

Welcome to the

Awards Meeting

June 29, 2023, 10:00 AM EST

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

At the designated public comment time we will provide opportunity for you to unmute to speak.

During the meeting, public comments received via e-mail regarding any matter on the agenda for consideration will be read out. Per the Public Notice Agenda posted on [JEA.com](https://jea.com), public comments by e-mail must be received no later than 9:00 a.m. on the day of the meeting to be read during the public comment portion of the meeting.

Please contact **Victoria Holloway** by telephone at **(904) 651-7171** or by email at **hollvl@jea.com** if you experience any technical difficulties during the meeting.

**JEA Awards Agenda,
June 29, 2023
225 North Pearl St., Jacksonville, FL 32202 - Hydrangea Room 1st Floor**

[Teams Meeting Info](#)

Consent Agenda

The Chief Procurement Officer offers the following items for the JEA Awards Consent Agenda. Any item may be moved from the Consent Agenda to the Regular Agenda by a committee member asking that the item be considered separately. **All items on the Consent agenda have been approved by OGC, Budget and the Business Unit Vice President and Chief.** The posting of this agenda serves as an official notice of JEA's intended decision for all recommended actions for **Formal Purchases** as defined by **Section 3-101 of the JEA Procurement Code**. Please refer to JEA's Procurement Code, if you wish to protest any of these items.

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Funding Source	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term	JSEB Participation (Y/N) If Y, then list company name(s) (% , \$ - awarded)
1	Minutes	Minutes from 06/22/2023 Meeting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Developer Agreement	2022-1199 Seabrook Village Phases 2 & 3	Melendez / Water	Sonoc Company, LLC / John Woody, Inc.	Capital	\$829,150.00	N/A	\$829,150.00	N/A	Project Completion (September 2024)	N/A
	<p>Three (3) Bids Received by the Developer For Additional Information Contact: David King</p> <p>The Seabrook Village Phases 2 & 3 project is part of the Nocatee Development and includes improvements covered in the Nocatee Developer and Utility Service Agreement. The proposed water main will complete a secondary water main connection to the Nocatee Development that is essential for service redundancy.</p> <p>This project is developer driven, so all design and engineering was completed by the developer at their cost (no JEA funds for design). JEA Development has reviewed and approved the construction plan submittal. Per the Developer Agreement, the Developer bid the project in accordance with JEA guidelines and the work has been awarded to the to the highest evaluated bidder. The project elements are comprised of 7,650 feet of 16" transmission water main. JEA is responsible for construction cost difference between an 8" and 16" water main per the terms of the Agreement.</p>										
3	Contract Increase	001-18 Engineering Services for Power Generation	Melendez	Black & Veatch	Capital & O&M	Black & Veatch \$454,640.00	Black & Veatch \$2,800,000.00 Power Engineers Inc. \$1,200,000.00	Black & Veatch \$3,534,640.00 Power Engineers Inc. \$1,200,000.00	10/22/2022 Black & Veatch \$280,000.00	Five (5) Years, w/ One (1) - 1 Yr. Renewals	N/A
	<p>Originally Awarded: 1/15/2018 Contract Expiration: 1/14/2024 For additional information contact: Rodney Lovgren</p> <p>JEA utilizes two (2) contractors for electric plant engineering services. The consultants perform services scoped and developed by JEA on a task authorization basis with a developed scope and fee. This increase is to allow continued use of the primary contractor (Black & Veatch) to perform four (4) projects: 1. NGS Material Handling Byproducts Bldg, 2. NGS Intake Cell Repair, 3. NGS Biomass Processing Area, and 4. Site Feasibility Study related to the IRP (Integrated Resource Plan). The current rates apply for the remainder of the contract.</p>										
4	Contract Increase	On-premise Oracle E-Business Suite Migration to Oracle Cloud Infrastructure	Selders	Insight Public Sector, Inc.	Capital	\$656,079.36	\$2,382,922.80	\$4,465,021.76	11/03/2022 - \$1,426,019.60	Project Completion (through 07/31/2023)	N/A – Optional
	<p>Contract Piggyback: 43230000-NASPO-16-ACS Last Award Approval: 11/03/2022 For additional information contact: Nickolas C. Dambrose</p> <p>Originally awarded with Awards Committee Approval on 04/21/2022. Contract increase for ISG upgrade approved on 11/03/2022 in the amount of \$1,426,019.60.</p> <p>This request is for a contract increase for \$656,079.36 for re-architecture and re-design effort of JEA's Oracle Cloud Infrastructure (OCI) implementation. Insight Public Sector's contracted working partner is Accenture. The Accenture resources have already completed the original scope of work and the work contained in the previously approved 11/03/2023 change order, up to cutover preparation and cutover/implementation. This award request contains a partial ratification in the amount of \$590,471.43 to maintain the same Accenture resources to complete this project.</p> <p>The additional re-engineering effort required both the Accenture and JEA project resources to be extended for two additional implementation months through the effective date of 06/26/2023. This funding request also includes a thirty-day stabilization effort as originally agreed to ensure continuity of newly implemented OCI through July 26, 2023.</p> <p>JEA anticipates an additional award request to Accenture for the same resources utilized for the OCI Implementation for follow-up work. The extended support will be awarded separately and directly to Accenture at a later date with the sourcing basis to be determined. The extended support will include but not be limited to O&M support and knowledge transfer not related to the previous OCI implementation.</p>										

