A (6'-8" DEPTH)	EA	12	\$4,700.00	\$56,400.00
9	JEA MANHOLE, TYPE D (6'-8" DEPTH)	EA	1	\$5,310.00	\$5,310.00
10	COJ CONFLICT MANHOLE J-1-A (<10') - (50% OF TOTAL COST)	EA	1	\$2,750.00	\$2,750.00
11	COJ CONFLICT MANHOLE J-1-B (<10') - (50% OF TOTAL COST)	EA	1	\$3,770.00	\$3,770.00
12	COJ CONFLICT MANHOLE J-1-B (>10') - (50% OF TOTAL COST)	EA	1	\$4,150.00	\$4,150.00
13	COJ CONFLICT MANHOLE J-1-D (>10') - (50% OF TOTAL COST)	EA	4	\$6,350.00	\$25,400.00
14	AS-BUILT DRAWINGS	LS	1	\$11,500.00	\$11,500.00
15	TESTING ALLOWANCE	LS	1	\$10,000.00	\$10,000.00
SUBTOTAL - SEWER					\$692,748.00
16	SWA (5% OF SUBTOTAL)				\$34,630.00
TOTAL - SEWER					\$727,378.00
TOTAL PART B - GENERAL, WATER & SANITARY SEWER IMPROVEMENTS (JEA)					\$2,497,490.50

Certificate For Payment -- Overage Quantites Summary Sheet

Lower Eastside Drainage PH3

Date: 7/2/2020

JEA PO No. 165152

Item Number	Description	Unit Price	Contract Quantity	Unit of Measure	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Total Quant	Overage Amount
0780	Haul/Disp Unsuitable Matl	\$ 15.00	1500	CY	1270	829	32			4500											6631	\$ 99,465
0830	Rem Exist WM	\$ 7.40	3000	LF			134	604		744	99	1080	1014	15	272	1166	114	65	568	114	5989	\$ 44,319
0840	2in PVC Watermain	\$ 17.00	129	LF	371		86	108		42											607	\$ 10,319
0850	6in PVC Watermain	\$ 36.00	1754	LF																	147	\$ 5,292
0900	Conn to Exist WM 2in	\$ 60.00	10	EA						1			2								3	\$ 180
0910	Conn to Exist WM 4in	\$ 365.00	1	EA														2			2	\$ 730
0920	Conn to Exist WM 6in	\$ 370.00	6	EA						2	3				1	4		1	1		12	\$ 4,440
0930	Conn to Exist WM 8in	\$ 425.00	1	EA														1			1	\$ 425
0940	Conn to Exist WM 10in	\$ 625.00	3	EA															1		1	\$ 625
0950	Conn to Exist WM 12in	\$ 675.00	5	EA		3											1				4	\$ 2,700
0970	Water Service	\$ 780.00	125	EA			20	2				3	8	19	6		1	1	1	1	67	\$ 52,260
0990	6in Cap	\$ 155.00	1	EA				4		1	3	1				1			1		11	\$ 1,705
1000	8in Cap	\$ 200.00	3	EA		1									1			1	1		4	\$ 800
1010	12in Cap	\$ 350.00	3	EA			1	2			1						1				5	\$ 1,750
1020	6X6 Tee	\$ 450.00	4	EA		2													1		3	\$ 1,350
1050	12X6 Tee	\$ 825.00	9	EA						1	2	1			1		1				6	\$ 4,950
1080	12X12 Tee	\$ 900.00	6	EA													1				1	\$ 900
1120	8X2 Service Saddle	\$ 510.00	2	EA																2	2	\$ 1,020
1130	12X2 Service Saddle	\$ 800.00	3	EA			2	2										1			5	\$ 4,000
1150	2in Gate Valve	\$ 350.00	5	EA				6					1	1							8	\$ 2,800
1160	6in Gate Valve	\$ 1,000.00	20	EA								1				1	1		1	1	5	\$ 5,000
1190	12in Gate Valve	\$ 2,200.00	20	EA												1	3				4	\$ 8,800
1210	Fire Hydrant	\$ 2,975.00	7	EA											1	1	1		1		4	\$ 11,900
1230	12in Restraints	\$ 330.00	224	EA													2				2	\$ 660
1250	6in Restraints	\$ 190.00	69	EA																9	9	\$ 1,710
1270	12X10 Reducer	\$ 535.00	2	EA				1										2			3	\$ 1,605
1290	8X6 Reducer	\$ 300.00	1	EA												2					2	\$ 600
1320	6in 45 Bend	\$ 275.00	29	EA											3	7		6	2		18	\$ 4,950
1330	8in 45 Bend	\$ 335.00	7	EA											3	4					7	\$ 2,345
1350	12in 45 Bend	\$ 500.00	126	EA														1	1		2	\$ 1,000
1370	6in 45 Bend	\$ 350.00	1	EA											2	2		2			6	\$ 2,100
1390	Temporary Sample Points	\$ 250.00	20	EA				6		2	6	2	2		2	6	3	3			32	\$ 8,000
1420	Rem Exist Grav Sewer	\$ 20.00	5977	LF								701	886	25	126	184	226	270	342		2760	\$ 55,200
1430	6in PVC Gravity Sewer	\$ 58.00	35	LF				5					25								30	\$ 1,740
1440	8in PVC Gravity Sewer	\$ 41.50	3312	LF									44			22	70	12	77		225	\$ 9,338
1460	12in PVC Gravity Sewer	\$ 64.00	1250	LF								55									55	\$ 3,520
1565	Pipe fill/Plugging COJ Rate	\$ 176.00	102	CY											38						38	\$ 6,688
Total Overage																						\$ 365,185



Formal Bid and Award System

Award #4 August 13, 2020

Type of Award Request: SOLE SOURCE
Requestor Name: Theron Colbert
Requestor Phone: (904) 665-7628
Project Title: NGS Unit 2 Simulator Replacement Project
Project Number: 8005302
Project Location: JEA
Funds: Capital
Budget Estimate: \$59,600.00

Scope of Work:

The purpose of this Invitation to Negotiate (the "ITN") is to evaluate and select a Supplier that provide JEA with a turnkey replacement simulator for JEA’s N02 Circulating Fluidized Boiler at Northside Generating Station (the "Work" or "Services").

The scope of the services includes the engineering, modeling, purchase, supply and installation of simulator equipment, including all software, programming and integration for the Northside Unit 2 CFB boiler, steam turbine and generator. The Company shall:

- Provide simulator hardware, and software for an operator workstation, instructor workstation, ABB Symphony Plus (ABB S+) simulator and plant simulator
- Provide model development using data and information provided by JEA and reviewed by the successful bidder for accuracy and compatibility with their work
- Ensure that the simulator is capable of performing all tasks as defined by this specification
- Ensure that the simulator meets all performance criteria as defined by this specification
- Provide simulator documentation as defined by this specification
- Perform Inspection and Testing as defined by this specification
- Provide simulator training to JEA personnel as described by this specification

JEA IFB/RFP/State/City/GSA#: 076-19
CPA#: 185796
Purchasing Agent: Lovgren, Rodney
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
WSC INC.	Don Utley	utley@ws-corp.com	2341 Deerfield Drive	(301) 664-2524	\$59,600.00

Amount for entire term of Contract/PO: \$59,600.00
Award Amount for remainder of this FY: \$59,600.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 8/15/2020
End Date (mm/dd/yyyy): Project Completion (September 30, 2020)
JSEB Requirement: N/A – Sole Source

Background/Recommendations:

The original award was approved by Awards Committee on 10/17/2019 in the amount of \$496,100.00 to WSC Inc. A copy of the original award is attached as backup.

This award request is sole sourced to WSC Inc. on the basis of WSC being the awardee for the original scope of work as the result of a competitive solicitation, and WSC is the only provider that can efficiently and effectively perform the additional scope of work to provide additional licenses, training and lessons beyond the original scope. This additional scope will be implemented through a change order as this is adding to the scope of supply to be provided prior to project completion.

This award includes the following:

- o A 3KEYITS license for the Northside Simulator - \$15,000.00
- o Specific Northside Lessons (simulations for placing various equipment in operation) - \$35,000.00
- o 3 – Day ITS Training course on-site - \$9,600.00

Request approval to award a sole source award to WSC Inc. for additional services for the NGS Unit 2 Simulator in the amount of \$59,600.00, subject to the availability of lawfully appropriated funds.

- Manager:** Akrayi, Jamila R. - Mgr Project Management
- Director:** Limbaugh, Margaret Z. - Dir Energy Project Management
- Sr. Director:** Acs, Gabor – Sr. Dir Engineering & Projects
- Chief:** Erixton, Ricky D. - Interim General Manager Electric Systems

APPROVALS:

Chairman, Awards Committee **Date**

Budget Representative **Date**



7196 Crestwood Blvd., Suite 300
Frederick, MD 21703
Phone: 301-644-2500 Fax: 301-682-8104

July 30, 2020

Theron C. Colbert
Electric Systems Engineer
Electric Production Project Management
JEA - Northside Generating Station

Subject: JEA Northside Simulator – 3KEYITS License, Lessons and Training Change Order Proposal

Dear Mr. Colbert,

WSC is pleased to offer JEA this change order proposal to provide for the Northside Simulator our 3KEYITS Intelligent Tutoring System (ITS) License, a set of lessons (up to 1 hour of lesson time), and an on-site 3-day 3KEYITS Training course.

3KEYITS supplements simulator training of station operators through automated lessons (instructorless training) that help familiarize students with both the use of the DCS and day-to-day plant operations/evolutions. The 3-Day ITS training course will be provided at the Northside site to prepare instructors for development of additional lessons as desired.

WSC will provide the following:

1. 3KEYITS License for the JEA Northside Simulator (attached is a short overview of 3KEYITS).
2. JEA Northside Lessons that cover up to 1 hour of lesson time and may include the following evolutions:
 - Placing the BFPs in Auto during a start-up
 - Steams Seals-Placing in Service
 - Boiler Pressure 150 psi & DEA level
 - SH Protection
 - Turbine Pre Warming
 - Admitting Solid Fuel
 - Stabilizing Unit @ 30 MW
3. 3-Day ITS Training Course On-Site at JEA Northside:
 - a. Covers using the ITS with focus on how to create and develop ITS lessons, including how to incorporate all of the various ITS features/capabilities.
 - b. The training will be conducted by a WSC Engineer experienced with ITS lesson development.
 - c. A training course outline is provided below for review, which can be tailored to ensure the training needs of JEA will be met.

WSC will prioritize completing the first 4 lessons listed. If additional lesson time is available, more lessons can be created.

3KEYITS Training Outline (Presentations Topics / Hands-On Practice):

- ✓ ITS Structure Overview
- ✓ ITS Objects and their uses
- ✓ Lesson Development Methodology
- ✓ Lesson Editing Hands-on exercise and Hands-on Lesson Development, including:
 - Creating Templates for Messages & Advice
 - Capturing HMI Screens
 - Embedding files/media into lessons such as Video, PDFs, Images, and PowerPoints

Price:

WSC's pricing for the 3KEYITS License, Lessons, and training is provided in the table below:

Item	Price
3KEYITS License	\$15,000
JEA Northside 3KEYITS Lesson Development (<i>up to 1 Hour of Lesson Time</i>) Additional Lessons can be developed for \$17,500 per 30 Minutes of Lesson Time	\$35,000
3KEYITS 3-Day On-Site Training Course	\$9,600
Total	\$59,600

Payments:

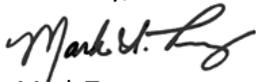
WSC proposes full payment for each item upon delivery of that item.

Assumptions:

1. 3KEYITS Work will be processed as a change order to Purchase Order #186310 with the same T&Cs.
2. JEA will provide data, procedures, etc. and operator expertise/advise to support Lesson development.

WSC appreciates the opportunity to provide JEA with this proposal and looks forward to your feedback. If you have any questions or need additional information, please feel free to contact the undersigned or Mr. Mladen Udbinac at (240) 344-6055 | udbinacm@ws-corp.com.

Sincerely,



Mark Terry

WSC, Sales Manager

(301) 401-3936 | terrym@ws-corp.com

3KEYITS - Intelligent Tutoring System Overview

WSC’s Intelligent Tutoring System (3KEYITS or ITS) was designed to expedite the training of station operators, helping them get familiar not only with the DCS control and station panels, but also with how the station works on a daily basis. Of course, this all depends on the exercises, called Lessons, designed for the ITS to run; Lessons may be as simple or as complicated as configured by the instructor. ITS offers students “real time” advice during simulator training exercises, with or without the presence of a simulator instructor; making 3KEYITS an ideal computer based training (CBT) tool.

The ITS is packed with features to make both the creation and learning of Lessons a simple process for all involved. Some of the highlights are:

- ◆ Lessons can be geared for different student experience levels, with less experienced students unable to access the higher-level lessons until they have been “promoted” by the Instructor.
- ◆ Each step in the Lesson may have Advice and/or Hints to aid the Student in completing the Lesson.
- ◆ The ITS has two modes of Instruction: Mentor mode and Test mode, which define whether the Hints and Advice options can be used by the Student (see figure on following page).
- ◆ Video and audio may be included in the Lessons, which means the Lessons are only limited by one’s imagination: it can have alarms ringing, video of what is happening elsewhere in the station, etc.

3KEYITS consists of specialized software operating in the current standard Microsoft Windows environment on a stand-alone Intel-based PC. The ITS receives real-time simulation process data containing selected process and control logic variables. During simulator exercises using the ITS, this process data is screened by a user configured logic matrix, unique to that exercise, to determine if equipment line-up, critical parameters, ramp rates, etc., are all within safe, legal, and efficient operating routines. When anomalies are detected, the ITS displays appropriate hints or, if the situation warrants, an alert advising the student of the situation. Additionally, the student may ask the ITS for advice for what to do to correct the situation.

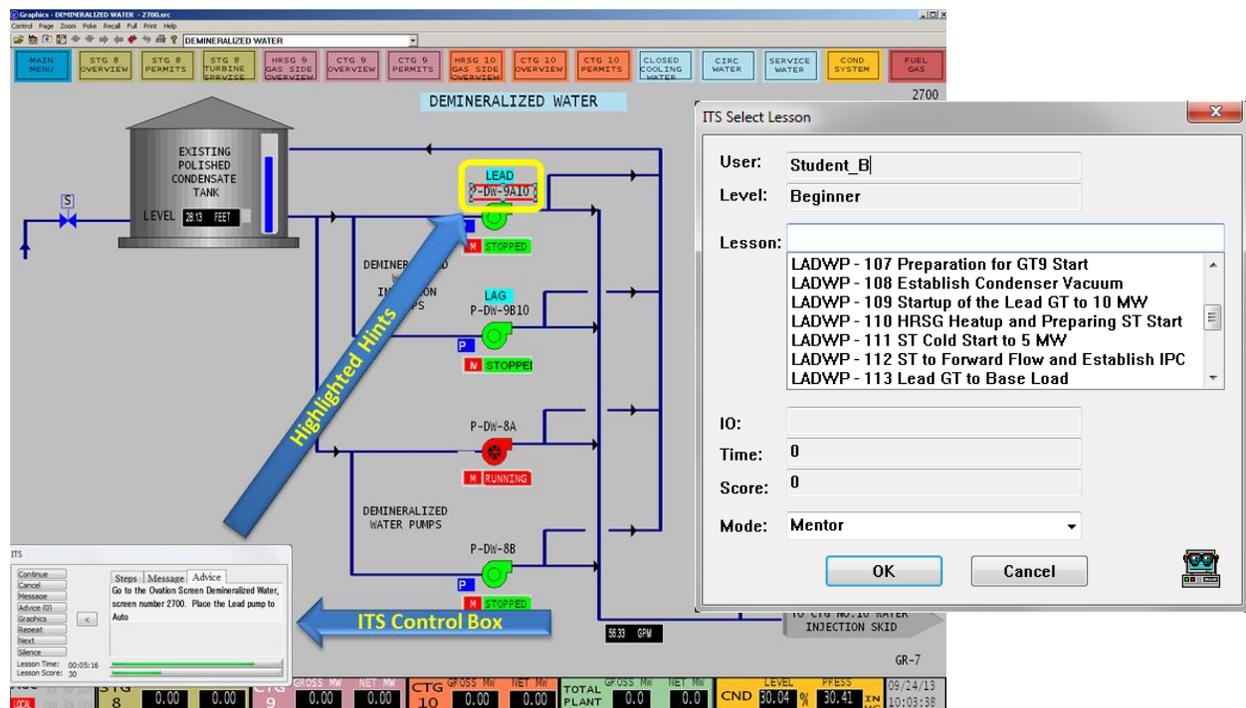


Figure 1 Typical ITS Display and Control Box and Lesson Selection Box

The instructional information presented by the ITS may be text, graphical or multimedia files. The ITS provides both voice synthesis and limited speech recognition programs. Voice synthesis allows the end user to easily create editable texts that can be read to the student, enabling the student to remain focused on the simulator controls without visual distraction. Commensurately, the ability of the ITS to recognize speech enables the student to utilize spoken commands to elicit standard responses, such as providing hints or advice without being distracted from the simulator’s controls.

The material provided in ITS Lessons are typically targeted for operations personnel that have already reviewed of the plant systems, procedures, and plant operating principles and practices. The level of student competence and experience ranges from entry-level control room operator to senior control room operator.