Consent Agenda Action

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

Consent Agenda Signatures

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

JEA Awards Agenda June 22, 2023 225 North Pearl St., Jacksonville, FL 32202 - Hydrangea Room 1st Floor Teams Meeting Info											
Consent Agenda											
The Chief Procurement Officer offers the following items for the JEA Awards Consent Agenda. Any item may be moved from the Consent Agenda to the Regular Agenda by a committee member asking that the item be considered separately. All items on the Consent agenda have been approved by OGC, Budget and the Business Unit Vice President and Chief. The posting of this agenda serves as an official notice of JEA's intended decision for all recommended actions for Formal Purchases as defined by Section 3-101 of the JEA Procurement Code . Please refer to JEA's Procurement Code, if you wish to protest any of these items.											
Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Funding Source	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term	JSEB Participation (Y/N) If Y, then list company name(s)
1	Minutes	Minutes from 06/15/2023 Meeting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	IFB	1411251046 - Nassau Regional Water Reclamation Facility – Fiber Optic Construction, Installation, and Testing	Selders	Cook Electrical, Inc.	Capital	\$695,177.50	N/A	\$695,177.50	N/A	Project Completion (Estimated 06/20/23 through 09/27/23)	N/A – Optional
	MOVED TO REGULAR AGENDA										
3	Contract Ratification, Increase & Extension	Informal, Single Source, Heavy Duty Vehicle Maintenance and Repair (Supplemental)	McElroy	Tom Nehl Truck Company	O & M	\$214,256.17	\$50,000.00	\$489,256.17	02/27/2023 Increased by \$150,000 04/27/2023 increased by \$75,000	Original term 6 months Start: Dec 17, 2022 End: June 15, 2023 Request extension to July 31, 2023	N/A
	Originally Awarded: December 17, 2023 Original Expiration: June 15, 2023 For additional information contact Eddie Bayouth This contract is for supplemental support of JEA Fleet Services Heavy Duty Vehicle Maintenance and Repair, including preventative and corrective maintenance, through the completion of the solicitation and award for these services. Due to staffing challenges, the volume of preventative maintenance services and corrective maintenance repairs exceeded the capacity of the current vendor. To lessen the impact to JEA overall operations and service delivery, caused by inoperable vehicles, the decision was made to establish supplemental support. Quotes were requested and two informal Blanket Purchase Orders were issued in December 2022 to reduce the downtime of assets. This request is to ratify \$54,894.81 spent over the \$300K threshold because of increased maintenace and repair requirements, increase the Not-to-Exceed (NTE) to \$489,256.17 to cover projected expenses for the remiander of the term of the contract, and extend the contract through July 31, 2023 when the new Heavy Duty Vehicle Maintenance contract will be awarded. The award amount is based on actual spend to date, estimates for repairs of assets currently undergoing repairs, and two additional months through the extended term, using the average monthly spend.										
4	RFP	1411055046 Engineering Design Services for the Blacks Ford WRF - Expansion from 6 to 12 MGD	Melendez / Wastewater	Ardurra Group, Inc.	Capital	\$13,931,177.99	N/A	\$13,931,177.99	N/A	Project Completion (Expected: November 2027)	Five Percent (5%) Evaluation Criteria Smith Surveying Group, LLC (Survey & SUE) - 3% Construction & Engineering Services Consulting, Inc. (Construction Inspection) - 2%
	Advertised: 01/30/2023 Opened: 03/14/2023 Two (2) Proposals Received Public Evaluation Meeting: 04/11/2023 For Additional Information Contact: Dan Kruck The scope of work includes providing permitting, design, bid and post design engineering services to expand the Blacks Ford WRF from 6 to 12 MGD which will be constructed through a Construction Manager at Risk (CMAR) delivery method. The upgrades include, but not limited to: influent screening, two new oxidization ditches, improve existing oxidation ditches, three new secondary clarifiers, cloth disk filters, UV system, plant drain (sewer) pump stations, digester, reject storage, biosolids management, chemical system, I&C, new electrical bldg., generator, fuel tank, yard piping. JEA requested feedback from vendors as to why they did not submit and was told the size and timeline of the project were not the best fit for their firms. Negotiations were completed for the design portion of the scope of work. The hourly rates were compared to previous contracts and deemed reasonable. A contract increase will be brought before the Awards Committee for construction inspection services once the design has been completed. It is estimated that the design will be completed in May 2025, and construction will be completed in November 2027.										
5	Contract Increase	1410667446 Engineering Services for the Arlington East WRF Biosolids Forcemain	Melendez / Wastewater	Wright-Pierce, Inc.	Capital	\$2,438,040.00	\$250,440.61	\$2,688,480.61	N/A	Project Completion (Expected: December 2026)	#####
	Originally Awarded: 10/20/2022 For Additional Information Contact: Dan Kruck The scope of work for this contract increase includes preliminary and final design services, topographic survey, subsurface utility engineering (SUE), geotechnical and environmental field investigations, public outreach assistance, permitting, bidding assistance and limited construction administration phase services for the JEA selected route detailed in the previous analysis phase. The new 8 inch biosolids forcemain (FM) will be approximately 26,000 linear feet (LF) in length and begin at the AEWRF and terminate in the vicinity of University Boulevard (Blvd) North, approximately 300 feet north of Jack Road (Rd). This pipeline route consists of traveling west from the AEWRF through a new utility easement. The new utility easement will be adjacent to the powerline corridor and will be acquired by JEA. The FM will continue through a residential neighborhood to University Blvd North, then north to where the proposed new FM will cross the St. Johns River and terminate at University Blvd North. The proposed fee was negotiated and when compared to previous and current projects deemed reasonable. Design is estimated that design will be completed in November of 2024 and that construction will be completed in December of 2026.										