The ITS is not intended to replace the simulator instructor, but rather to leverage their knowledge and expertise through the innovative utilization of existing technologies. When used with an instructor, the ITS provides an additional source of student mentoring and advice, allowing the instructor to focus greater attention on simulator operation and student observation. When used without the presence of a simulator instructor, the ITS permits the student to practice carefully structured event or transient exercises for refining or refreshing skills and expertise without being allowed to practice “bad habits” or improper plant operation.

Since the ITS is fully integrated with the 3KEYMASTER environment, the ITS allows the developer to utilize work previously done in the 3KEYMASTER Instructor Station: Scenarios and Initial Conditions (IC) can easily be incorporated into ITS Lessons.

Lesson Modes

Each Lesson can be run in one of two modes: Mentor and Test. The two modes have different features designed to facilitate the learning process as shown in the figure below.

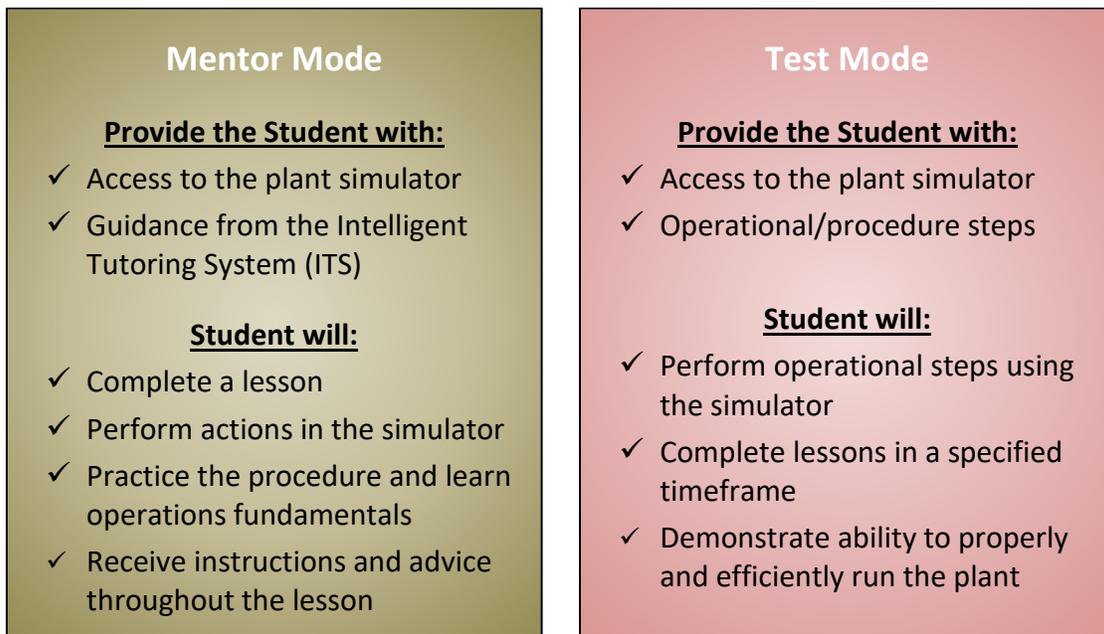


Figure 2 3KEYITS Lesson Modes



Formal Bid and Award System

Award #6 October 17, 2019

Type of Award Request: INVITATION TO NEGOTIATE (ITN)
Request #: 6543
Requestor Name: Colbert, Theron – Electric Systems Engineer
Requestor Phone: 904-665-7628
Project Title: NGS Unit 2 Simulator Replacement Project
Project Number: 8005302
Project Location: JEA
Funds: Capital
Budget Estimate: \$848,000.00

Scope of Work:

The purpose of this Invitation to Negotiate (the "ITN") is to evaluate and select a Supplier that provide JEA with a turnkey replacement simulator for JEA's N02 Circulating Fluidized Boiler at Northside Generating Station (the "Work" or "Services").

The scope of the services includes the engineering, modeling, purchase, supply and installation of simulator equipment, including all software, programming and integration for the Northside Unit 2 CFB boiler, steam turbine and generator. The Company shall:

- Provide simulator hardware, and software for an operator workstation, instructor workstation, ABB Symphony Plus (ABB S+) simulator and plant simulator
- Provide model development using data and information provided by JEA and reviewed by the successful bidder for accuracy and compatibility with their work
- Ensure that the simulator is capable of performing all tasks as defined by this specification
- Ensure that the simulator meets all performance criteria as defined by this specification
- Provide simulator documentation as defined by this specification
- Perform Inspection and Testing as defined by this specification
- Provide simulator training to JEA personnel as described by this specification

This project will positively affect JEA Measures of Value:

- Financial Value: Correctly planned & timed upgrades to the grid, make the best use of capital resources, while keeping the equipment at operating within design limitations, which provides a better return on investment and creates financial value.

JEA IFB/RFP/State/City/GSA#: 076-19
Purchasing Agent: Lovgren, Rodney D.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
WSC INC.	Donald Utley	utleyd@ws-corp.com	2341 Deerfield Drive	(301) 664-2524	\$496,100.00

Amount for entire term of Contract/PO: \$496,100.00
Award Amount for remainder of this FY: \$496,100.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 10/31/2019
End Date (mm/dd/yyyy): 9/30/2020 (Estimated Completion)

BIDDERS:

Name	First Round	BAFO	Rank	Rank
WSC INC.	\$496,100.00	\$496,100.00	77.3	1
TRAX LLC	\$649,930.00	\$644,820.00	73.5	2
CASSPER	\$743,136.00	N/A	61.7	3
SIMGENICS	\$663,650.00	N/A	54.8	4
MICROFUSION	\$747,033.00	N/A	54.2	5

Background/Recommendations:

Advertised on 03/22/2019. Five (5) companies attended the mandatory pre-response meeting held on 04/02/2019. At response opening on 05/14/2019, JEA received five (5) Responses. Two highest ranked Respondents were invited to submit Best and Final Offers (BAFOs). JEA evaluated the companies on price, references, experience and site evaluations of complete projects and WSC, Inc. was deemed the lowest responsive and responsible Respondent. A copy of the Response Forms and Workbooks are attached as backup.

As a part of the evaluation and scoring process, JEA visited a completed simulator project at an operating utility for each Company, prior to submitting final evaluations, selecting the short list and requesting Best and Final Offers. Based on the competitive bid process and responsiveness of the awardee simulator references, the pricing is considered better than reasonable. WSC, Inc. has presented value add options, which JEA may elect to include in the project. The project budget will be updated once the evaluation of these options has been completed.

076-19 – Request approval to award a contract to WSC, Inc. for NGS Unit 2 simulator replacement project in the amount of \$496,100.00, subject to the availability of lawfully appropriated funds.

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

APPROVALS:



Chairman, Awards Committee **Date** 10/17/19



Manager, Capital Budget Planning **Date** 10/17/19

ADDENDUM 7 BAFO - APPENDIX B RESPONSE FORM

076-19 JEA N02 CFB Boiler Simulator Replacement

COMPANY INFORMATION:

COMPANY NAME: WSC, Inc.

BUSINESS ADDRESS: 7196 Crestwood Blvd., Suite 300

CITY, STATE, ZIP CODE: Frederick, MD, 21703

TELEPHONE: (301)-644-2524

FAX: (301) 682-8104

EMAIL OF CONTACT: utleyd@ws-corp.com

Description	Total Bid Price
Equipment and Services as described in this solicitation 076-19 (Transfer total from the Bid Workbook)	\$ 496,100 *

* Please Note at the time of the initial bid, WSC believed this opportunity would be very competitive and didn't envision a BAFO process; thus, our original price was extremely aggressive and there is no room for any further reductions. We are offering a 5% reduction on any of the Unsolicited Options provided on page 4 of the Commercial Proposal for your consideration, including our advanced Intelligent Tutoring System.

The Company shall submit one (1) electronic response via email, with a PDF of the signed Response form and Bid Workbook, to lovgrd@jea.com by October 4, 2019, 12:00 PM (Noon).

Company's Certification

By submitting this Proposal, the Proposer certifies that it has read and reviewed all of the documents pertaining to this RFP and agrees to abide by the terms and conditions set forth therein, that the person signing below is an authorized representative of the 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 license for the work. The company certifies that its recent, current, and projected workload will not interfere with the company's ability to Work in a professional, diligent and timely manner.

The Proposer certifies, under penalty of perjury, that it holds all licenses, permits, certifications, insurances, bonds, and other credentials required by law, contract or practice to perform the Work. The Proposer also certifies that, upon the prospect of any change in the status of applicable licenses, permits, certifications, insurances, bonds or other credentials, the Company shall immediately notify JEA of status change.

We have received addenda 1 through 7


Signature of Authorize Officer of Company or Agent

October 3, 2019
Date

Donald Utley / Director of Contracts
Printed Name & Title

(301) 644-2524
Phone Number

Acknowledge receipt of this addendum on the Response Form

076-19 BAFO Appendix B Bid Workbook

#	Description	UOM	Qty	Unit Price	Extended Price
1	Base Price (Equipment, software, installation, start up and testing. 1st year maintenance included)	Lump Sum	1	\$ 460,000.00	\$ 460,000.00
2	Maintenance Agreement (years 2 - 5 provide an annual amount payable in the beginning of each year. Note - Year 1, shall be included in the Base Price) <i>Assumes Maintenance Agreement is ordered as part of the main contract.</i>	Yr	4	\$ 5,000.00	\$ 20,000.00
3	Instructor Training (as defined in the technical specifications within 30 days of on-site testing completion) - All costs and travel shall be included in the lump sum price	Lump Sum	1	\$ 3,950.00	\$ 3,950.00
3a	Engineer Training (as defined in the technical specifications within 30 days of on-site testing completion) - All costs and travel shall be included in the lump sum price	Lump Sum	1	\$ 3,950.00	\$ 3,950.00
4	Optional Additional Training (as defined in the technical specifications within - Pricing valid for 12 months after commissioning) - All costs and travel shall be included in the lump sum price	Lump Sum	1	\$ 8,200.00	\$ 8,200.00
Total Bid Price (Enter this Amount on the Response Form Page 1)					\$ 496,100.00

076-19 First Round Evaluations

Company Name	Wilds	Hughes	Wang	Total	Rank	
WSC	74.3	74.3	83.3	77.3	1.0	shortlist
TRAX	70.6	70.6	78.6	73.3	2.0	shortlist
Cassper	58.0	59.0	68.0	61.7	3.0	
Simgenics	56.8	53.8	53.8	54.8	4.0	
MicroFusion	48.8	48.8	64.8	54.2	5.0	

Wilds	Pricing (35 Points) Procurement	Experience (25 Points) Subjective Evaluators	References (18 Points) Lead Evaluator	Site Visit (22 Points) Wilds	Total Points	Rank
Cassper	22.5	3.0	12.0	20.5	58.0	3
MicroFusion	24.0	5.0	4.0	15.8	48.8	5
Simgenics	25.6	7.0	7.0	17.2	56.8	4
TRAX	25.7	17.0	9.4	18.5	70.6	2
WSC	35.0	8.0	11.3	20.0	74.3	1

Hughes	Pricing (35 Points)	Experience (25 Points)	References (18 Points)	Site Visit (22 Points)	Total Points	Rank
Cassper	22.5	4.0	12.0	20.5	59.0	3
MicroFusion	24.0	5.0	4.0	15.8	48.8	5
Simgenics	25.6	4.0	7.0	17.2	53.8	4
TRAX	25.7	17.0	9.4	18.5	70.6	2
WSC	35.0	8.0	11.3	20.0	74.3	1

Wang	Pricing (35 Points)	Experience (25 Points)	References (18 Points)	Site Visit (22 Points)	Total Points	Rank
Cassper	22.5	13.0	12.0	20.5	68.0	3
MicroFusion	24.0	21.0	4.0	15.8	64.8	4
Simgenics	25.6	4.0	7.0	17.2	53.8	5
TRAX	25.7	25.0	9.4	18.5	78.6	2
WSC	35.0	17.0	11.3	20.0	83.3	1

Evaluations Post BAFO

Company Name	Wilds	Hughes	Wang	Total	Rank	
WSC	74.3	74.3	83.3	77.3	1.0	shortlist
TRAX	70.8	70.8	78.8	73.5	2.0	shortlist
Cassper	58.0	59.0	68.0	61.7	3.0	
Simgenics	56.8	53.8	53.8	54.8	4.0	
MicroFusion	48.8	48.8	64.8	54.2	5.0	

Wilds	Pricing (35 Points) Procurement	Experience (25 Points) Subjective Evaluators	References (18 Points) Lead Evaluator	Site Visit (22 Points) Wilds	Total Points	Rank
Cassper	22.5	3.0	12.0	20.5	58.0	3
MicroFusion	24.0	5.0	4.0	15.8	48.8	5
Simgenics	25.6	7.0	7.0	17.2	56.8	4
TRAX	25.9	17.0	9.4	18.5	70.8	2
WSC	35.0	8.0	11.3	20.0	74.3	1

Hughes	Pricing (35 Points)	Experience (25 Points)	References (18 Points)	Site Visit (22 Points)	Total Points	Rank
Cassper	22.5	4.0	12.0	20.5	59.0	3
MicroFusion	24.0	5.0	4.0	15.8	48.8	5
Simgenics	25.6	4.0	7.0	17.2	53.8	4
TRAX	25.9	17.0	9.4	18.5	70.8	2
WSC	35.0	8.0	11.3	20.0	74.3	1

Wang	Pricing (35 Points)	Experience (25 Points)	References (18 Points)	Site Visit (22 Points)	Total Points	Rank
Cassper	22.5	13.0	12.0	20.5	68.0	3
MicroFusion	24.0	21.0	4.0	15.8	64.8	4
Simgenics	25.6	4.0	7.0	17.2	53.8	5
TRAX	25.9	25.0	9.4	18.5	78.8	2
WSC	35.0	17.0	11.3	20.0	83.3	1

076-19 Appendix B Bid Workbook

				(No BAFO) WSC, Inc. 7196 Crestwood Blvd, Suite 300, Frederick, MD 21703 utleyd@ws-corp.com		TRAX LLC, 106 Vista Centre Drive, Forest, VA 24551 dvann@traxintl.com		BAFO TRAX LLC, 106 Vista Centre Drive, Forest, VA 24551 dvann@traxintl.com		SimGenics Simulation Systems, LLC, 744 Horizon Ct. suite 100, Grand Junction, Colorado, 81506 flaubscher@simgenics.com		Cassper Simulation Solutions, 2045 W 141 st Terrace, Leawood, KS 66224 jason@casspersolutions.com		MICROFUSION ENGINEERING LABORATORIES, INC. 3039 Amwilder Road, Suite 122, Atlanta GA, 30360 pwang@microfusionlab.com	
#	Description	UOM	Qty	301-664-2524		434-485-7164		434-485-7164		970 - 639 - 2498		913-636-0998		770-846-0218	
#	Description	UOM	Qty	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	Base Price (Equipment, software, installation, start up and testing. 1st year	Lump Sum	1	\$ 460,000.00	\$ 460,000.00	\$ 566,830.00	\$ 566,830.00	\$ 561,720.00	\$ 561,720.00	\$ 559,950.58	\$ 559,950.58	\$ 649,136.00	\$ 649,136.00	\$ 579,413.00	\$ 579,413.00
2	Maintenance Agreement (years 2 - 5 provide an annual amount payable in the	Yr	4	\$ 5,000.00	\$ 20,000.00	\$ 13,260.00	\$ 53,040.00	\$ 13,260.00	\$ 53,040.00	\$ 20,000.00	\$ 80,000.00	\$ 13,000.00	\$ 52,000.00	\$ 34,465.00	\$ 137,860.00
3	Instructor Training (as defined in the technical specifications within 30 days of on-site	Lump Sum	1	\$ 3,950.00	\$ 3,950.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,900.00	\$ 7,900.00	\$ 16,000.00	\$ 16,000.00	\$ 7,440.00	\$ 7,440.00
3a	Engineer Training (as defined in the technical specifications within 30 days of on-site	Lump Sum	1	\$ 3,950.00	\$ 3,950.00	\$ 4,160.00	\$ 4,160.00	\$ 4,160.00	\$ 4,160.00	\$ 7,900.00	\$ 7,900.00	\$ 12,800.00	\$ 12,800.00	\$ 7,440.00	\$ 7,440.00
4	Optional Additional Training (as defined in the technical specifications within - Pricing	Lump Sum	1	\$ 8,200.00	\$ 8,200.00	\$ 18,400.00	\$ 18,400.00	\$ 18,400.00	\$ 18,400.00	\$ 7,900.00	\$ 7,900.00	\$ 13,200.00	\$ 13,200.00	\$ 14,880.00	\$ 14,880.00
Total Bid Price (Enter this Amount on the Response Form Page 1)				\$ 496,100.00	\$ 649,930.00	\$ 644,820.00	\$ 644,820.00	\$ 663,650.58	\$ 663,650.58	\$ 743,136.00	\$ 743,136.00	\$ 747,033.00	\$ 747,033.00		

Base Price X 28
Maintenance Price X 5
Training / Options X 2
Total Points
BAFO Price

28	\$ 460,000.00	\$ 566,830.00	\$ 561,720.00	\$ 559,950.58
	28.00	22.72	22.93	23.00
5	\$ 20,000.00	\$ 53,040.00	\$ 53,040.00	\$ 80,000.00
	5.00	1.89	1.89	1.25
2	\$ 16,100.00	\$ 30,060.00	\$ 30,060.00	\$ 23,700.00
	2.00	1.07	1.07	1.36
	35.00	25.7	25.9	25.61
	No Change	reduction	\$ 5,110.00	

\$ 649,136.00	\$ 579,413.00
19.84	22.23
\$ 52,000.00	\$ 137,860.00
1.92	0.73
\$ 42,000.00	\$ 29,760.00
0.77	1.08
22.53	24.04

Certification of Sole Source

JEA Procurement Code Section 3-111 Sole Source Procurements

(1) *Conditions for Use.* A Contract may be awarded for Supplies or Services as a Sole Source when, pursuant to the Operational Procedures, the Chief Procurement Officer or Designee determines that:

- (a) there is only one justifiable source for the required Supplies or Services; or
- (b) a service is a follow-up of Services that may only be done efficiently and effectively by the Company that rendered the initial Services to JEA, provided the initial procurement was competitive.