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Funding Source	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term	JSEB Participation (Y/N) If Y, then list company name(s)
Consent Agenda Action											
Committee Members in Attendance	Names	Ted Phillips, Laura Schepis, Delphine Maiden									
Motion by:	Laura Schepis,										
Second By:	Delphine Maiden										
Committee Decision	Approved										
Regular Agenda (date last updated)											
Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term	JSEB Participation (Y/N) If Y, then list company name(s) (% , \$ - awarded)	Action
1	IFB	1411251046 - Nassau Regional Water Reclamation Facility – Fiber Optic Construction, Installation, and Testing	Selders	Cook Electrical, Inc.	Capital	N/A	\$695,177.50	N/A	Project Completion (Estimated 06/20/23 through 09/27/23)	N/A – Optional	Motion by: Laura Schepis, Second by: Delphine Maiden Committee Decision: Approved
	Advertised: 05/09/2023 Proposals Opened: 05/31/2023 One (1) Proposal Received For additional information contact: Nickolas Dambrose										
	Two (2) bidders attended the optional Pre-Bid Meeting on 05/18/2023. JEA typically has a difficult time getting high participation for fiber optic work. To understand reasons for low participation, JEA sought correspondence with other potential bidders. Three additional bidders declined to participate because of their existing workloads.										
	This award requests Cook Electrical, Inc. to provide fiber optic construction, installation, and testing at Nassau Regional Water Reclamation Facility in Yulee, Nassau County. When completed this award will provide high speed data transmission, data security and data reliability for the Nassau Regional Water Reclamation, along with expanding JEA fiber optic network into Nassau County.										
	This award is \$105,000.00 less than the business unit estimate and will be fully funded from its original budget funding source. JEA also specified that the cost of payment and performance bonds were included in the pricing solicitation for this award.										
Consent and Regular Agenda Signatures											
Budget	Name/Title	<u>Stephanie M. Nady</u>									
Awards Chairman	Name/Title	<u>Theodore B. Phillips</u>									
Procurement	Name/Title	<u>JDM</u>									
Legal	Name/Title	<u>Rebecca Lavis</u>									