Name of Contractor or Supplier

WSC Inc

Description of Services or Supplies

In late Late 2019, JEA contracted with WSC Inc for the supply of a replacement simulator for the Northside Generating Station's Unit 2 existing simulator. The original scope of supply had a predefined set of licenses and some standard options for training lessons. After the contract was initiated and during the development of the simulator, JEA and WSC discussed the addition of additional lessons and licensing for the system along with training for the ITS, which was beyond the original scope of supply. WSC Inc is the only company that can perform this additional scope of services. The additional scope includes:

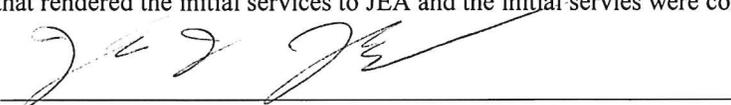
- A 3KEYITS license for the Northside Simulator
- Specific Northside Lessons (simulations for placing various equipment in operation)
- 3 – Day ITS Training course on-site

Certification

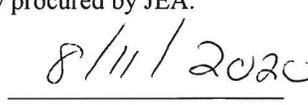
I the undersigned certify that:

there is only one justifiable source for the required supplies or services; or

this service is a follow-up of services that may only be done efficiently and effectively by the Company that rendered the initial services to JEA and the initial services were competitively procured by JEA.



Signature of Business Unit Manager



Date

 Director of Procurement

Signature of Procurement Services Manager

8/12/2020

Date

Contract or Purchase Order Number: 185796 Amount: \$ 59,600.00

***This Certification shall be attached to the purchase order when routed for approval.
This sole source procurement shall be reported to the JEA Board in accordance with
Section 1-113(2) of the JEA Purchasing Code***



Formal Bid and Award System

Award #6 August 13, 2020

Type of Award Request: CONTRACT INCREASE
Requestor Name: Hawk, Thomas C.
Requestor Phone: (904) 665-8829
Project Title: Construction Management-at-Risk (CMAR) Services for the Southwest Water Reclamation Facility (WRF) Expansion
Project Number: 8005555
Project Location: JEA
Funds: Capital
Budget Estimate: \$3,166,057.00

Scope of Work:

JEA requests Proposals from interested and qualified Proposers to provide CMAR pre-construction services during design, and construction services for the Southwest WRF Expansion to 16 millions of gallons per day (MGD) project. This project is needed to meet wastewater flow demands in the Southwest services territory.

JEA IFB/RFP/State/City/GSA#: 125-19
CPA# 187261
Purchasing Agent: Kruck, Daniel R.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
GARNEY COMPANIES INC.	Dave Hall	dhall@garney.com	133 NW Vivion Road, Kansas City, MO 64118-4554	(407) 877-5912	\$2,789,909.00

Amount of Original Award: \$704,232.00
Date of Original Award: 12/19/2019
Contract Increase Amount: \$2,789,909.00
New Not-To-Exceed Amount: \$3,494,141.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 01/03/2020
End Date (mm/dd/yyyy): Project Completion (Expected: January 2024)
JSEB Requirement: Optional

Comments on JSEB Requirements:

Original Award
N/A

This Contract Increase
N/A

Background/Recommendations:

Originally bid and approved by Awards Committee on 12/19/2019 in the amount of \$704,232.00 for pre-construction services to Garney Companies Inc. A copy of the original award is attached as backup.

Negotiations with Garney Companies Inc. were successfully completed for the ultra-violet (UV) disinfection equipment procurement. Design for the UV system is not yet at the 60% design stage, however, due to the long lead time for UV disinfection equipment JEA requested an early guaranteed maximum price (GMP) for the equipment once the equipment was selected. The installation of the UV equipment will be included in a future GMP amendment once the design has progressed. The negotiated price of \$2,789,909.00 is approximately 11.9% below the estimate due to negotiations between Garney Companies Inc. and the equipment supplier and deemed reasonable. A copy of the quote is attached as backup. As design progresses for the other aspects of the overall Southwest WRF expansion, additional GMPs will be brought before the Awards Committee.

The contract increase spend details are below:

- FY21: \$2,789,909.00

Request approval to award a change order to Garney Companies Inc., for the purchase of the UV equipment as part of the Southwest Water Reclamation Facility (WRF) Expansion in the amount of \$2,789,909.00, for a new not-to-exceed amount of \$3,494,141.00, subject to the availability of lawfully appropriated funds.

Manager: Collier, Bradley W. - Mgr Project Management
Director: Conner, Sean – W/WW Project Engineering & Construction
Chief: Vu, Hai – Interim GM Water/Wastewater Systems

APPROVALS:

Chairman, Awards Committee **Date**

Budget Representative **Date**



Formal Bid and Award System

Award #3 December 19, 2019

Type of Award Request: PROPOSAL (RFP)
Request #: 6669
Requestor Name: Hawk, Thomas C.
Requestor Phone: (904) 665-8829
Project Title: Construction Management-at-Risk (CMAR) Services for the Southwest Water Reclamation Facility (WRF) Expansion - Phase 1
Project Number: 8005555
Project Location: JEA
Funds: Capital
Budget Estimate: \$846,990.00 (Phase 1 Estimate)
Scope of Work:

JEA requests Proposals from interested and qualified Proposers to provide CMAR pre-construction services during design, and construction services for the Southwest WRF Expansion to 18 millions of gallons per day (MGD) project. This project is needed to meet wastewater flow demands in the Southwest services territory.

This award positively impacts all of JEA's Measures of Value:

- Customer Value: Improve customer's service by providing additional capacity and reliable operation
- Community Value: Provide additional capacity and redundancy to meet existing and future growth in the service area
- Environmental Value: Provide high level treatment of wastewater to produce a high quality and consistent effluent for discharge to the St. Johns River while meeting the most current resiliency requirements
- Financial Value: Will provide the most energy efficient process equipment and upgrades to improve operations and reduce energy requirements

JEA IFB/RFP/State/City/GSA#: 125-19
Purchasing Agent: Kruck, Daniel R.
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
GARNEY COMPANIES INC.	Dave Hall	dhall@garney.com	133 NW Vivion Road, Kansas City, MO 64118-4554	(407) 877-5912	\$704,232.00

Amount for entire term of Contract/PO: \$704,232.00
Award Amount for remainder of this FY: \$704,232.00
Length of Contract/PO Term: Project Completion
Begin Date (mm/dd/yyyy): 01/03/2020
End Date (mm/dd/yyyy): Project Completion (Expected: March 2023)
JSEB Requirement: Optional for Phase 1
Comments on JSEB Requirements:

No JSEB participation in Phase 1. Contractor will meet JSEB goals during Phase 2.

PROPOSERS:

Name	Amount	Rank
GARNEY COMPANIES INC.	\$704,232.00	1
WHARTON-SMITH, INC.	N/A	2
BRASFIELD & GORRIE, LLC	N/A	3
THE HASKELL COMPANY	N/A	4
CLARK CONSTRUCTION GROUP, LLC	N/A	5
PC CONSTRUCTION COMPANY	N/A	6
ULLIMAN SCHUTTE CONSTRUCTION LLC	N/A	7

Background/Recommendations:

Advertised on 07/25/2019. Nine (9) prime companies attended the mandatory pre-proposal meeting held on 05/30/2019. At proposal opening on 08/27/2019, JEA received seven (7) Proposals. The public evaluation meeting was held on 09/25/2019 and JEA deemed Garney Companies Inc. most qualified to perform the work. A copy of the evaluation matrix and negotiated fees are attached as backup.

Negotiations with Garney Companies Inc. were successfully completed for Phase 1 of this project. Phase 1 consists of developing the project schedule, design and constructability reviews, developing work packages, value engineering and developing the Guaranteed Maximum Price (GMP). These preconstruction costs are 1% of the estimated total construction costs and deemed reasonable (typically 0.5% - 3% of total construction costs). If negotiations for the final GMP are not successful, JEA reserves the right not to proceed with construction with this contractor. The contractor reviewed the 10% design estimate and deemed it reasonable for this project.

The project details are below:

- Planning Project Budget: \$65,501,000.00
 - Engineering Budget: \$5,647,000.00
 - Construction Budget: \$56,466,000.00
 - Internal JEA Costs: \$3,388,000.00
- Revised Project Budget (10% Design): \$77,035,660.00
 - Engineering Budget (CDM Smith): \$8,321,810.00
 - Phase 1: \$732,210.00
 - Phase 2: \$7,589,600.00
 - Construction Budget (Garney Companies): \$65,586,178.00
 - **Phase 1: \$704,232.00 (this award)**
 - Phase 2: \$64,881,946.00
 - Internal JEA Costs: \$3,127,672
- Original Project Schedule:
 - Engineering Completion: August 2020
 - Construction Completion: May 2023
- Revised Schedule:
 - Engineering Completion: December 2020
 - Construction Completion: October 2023

Major Changes/Issues

The original construction estimate of \$65.5M was derived from the project definition that only accounted for treatment process expansion. Upon project steering committee review, additional scope was added to the project (listed below). The scope addition and subsequent engineering and indirect costs were the cause for the budget increase to \$77M. This estimate is the engineer's opinion of probable construction cost at 10% design. Once the CMAR contract is awarded, they will be responsible for providing construction estimates at 30% and 60% design leading up to a GMP.

Additional Southwest WRF Projects

1. New Electrical Building #1 - \$588,804: Preliminary design indicated that a new electrical building would be more economical than replacing/upgrading current electrical system
2. Additional Instrumentation and Control - \$1,855,922: Preliminary design indicated that it is more economical to replace existing plant controls using a fiber optic loop rather than patch together new controls with existing
3. New Administration Building - \$4,867,028: Originally planned for rehabilitation by facilities and transferred to this project per facilities request. It was determined that it would be a larger added value to build new buildings rather than rehab the existing due to space limitations.
4. New Workshop Building - \$1,740,478: Originally planned for rehabilitation by facilities and transferred to this project per facilities request. It was determined that it would be a larger added value to build new buildings rather than rehab the existing due to space limitations.

A breakdown of the increases in costs is shown below.

Construction Costs: \$9,052,232

Engineering Costs: \$1,457,409

Total Increases: \$10,509,641

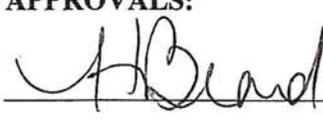
125-19 – Request approval to award a contract to Garney Companies Inc., for pre-construction services for the Southwest Water Reclamation Facility Expansion to 18 MGD project in the amount of \$704,232.00, subject to the availability of lawfully appropriated funds.

Manager: Collier, Bradley W. - Mgr Project Management

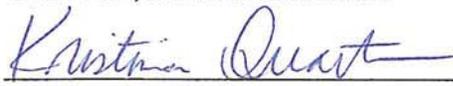
Director: Conner, Sean M. – Dir W/WW Project Engineering & Construction

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

APPROVALS:

 12/19/19

Chairman, Awards Committee **Date**

 12/19/19

Manager, Operating Budgets **Date**



SOUTHWEST WATER RECLAMATION FACILITY JEA

GMP #1- Purchase UV Equipment

Garney Companies, Inc.

370 E. Crown Point Road
Winter Garden, FL 34787

407.395.7616 Direct
wdooley@garney.com



Cover Letter

Garney Construction (Garney) is pleased to provide the proposal for GMP services. Garney has requested bids for the equipment package included and compiled a guaranteed maximum price for all work associated with the JEA Southwest Ultraviolet Disinfection System Replacement. Accordingly, Garney offers the following Guaranteed Maximum Price (GMP) for the work described by the bid documents, and otherwise described by the Agreement.

Purchase UV Disinfection System For the Guaranteed Maximum Price of \$2,789,909.00

Garney has included an Owner's Contingency for GMP-1 in the amount of \$100,000.00, which includes allowances for the items listed below.

- | | |
|-------------------------|--------------|
| a. Electrical Allowance | \$100,000.00 |
|-------------------------|--------------|

GMP-1 includes cost for performance and payment bonds, insurance, general conditions, construction administration costs, and construction management fee.

Garney will serve as the CMAR, furnishing construction administration and management services and will use the CMAR efforts to perform the Work in accordance with the Contract Documents.

The Work is generally described as furnish UV Disinfection; A more detailed summary of work is described in Section 1.

This proposal is based on a Notice to Proceed date of December 2, 2020.

Should you have any question, comment, or wish to discuss any of the above in greater detail, please feel free to contact us immediately.



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 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	\$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:

Chairman, Awards Committee **Date**

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
		Change Order Total	\$5,926,123
		Original Award	\$6,082,658
		Total New Award	\$12,008,781

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

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.

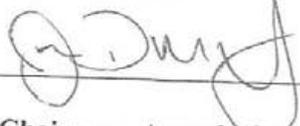
The professional services proposal was evaluated as the most qualified and the rates were negotiated. The initial services selected were for writing the demolition & remediation specifications and performing contract management. The hours for the selected services were estimated by JEA and the contract 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.

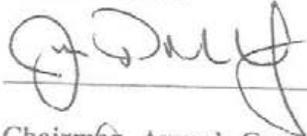
When comparing rates for this project to other types of professional services (general engineering and environmental services), rates are in line with other contracts for comparable types of positions (field engineers, engineers cad technicians). When comparing the higher level positions (Lead Senior 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.

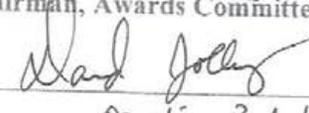
Award #2

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 CPO Protest Hearing

Vendor Rankings	Bradley	Mileage	Pinkestaff	I Rank	Rank	Points Awarded
AMEC FOSTER WHEELER	3	4	4	11	4	4
BLACK AND VEATCH	6	1	2	9	3	4
BURN & MCDONALD	5	2	1	8	2	4
CB & I	1	3	3	7	1	0
ENM - SOUTH-EAST	2	5	5	14	5	0
TRC ENGINEERS INC	4	6	6	14	5	0

Vendor Rankings	Bradley	Mileage	Pinkestaff	I Rank	Rank	Points Awarded
AMEC FOSTER WHEELER	3	4	4	11	4	4
BLACK AND VEATCH	6	1	2	9	3	4
BURN & MCDONALD	5	2	1	8	2	4
CB & I	1	3	3	7	1	0
ENM - SOUTH-EAST	2	5	5	14	5	0
TRC ENGINEERS INC	4	6	6	14	5	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 Rankings	Bradley	Mileage	Pinkestaff	I Rank	Rank	Points Awarded
AMEC FOSTER WHEELER	3	4	4	11	4	4
BLACK AND VEATCH	6	1	2	9	3	4
BURN & MCDONALD	5	2	1	8	2	4
CB & I	1	3	3	7	1	0
ENM - SOUTH-EAST	2	5	5	14	5	0
TRC ENGINEERS INC	4	6	6	14	5	0

Vendor Rankings	Bradley	Mileage	Pinkestaff	I Rank	Rank	Points Awarded
AMEC FOSTER WHEELER	3	4	4	11	4	4
BLACK AND VEATCH	6	1	2	9	3	4
BURN & MCDONALD	5	2	1	8	2	4
CB & I	1	3	3	7	1	0
ENM - SOUTH-EAST	2	5	5	14	5	0
TRC ENGINEERS INC	4	6	6	14	5	0

Vendor Rankings	Bradley	Mileage	Pinkestaff	I Rank	Rank	Points Awarded
AMEC FOSTER WHEELER	3	4	4	11	4	4
BLACK AND VEATCH	6	1	2	9	3	4
BURN & MCDONALD	5	2	1	8	2	4
CB & I	1	3	3	7	1	0
ENM - SOUTH-EAST	2	5	5	14	5	0
TRC ENGINEERS INC	4	6	6	14	5	0

Vendor Rankings	Bradley	Mileage	Pinkestaff	I Rank	Rank	Points Awarded
AMEC FOSTER WHEELER	3	4	4	11	4	4
BLACK AND VEATCH	6	1	2	9	3	4
BURN & MCDONALD	5	2	1	8	2	4
CB & I	1	3	3	7	1	0
ENM - SOUTH-EAST	2	5	5	14	5	0
TRC ENGINEERS INC	4	6	6	14	5	0