2022-1199**Seabrook Village Phases 2 & 3**

Number	Bid Item	John Woody Inc	Vallencourt
1	Mobilization	\$3,000.00	\$12,452.56
2	Erosion and Sediment Control	\$500.00	\$5,763.00
3	Storm water pollution prevention plan	\$1,000.00	\$2,907.26
4	JEA Potable Water Distribution System (16")	\$1,379,850.00	\$1,495,210.54
5	Subouts	\$62,916.00	\$66,303.00
6	Potable water asbuilts	\$7,000.00	\$5,892.68
7	Testing	\$500.00	\$1,139.19
8	Contractor Education Requirements/NEWRAP	\$100.00	\$500.00
9	Payment and performance bond	\$15,000.00	\$15,922.69
10	Warranty Bond/Maintenance Bond	\$100.00	\$2,100.00
	Subtotal	\$1,469,966.00	\$1,608,190.92
11	Bid Alternate - Potable Water Distribution System (8")	\$550,700.00	\$593,537.50
	Subtotal	\$640,816.00	\$706,517.88
	Difference between 16" and 8"	\$829,150.00	\$901,673.04

R&B Contracting

\$25,000.00

\$11,000.00

\$5,000.00

\$2,275,000.00

\$101,000.00

\$11,000.00

\$5,000.00

\$2,000.00

\$68,300.00

\$25,000.00

\$2,528,300.00

\$711,900.00

\$965,200.00

\$1,563,100.00

**PROPOSAL
(OFFICIAL BID FORM)**

**SEABROOK VILLAGE Ph 2 & 3
POTABLE WATER MAIN**

FOR

SONOC COMPANY, LLC

TO BE SUBMITTED TO:

**SONOC Company, LLC
c/o Connelly & Wicker, Inc.
10060 Skinner Lake Drive
Suite 500
Jacksonville, Florida 32246**

TO: SONOC Company, LLC

**FROM: John Woody, Inc.
(Contractor)**

In accordance with the Request for Proposal inviting proposals for Seabrook Village Ph 2 & 3 Potable Water Main, the undersigned proposes to construct all work, or portion thereof, necessary to install complete utilities, including potable water as shown on plans and described in this Official Bid Form, prepared by Connelly & Wicker Inc., and ECS Florida, LLC Report dated September 15, 2021 (Project No. 35:31868) and in accordance with the St. Johns County, JEA, FDEP, and the St. Johns River Water Management District permits.

It is likely that construction will be underway on adjacent properties during the course of the construction within the bid. All bids shall include maintaining access to adjacent properties and/or projects along, through, or adjacent to Seabrook Village at Nocatee. This bid will include coordination with the Seabrook Village Ph 2&3 subdivision contractor.

Schedule - Time is of the essence for the construction of this project. The Contractor shall prepare its bid based on a construction schedule submitted by the contractor.

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

SEABROOK VILLAGE PH 2 & 3 - POTABLE WATER MAIN

BID SUMMARY

Item No. & Description	TOTAL
1. MOBILIZATION	\$ 3,000.00
2. EROSION AND SEDIMENT CONTROL	\$ 500.00
3. STORM WATER POLLUTION PREVENTION PLAN	\$ 1,000.00
4. JEA POTABLE WATER DISTRIBUTION SYSTEM	\$ 1,379,850.00
5. STUBOUTS	\$ 62,916.00
6. POTABLE WATER AS-BUILTS	\$ 7,000.00
7. TESTING	\$ 500.00
8. CONTRACTOR EDUCATION REQUIREMENTS / NEWRAP	\$ 100.00
9. PAYMENT AND PERFORMANCE BOND	\$ 15,000.00
10. WARRANTY BOND/MAINTENANCE BOND	\$ 100.00
TOTAL (ITEMS 1 - 10)	\$ 1,469,966.00
11. BID ALTERNATE - POTABLE WATER DISTRIBUTION SYSTEM	\$ 550,700.00
ALTERNATE TOTAL (ITEMS 1-3 & 5-11)	\$ 640,816.00

Item 2

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

1. MOBILIZATION - Includes the preparatory work and operations in mobilizing to begin the work and demobilizing upon completion of work on the project. Work will include any site preparation necessary for construction. This item will be paid for on a percentage of total construction complete basis. Schedule and coordination with construction of the adjacent property is imperative; the contractor must be prepared to mobilize at the time dictated by the owner.