Vendor Rankings	Bradley	Mileage	Pinkestaff	I Rank	Rank	Points Awarded
AMEC FOSTER WHEELER	3	4	4	11	4	4
BLACK AND VEATCH	6	1	2	9	3	4
BURN & MCDONALD	5	2	1	8	2	4
CB & I	1	3	3	7	1	0
ENM - SOUTH-EAST	2	5	5	14	5	0
TRC ENGINEERS INC	4	6	6	14	5	0

Vendor Rankings	Bradley	Mileage	Pinkestaff	I Rank	Rank	Points Awarded
AMEC FOSTER WHEELER	3	4	4	11	4	4
BLACK AND VEATCH	6	1	2	9	3	4
BURN & MCDONALD	5	2	1	8	2	4
CB & I	1	3	3	7	1	0
ENM - SOUTH-EAST	2	5	5	14	5	0
TRC ENGINEERS INC	4	6	6	14	5	0

Vendor Rankings	Bradley	Mileage	Pinkestaff	I Rank	Rank	Points Awarded
AMEC FOSTER WHEELER	3	4	4	11	4	4
BLACK AND VEATCH	6	1	2	9	3	4
BURN & MCDONALD	5	2	1	8	2	4
CB & I	1	3	3	7	1	0
ENM - SOUTH-EAST	2	5	5	14	5	0
TRC ENGINEERS INC	4	6	6	14	5	0

Vendor Rankings	Bradley	Mileage	Pinkestaff	I Rank	Rank	Points Awarded
AMEC FOSTER WHEELER	3	4	4	11	4	4
BLACK AND VEATCH	6	1	2	9	3	4
BURN & MCDONALD	5	2	1	8	2	4
CB & I	1	3	3	7	1	0
ENM - SOUTH-EAST	2	5	5	14	5	0
TRC ENGINEERS INC	4	6	6	14	5	0

**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			
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

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.

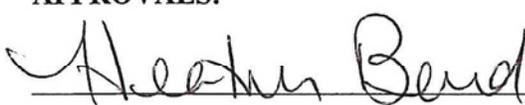
This Contract Increase for \$2,222,500.00 is for the continuation of services to support the original award and change order 1 scope increase. The current completion schedule is Demolition completion May 2020 and Remediation completion July 2020. A schedule delay was due to the additional coal pile turnover 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.

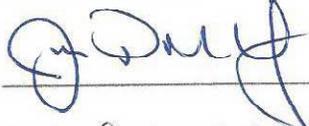
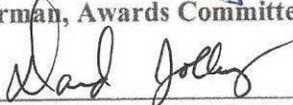
This contract is to engage an engineering firm, familiar with power plant decommissioning, to provide specifications for bidding a demolition and a remediation contract. The firm shall also provide resources for managing the field work associated with the entire decommissioning process.

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 #8 August 13, 2020

Type of Award Request: PROPOSAL (RFP)
Request #: 6758
Requestor Name: Timothy Lundeen - Manager System Analysis
Requestor Phone: 904-665-8993
Project Title: Distributed Energy Resources Assessment Provider
Project Number: Cost Center 20202 O&M line 1831
Project Location: JEA
Funds: O&M
Budget Estimate: \$750,000.00

Scope of Work:

JEA is seeking the services of a Distributed Energy Resources (DER) and Arc Flash consulting services Provider.

The purpose of these services is to determine the key Distribution challenges in integrating DER in the JEA service territory and develop a plan to successfully integrate DER as well as provide electric system wide comprehensive Arc Flash analysis support.

The intent of this service contract is development of comprehensive analyses for DER and Arc Flash that apply industry best practices to JEA’s existing and new T&D processes in an effort to improve long term system reliability for the JEA Electric System, and provide innovative solutions and analysis to maintain worker safety.

JEA is interested in discovering all Respondent’s capabilities related to specified Areas of Interest and associated pricing to enable informed decisions and potentially proceed to contract development negotiations with one or more qualified Respondents to this Request for Proposals (RFP).

JEA IFB/RFP/State/City/GSA#: 021-20
Purchasing Agent: Lovgren, Rodney
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
LEIDOS ENGINEERING LLC	Humberto Branco	Humberto.n.branco@leidos.com	9400 N. Broadway Suite 300, Oklahoma City, OK, 73114	(904)445-0649	\$750,000.00

Amount for entire term of Contract/PO: \$750,000.00
Award Amount for remainder of this FY: \$25,000.00
Length of Contract/PO Term: Five (5) Years w/ Two (2) – 1 Yr. Renewals
Begin Date (mm/dd/yyyy): 07/25/2020
End Date (mm/dd/yyyy): 07/24/2025
Renewals: Yes - Two (2) – 1 Yr. Renewals
JSEB Requirement: N/A - Optional

PROPOSERS:

Name	Rank	Score
LEIDOS ENGINEERING	1	73.5
BURNS & MCDONNELL	2	61.3
POWER ENGINEERINGS	3	53.7
TRC	4	49.7
BLACK & VEATCH	5	49.3

Background/Recommendations:

Advertised on 02/12/2020. Nine (9) prime companies attended the mandatory pre-proposal meeting held on 02/24/2020. At proposal opening on 04/14/2020, JEA received five (5) Proposals. The public evaluation meeting was held on 06/08/2020 and JEA deemed Leidos Engineering most qualified to perform the work. A copy of the evaluation matrix and negotiated rates are attached as backup.

Negotiations with Leidos were successfully completed. The proposed rates will be used to perform specific tasks related to DER assessments and arc flash during the contract performance period. The rates are consistent with other engineering consult service providers in this area of engineering expertise and are considered reasonable. It should be noted, Leidos, provided the same rates, as awarded in the 2019 Transmission Power System Simulator for Engineering (PSSE) contract, which were also evaluated consistent with Burns & McDonnell (the second highest evaluated in this solicitation effort).

Rate are fixed for the first year and subject to annual price adjustment thereafter. A BLS published compensation index CIU2015400000000A, will be used for price adjustment annually with a 2.5% annual cap.

021-20 – Request approval to award a contract to Leidos Engineering, for Distributed Energy Resource Assessment in the amount of \$750,000.00, subject to the availability of lawfully appropriated funds.

Manager: Lundeen, Timothy - Manager System Analysis
Director: Coarsey, John B. - Director, Electric T & D Planning
Chief: Roche, Brian J. - Interim Chief Financial Officer

APPROVALS:

Chairman, Awards Committee **Date**

Budget Representative **Date**

021-20 DER Services Evaluation Summary

Vendor Rankings	Lundeen	Durham	Marquardt	Average	Total	Σ Rank	Rank
Leidos	1	1	1	73.5	220.60	3	1
Burns & McDonnell	2	2	2	61.3	184.00	6	2
Power Eng	4	3	3	53.7	161.20	10	3
TRC	3	5	5	49.7	149.00	13	4
Black & Veatch	5	4	4	49.3	148.00	13	4

Lundeen	Professional Personnel (30 Points)	Design Approach and Work Plan	Past Experience (45 points)	Lead Manager Proximity to JEA (5 points)	Jacksonville Small & Emerging Business Program (5 points)	Total	Rank
TRC	20.2	10.0	24.0	0.0	4.0	58.20	3
Black & Veatch	21.0	13.0	12.0	5.0	0.0	51.00	5
Burns & McDonnell	21.6	13.0	31.0	3.0	0.0	68.60	2
Power Eng	22.2	11.0	19.0	4.0	0.0	56.20	4
Leidos	24.4	13.0	34.0	4.0	0.0	75.40	1

Durham	Professional Personnel (30 Points)	Design Approach and Work Plan	Past Experience (45 points)	Lead Manager Proximity to JEA (5 points)	Jacksonville Small & Emerging Business Program (5 points)	Total	Rank
TRC	14.8	6.0	12.0	0.0	4.0	36.80	5
Black & Veatch	17.4	11.0	9.0	5.0	0.0	42.40	4
Burns & McDonnell	17.2	14.0	22.0	3.0	0.0	56.20	2
Power Eng	15.2	14.0	16.0	4.0	0.0	49.20	3
Leidos	20.8	15.0	22.0	4.0	0.0	61.80	1

Marquardt	Professional Personnel (30 Points)	Design Approach and Work Plan	Past Experience (45 points)	Lead Manager Proximity to JEA (5 points)	Jacksonville Small & Emerging Business Program (5 points)	Total	Rank
TRC	16.0	8.0	26.0	0.0	4.0	54.00	5
Black & Veatch	19.6	13.0	17.0	5.0	0.0	54.60	4
Burns & McDonnell	20.2	13.0	23.0	3.0	0.0	59.20	2
Power Eng	17.8	10.0	24.0	4.0	0.0	55.80	3
Leidos	25.4	13.0	41.0	4.0	0.0	83.40	1