TOTAL

LUMP SUM PRICE: \$ 3,000.00 (Numerals)
THREE THOUSAND DOLLARS (Written)

2. EROSION AND SEDIMENT CONTROL - Includes all measures that are required to comply with the State of Florida water quality standards. This includes, but is not limited to silt screens, hay bales, sodding, settling ponds or other such measures that shall prevent the discharge of turbid waters from the site and minimize erosion of all graded areas. This item will be paid for on a percentage of total construction complete basis. This item shall include fine grading and grassing to stabilize all disturbed areas.

TOTAL

LUMP SUM PRICE: \$ 500.00 (Numerals)
FIVE HUNDRED DOLLARS (Written)

3. STORM WATER POLLUTION PREVENTION PLAN - The contractor shall adhere to all Federal rules and regulations regarding the National Pollutant Discharge Elimination System (NPDES) for construction and ground water discharge. The Storm Water Pollution Prevention Plan (SWPPP) included in these plans shall establish the minimum requirements allowed. The contractor shall implement additional measures, as required, to ensure compliance with the NPDES requirements.

TOTAL

LUMP SUM PRICE: \$ 1000.00 (Numerals)
ONE THOUSAND DOLLARS (Written)

Item 2

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

4. JEA POTABLE WATER DISTRIBUTION SYSTEM - This item includes the 16" WM within the Conservation Trail and Reflections Avenue R/W's. This item includes tees and service saddles but does not include the valve and stubout to future development, nor the services. It includes the construction of the water distribution system complete, including all pipe, valves, hydrants, fittings, connections, testing, and disinfection, flushing hydrants and the removal, disposal and replacement of any unsuitable material encountered, and all other work necessary to complete the installation of the system. This item shall include all coordination with Seabrook Village Ph 2 & 3 subdivision contractor. Excess unsuitable material shall be disposed of offsite up to the basis of bid amount.

Basis of Bid: 1,000 Cubic Yards Unit Price: \$ 10.00 per Cubic Yard

TOTAL

LUMP SUM PRICE: \$ 1,379,850.00 (Numerals)

ONE MILLION THREE HUNDRED SEVENTY NINE (Written)
THOUSAND EIGHT HUNDRED FIFTY DOLLARS

5. STUBOUTS AND SERVICES - Includes the potable water stubouts from the mains identified in ITEM 4. The stubout is defined as the valve, and adequate FDEP and JEA approved stub-outs as described in JEA Water, Wastewater & Reclaimed Water Design Guidelines dated March 2022 section 4.19. This item also includes the water services, with exception of the service saddles which are included in ITEM 4.

TOTAL

LUMP SUM PRICE: \$ 62,916.00 (Numerals)

SIXTY TWO THOUSAND NINE HUNDRED SIXTEEN DOLLARS (Written)

6. POTABLE WATER AS-BUILTS - Includes the preparation and submittal of all potable water as-builts including all crossings with reclaimed water, storm, and force main as required by the Florida Department of Environmental Protection, JEA, and St. Johns County.

TOTAL

LUMP SUM PRICE: \$ 7,000.00 (Numerals)

SEVEN THOUSAND DOLLARS (Written)

7. TESTING - The costs for all testing associated with the construction of the roadway, embankment, backfill, etc., are to be included in the Contractor's Contract. This may include, but is not limited to, all LBR tests, compaction tests, etc. The Owner must approve the Contractor's testing company.

TOTAL

LUMP SUM PRICE: \$ 500.00 (Numerals)

FIVE HUNDRED DOLLARS (Written)

Item 2

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

8. CONTRACTOR EDUCATION REQUIREMENTS / NEWRAP - Includes all costs of contractor education in accordance with project specifications.

TOTAL

LUMP SUM PRICE: \$ 100.00 (Numerals)

ONE HUNDRED DOLLARS (Written)

9. PAYMENT AND PERFORMANCE BOND - Includes Payment Bond and a Performance Bond for the total Contract amount.

TOTAL

LUMP SUM PRICE: \$ 15,000.00 (Numerals)

FIFTEEN THOUSAND DOLLARS (Written)

10. WARRANTY BOND/MAINTENANCE BOND - Includes warranty/maintenance bonds for the improvements as set forth by JEA, or St. Johns County.