Overall Averages	Professional Personnel (30 Points)	Design Approach and Work Plan	Past Experience (45 points)	Lead Manager Proximity to JEA (5 points)	Jacksonville Small & Emerging Business Program (5 points)	Total
TRC	12.75	6.00	15.50	0.00	3.00	37.25
Black & Veatch	14.50	9.25	9.50	3.75	0.00	37.00
Burns & McDonnell	14.75	10.00	19.00	2.25	0.00	46.00
Power Eng	13.80	8.75	14.75	3.00	0.00	40.30
Leidos	17.65	10.25	24.25	3.00	0.00	55.15

Role	FY20			FY21-24	
	Rate	Hours	Spend	Hours	Spend / FY
Lead Electrical Engineer	\$ 235.00	10	\$ 2,350.00	60	\$ 14,100.00
Lead Project Manager	\$ 205.00	12.5	\$ 2,562.50	75	\$ 15,375.00
Back up Lead Electrical Engineer	\$ 175.00	40	\$ 7,000.00	240	\$ 42,000.00
Electrical Engineer	\$ 150.00	50	\$ 7,500.00	300	\$ 45,000.00
Backup Electrical Engineer	\$ 115.00	42.5	\$ 4,887.50	255	\$ 29,325.00
Administrative Assistant/GIS Support	\$ 70.00	10	\$ 700.00	60	\$ 4,200.00
			\$ 25,000.00		\$ 150,000.00
Total Award Amount			Partial FY20		4 full FY's
\$		750,000.00	\$ 25,000.00		\$ 600,000.00

FY25

Hours	Spend / FY
50	\$ 11,750.00
62.5	\$ 12,812.50
200	\$ 35,000.00
250	\$ 37,500.00
212.5	\$ 24,437.50
50	\$ 3,500.00
	\$ 125,000.00
	Partial FY25
	\$ 125,000.00

Leidos Rate Schedule Proposed for JEA Distributed Energy Resource Services MSA

Role	Rate
Project Lead (Project Manager / Consultant)	\$205.00
Lead Electrical Engineer	\$235.00
Backup Lead Electrical Engineer	\$175.00
Electrical Engineer	\$150.00
Backup Electrical Engineer	\$115.00
Administrative Assistant/GIS Support	\$70.00

** Regular time rates*

6.8 PRICE ADJUSTMENT - ANNUAL

Contract prices for the Work will remain fixed through the first year of the Contract. The Company may request a price adjustment annually. Each annual request for an increase must be made within thirty (30) days prior to the Anniversary Date of the Contract. If Company fails to submit a timely adjustment request, the Company may be denied the adjustment for the upcoming Contract year. Additionally, JEA may implement a price adjustment (increase or decrease) annually, based on the agreed to index after each anniversary date.

When a timely price adjustment request is received, JEA will recognize the price adjustment increase or decrease within thirty (30) days after the Anniversary Date. No retroactive price adjustments will be allowed.

Unless the Company and JEA make other agreements, the annual price adjustment for the Contract shall be in accordance with the Bureau of Labor Statics **Total Compensation for Private industry workers in Professional, scientific and technical services, 12-month percent change CIU2015400000000A** published quarterly by the U.S. Department of Labor, Bureau of Labor Statistics. The annual price adjustment shall be average of the previous four quarters prior to the Anniversary Date, for subsequent contract year. In no event will an annual percentage increase exceed a 2.5% increase per price adjustment request.

In the event the applicable price index publication ceases, the Company and JEA shall mutually agree on a replacement index. If the Company and JEA fail to agree on a replacement index, the Contract shall terminate effective on the next Anniversary Date.

Example: A Project Manager's hourly rate is \$100.00 / hour. The contract is executed. In January 2019. In December of 2019, the Company requests a Price Adjustment for the 2020 Contract Year. The average of the previous four quarters percentage change is 2.3%

Year	Period	Estimate Value	Standard Error		Previous 4 quarter average
2010	Qtr1	0.8	0.4		
2010	Qtr2	1.4	0.5		
2010	Qtr3	1.8	0.4		
2010	Qtr4	2.4	0.5		

2011	Qtr1	2.6	0.5		
2011	Qtr2	3.0	0.5		
2011	Qtr3	2.5	0.5		
2011	Qtr4	2.2	0.3		
2012	Qtr1	2.1	0.4		
2012	Qtr2	1.5	0.5		
2012	Qtr3	1.7	0.4		
2012	Qtr4	1.8	0.4		
2013	Qtr1	1.6	0.4		
2013	Qtr2	2.0	0.3		
2013	Qtr3	2.0	0.4		
2013	Qtr4	1.7	0.4		
2014	Qtr1	1.8	0.3		
2014	Qtr2	1.7	0.7		
2014	Qtr3	1.9	0.7		
2014	Qtr4	1.9	0.5		
2015	Qtr1	3.6	2.2		
2015	Qtr2	1.1	0.7		
2015	Qtr3	1.4	0.6		
2015	Qtr4	1.6	0.4		
2016	Qtr1	0.4	1.3		
2016	Qtr2	2.7	1.0		
2016	Qtr3	1.7	0.5		
2016	Qtr4	1.5	0.6		
2017	Qtr1	1.6	0.9		
2017	Qtr2	1.9	0.8		
2017	Qtr3	3.1	0.5		
2017	Qtr4	3.0	0.3		
2018	Qtr1	3.0	0.4		
2018	Qtr2	2.3	0.4		
2018	Qtr3	2.5	0.5		
2018	Qtr4	2.5	0.6		
2019	Qtr1	2.0	0.7		
2019	Qtr2	2.7	0.7		
2019	Qtr3	2.3	0.4		
2019	Qtr4	2.2	0.3		2.3%
2020	Qtr1	3.3	1.0		

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Leidos Engineering Proposal

Shaded area = JEA requirements

Name	Role	Degree	Years of Experience
Humberto Branco, P.E.	Lead Project Manager	EE	10 yrs EE 5 yrs PM
Sridhar Chouhan, Ph.D., P.E.	Lead Electrical Engineer	EE	12 yrs EE
Diwakar Tewari, P.E.	Electrical Engineer	EE	7 yrs EE
Tyler Patton, P.E.	Backup Lead Electrical Engineer	EE	10 yrs EE
Matthew Richwine (Telos Energy, Inc.)	Backup Electrical Engineer	EE	3 yrs EE

Notes:

1) Any changes in personnel to any of the above JEA consultant categories (Role) must be submitted to not listed above using the same process to evaluate the team members in the solicitation, which is the work for qualification and approval. The rate will be based on the consultant category and consistent v For more detail, please reference Section 1.2.6.1 of the solicitation.

2) If an employee promotes to a higher classification he/she will be paid same as before unless Leidos v In the case the recently promoted would need to be approved by JEA for the new position as well as ap,

Typical Certification Licenses	Position Description
PE, CPM	minimum of 10 years electrical engineering technical experience, with over 5 years' experience being a Project Manager for projects and/or similar tasks identified in the technical specifications of the solicitation for electric utilities. CPM not required, but preferred. Additionally, MBA or MBS preferred, but not required
PE	minimum of 12 years electrical engineering technical experience, with over 7 years' experience of reviewing and/or performing studies and/or similar tasks specifically identified in the technical specifications of the solicitation for electric utilities. PE required
PE	minimum of 7 years electrical engineering technical experience, with over 5 years' experience of reviewing and/or performing studies and/or similar tasks specifically identified in the technical specifications of the solicitation for electric utilities. PE required
PE	minimum of 10 years electrical engineering technical experience, with over 5 years' experience of reviewing and/or performing studies and/or similar tasks specifically identified in the technical specifications of the solicitation for electric utilities. PE required
	minimum of 3 years electrical engineering technical experience, with over 2 years' experience of reviewing and/or performing studies and/or similar tasks specifically identified in the technical specifications of the solicitation for electric utilities.

JEA for approval. JEA will evaluate any new personnel new personnel must submit their resume and project with the terms of the contract.

wants to replace the higher classification with the new one. proving the backfilling of the position vacated.

Years of Service with Leidos	Years of Total Work Experience	Responsibilities
6.5	11	<ul style="list-style-type: none"> › Manages client communications › Coordinates Leidos' resources to deliver tasks on time and budget › Manage overall program › Prepare PSCAD models for transient analysis and summarize results
11	12	<ul style="list-style-type: none"> › Lead Distributed Generation interconnection studies › Lead DER forecast modeling
8	20+	<ul style="list-style-type: none"> › Oversees quality assurance and quality control (QA/QC) process › Lead transmission studies
10.5	10.5	<ul style="list-style-type: none"> › Lead Arc Flash Program development and support execution › Preparation of hosting capacity evaluation in Synergi including Evs › Synergi Automation
-	11	<ul style="list-style-type: none"> › EV load profile development › Lead probabilistic electric vehicle (EV) and hosting capacity analysis