TOTAL

LUMP SUM PRICE: \$ 100.00 (Numerals)

ONE HUNDRED DOLLARS (Written)

11. BID ALTERNATE - POTABLE WATER DISTRIBUTION SYSTEM - This item includes an 8" water main in lieu of the 16" water main within the Conservation Trail and Reflections Avenue R/W's. This item includes tees and service saddles but does not include the valve or stubout to future development. It includes the construction of the water distribution system complete, including all pipe, valves, hydrants, fittings, connections, testing, and disinfection, flushing hydrants and the removal, disposal and replacement of any unsuitable material encountered, and all other work necessary to complete the installation of the system. This item shall include all coordination with Seabrook Village Ph 2 & 3 subdivision contractor. Excess unsuitable material shall be disposed of offsite up to the basis of bid amount.

Basis of Bid: 1,000 Cubic Yards

Unit Price: \$ 10.00 per Cubic Yard

TOTAL

LUMP SUM PRICE: \$ 550,700.00 (Numerals)

FIVE HUNDRED FIFTY THOUSAND SEVEN HUNDRED DOLLARS (Written)

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

GENERAL NOTES:

1. The Contractor shall submit a detailed construction schedule with the bid proposal that outlines time frames for major work items. This schedule will be used in bid evaluation.
2. The Contractor is required to perform all tests as required by St. Johns County and applicable utility companies prior to project acceptance.
3. The Contractor is responsible for visually inspecting the entire site prior to submitting bids and notifying the Engineer of discrepancies, which may affect the construction and its cost.
4. The selected Contractor will be required to submit an itemized schedule of values outlining all work items that will be used for monthly pay requests.
5. Standard contract documents as provided by the Owner will be used for the Contract and General Conditions.
6. Stub out all utilities beyond pavement edge as needed to continue into next phase and not disturb pavement of previous phase.
7. The Owner will provide the following survey stakeout work for the Contractor. All other necessary survey work must be provided by the Contractor.
 - (1) Project Benchmark
 - (2) Roadway Center Points
8. The Contractor shall be responsible for coordinating, and his bid includes, all work necessary with all utility companies.
9. The Contractor shall be responsible for coordinating the work necessary to complete all final approvals and acceptances as required by the Owner, JEA, FDEP, and St. Johns County.
10. Contractor shall complete his work in a professional and workman like manner typical of his industry.
11. There shall be no sections or parts missing. Further, the work shall be complete and able to function for its intended use. The work must be continuous.
12. All storm drainage must be maintained to each property owner during construction. If this does not occur, the Contractor will be responsible for any damage that may result.
13. Burning of clearing debris generated on this project area may be burned as allowed by the St. Johns County Fire Marshall.
14. Water and Sewer As-Builts must include elevations on all water/reclaimed water, water / storm, water / force main and water/sanitary crossings.
15. The Contractor shall specify subcontractors to be used for major work items.
16. Where so indicated in the Bid Proposal, lump sum prices shall be expressed (printed or typed) in words and numerals, and in the case of discrepancy between the two, the amount expressed in words shall govern.

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

17. The Contractor's attention is called to the attached Reports of Geotechnical Exploration. All construction shall be completed in accordance with this report. The entire site is available to any bidder for surface or subsurface investigation. In addition, the Geotechnical Exploration report identifies certain ground water depths. The bidders are cautioned that these depths may not be representative of conditions as they exist today and should be field verified.
18. The Contractor must comply with and include in his bid all costs associated with compliance with the Florida Trench Safety Act.
19. Contractor shall secure and pay for all applicable paving and drainage construction permits, building permits, right- of-way construction permits, county "clearance sheet" permit, electrical permit, water and electrical meters, installation fees, electrical inspection fees, if any required.

The undersigned Bidder has examined and read all Plans, Specifications, General and Special Conditions, and other Contract Documents and all Addenda thereto; and is acquainted with and fully understands the extent and character of the work covered by this Proposal and the specified requirements for the proposed work and submits this Bid with no unanswered questions.

The undersigned Bidder certifies that he has carefully examined the foregoing Proposal after the same was completed and has verified every item placed thereon; and agrees to indemnify, defend and save harmless the Owner and/or Engineer against any cost, damage or expense which may be incurred by any error in his preparation of same.

The undersigned Bidder agrees that he understands the following items:

The Owner reserves the right to reject any or all Bids, waive informalities in any Bid, make award in part of whole with or without cause, and to the award in what is deemed to be the best interest of the Owner.

20. BIDDER accepts all of the terms and conditions of the invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid Security. This Bid will remain subject to acceptance for one hundred-eighty (180) calendar days after the day of Bid opening. BIDDER will sign and deliver the required number of counterparts of the Agreement with the Bonds and other documents required by the Bidding Requirements within seven (7) calendar days after the date of OWNER's Notice of Award.
21. In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement, that:
 - a. BIDDER has visited the site and become familiar with and is satisfied as to the general, local, and site conditions that may affect cost, progress, performance and furnishing of the work.
 - b. BIDDER is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, performance and furnishing of the Work.
 - c. BIDDER has carefully studied all reports of explorations and tests of subsurface conditions at or contiguous to the site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site which have been identified in the Contract Documents.

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

- d. BIDDER acknowledges that OWNER and ENGINEER do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Bidding Documents with respect to Underground Facilities at or contiguous to the site. BIDDER has obtained and carefully studied (or assumes responsibility for having done so) all such additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the site or otherwise which may affect cost progress, performance, or furnishing of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by BIDDER and safety precautions and programs incident thereto. BIDDER does not consider that any additional examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance and furnishing of the Work in accordance with the times, price, and other terms and conditions of the Contract Documents.
 - e. BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the site, reports, and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.
 - f. BIDDER has given ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that BIDDER has discovered in the Contract Documents and the written resolution thereof by ENGINEER is acceptable to BIDDER, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.
22. The Work to be performed under this Agreement shall be commenced no later than ten (10) days from the Notice to Proceed and will be Substantially Completed within ninety (90) calendar days from the date the Contract Times commence to run as noted in the Notice to Proceed and completed and ready for Final Payment within one hundred twenty (120) calendar days from the date the Contract Times commence to run as noted in the Notice to Proceed. Should the Contractor or, in case of his default, the Surety fail to complete work within the time stipulated in the contract, or within such extra time as may have been granted by the Owner, the Contractor or, in case of his default, the Surety shall pay to the Owner, not as a penalty but as liquidated damages, the amount of \$2,500.00 per calendar day beyond substantial completion.
22. Before starting and until acceptance of the Work by JEA, and without further limiting its liability under the contract, the BIDDER shall procure and maintain insurance of the types and in the amounts stated in Attachment E, Insurance Requirements.
23. The following documents are attached to and made a condition of this Bid:
- a. Attachment A – Bidder's Sworn Affidavit;
 - b. Attachment B – List of Proposed Subcontractors;
 - c. Attachment C – Certificate of Compliance with Florida Trench Safety Act;
 - d. Attachment D – Bid Bond;
 - e. Letter of Qualification for Performance and Payment Bonds;
 - f. Contractor's Licenses;
 - g. Initial Project Schedule.

Item 2

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

24. Communications concerning this Bid shall be addressed to:

The address of the BIDDER indicated below:

P.O. BOX 60218

JACKSONVILLE, FL 32236

Telephone Number: (904) 783-2411

25. Terms used in Bid which are defined in the General Conditions, Supplementary Conditions, or Instructions will have the meanings indicated in the General Conditions, Supplementary Conditions, or Instructions.

Item 2

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

We, the Undersigned, hereby declare that no person, persons, firm, or corporation, other than the undersigned, are interested in this proposal as principals and that this Proposal is made without collusion with any person, firm, or corporation.

CORPORATE/COMPANY

Company Name: JOHN WOODY, INC. (Seal)

By:  MICHAEL KIVLIN

(Name Typed or Printed)

By:  MICHAEL WOODALL

(Name Typed or Printed)

Address: P.O. BOX 60218, JACKSONVILLE, FL, 32236

Telephone No: (904) 783-2411

State Contractor License Number: CUC1225487

Federal ID Tax Number: 59-1896667

INDIVIDUAL

Name: _____
(Signature) (Name Typed or Printed) (Title)

Address: _____

Telephone No: (____) _____

Federal L.D.D. Tax Number: _____

Item 2

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. N/A Date: N/A Acknowledged by: N/A

Addendum No. Date: Acknowledged by:

Addendum No. Date: Acknowledged by:

Addendum No. Date: Acknowledged by:

MICHAEL WOODALL

President

JON WOODALL

Secretary

ALICIA KIVLIN

Treasurer


If Corporation, affix Corporate Seal

CUC1225487

License No.

MICHAEL KIVLIN

Name of Bidder

 Vice President

Signature and Title

(904) 783-2411

Business Telephone

(904) 982-1254

Emergency Telephone

P.O. BOX 60218, JACKSONVILLE

Business Address

FL, 32236

State and Zip Code

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

ATTACHMENT A

BIDDER'S SWORN AFFIDAVIT

TO: SONOC COMPANY, LLC

At the time the proposal is submitted, the Bidder shall attach to his Bid a sworn statement.

This sworn statement shall be an affidavit in the following form, executed by an officer of the firm, association, or corporation submitting the proposal, and shall be sworn to before a person who is authorized by law to administer oaths.

STATE OF FLORIDA COUNTY OF DUVAL

Before me, the Undersigned authority, personally appeared who being duly sworn, deposes and says he is VICE PRESIDENT of JOHN WOODY, INC.
(Title) (Firm)

The Bidder submitting the attached proposal for the work covered by the Documents in

Bid No: SEABROOK VILLAGE PHASE 2 & 3 POTABLE WATER MAIN

The affiant further states that no more than one proposal for the above-referenced project will be submitted from the individual, his firm, or corporation under the same or different name, and that such Bidder has no financial interest in the firm of another bidder for the same work. That he, his firm, association, or corporation has neither directly, nor indirectly entered into any agreement, participated in any collusion, nor otherwise taken any action in restraint of free competitive bidding in connection with this firm's Bid on the above-described project. Furthermore, neither firm nor any of its officers are barred from participating in public contract lettings in the State of Florida or any other state.

JOHN WOODY, INC.

(Bidder)

By: [Signature]

(Signature)

VICE PRESIDENT

(Title)

Sworn and subscribed to me this 16th day
of December, 2019²²

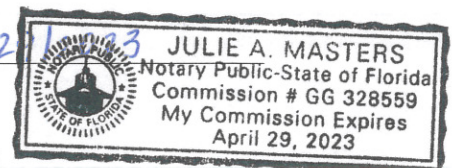
Notary Public

Signature: [Signature]

Printed: Julie A. Masters

My Commission

Expires: 4/21/2023



NOTE: This form must be completed and attached to the Bidder's Bid Proposal.

Item 2

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

ATTACHMENT B

LIST OF PROPOSED SUBCONTRACTORS

List shall include the name of each Subcontractor where the amount of their work exceeds five percent (5%) of the Contract Price. Indicate percentage of Contract Price for each subcontractor listed. Attach additional information as needed.

Subcontractor No. 1

Name: N/A
Description of Work:
Percent of Contract Price:
Previous Experience Together:

Subcontractor No. 2

Name: N/A
Description of Work:
Percent of Contract Price:
Previous Experience Together:

Subcontractor No. 3

Name: N/A
Description of Work:
Percent of Contract Price:
Previous Experience Together:

Subcontractor No. 4

Name: N/A
Description of Work:
Percent of Contract Price:
Previous Experience Together:

Subcontractor No. 5

Name: N/A
Description of Work:
Percent of Contract Price:
Previous Experience Together:

Note: This form must be completed and attached to the Bidder's Bid Proposal.

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

ATTACHMENT C

CERTIFICATE OF COMPLIANCE WITH FLORIDA TRENCH SAFETY ACT

Bidder acknowledges that he is solely responsible for complying with the Florida Trench Safety Act (ACT) and Occupational Safety and Health Administrations excavation safety standard 29 CFR 1926.650 (Subpart P as amended). Bidder further acknowledges that included in the various items of the proposal and in the Total Aggregate Lump Sum Bid Price are costs for complying with the Florida Trench Safety Act (90-96, Laws of Florida) effective October 1, 1990 and the Occupational Safety and Health Administrations excavation safety standard.

By: JOHN WOODY, INC.

Date: 12/19/22



Authorized Signature

NOTE: This form must be completed and attached to the Bidder's Bid Proposal

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

ATTACHMENT D

BID BOND

[STATE OF FLORIDA]

[COUNTY OF: Duval]

KNOW ALL PERSONS BY THESE PRESENTS That we, John Woody, Inc.
(hereinafter called "Principal"), and Travelers Casualty & Surety Company of America as Surety (hereinafter
called "Surety"), are held and firmly bound unto the SONOC COMPANY, LLC (hereinafter called the
"Owner"), in the sum of \$ 5% lawful money of the United States of America, for the
payment which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators,
and successors, jointly and severally, firmly by these presents:

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

Seabrook Village Phase 2 & 3 Water Main

WHEREAS, it was a condition precedent to the submission of said Bid that certified check or Bid
Bond in the amount of \$ 5% be submitted with said Bid as a guaranty that the
Principal would, if awarded the contract, enter into a written contract with the Owner and furnish a Section
255.05 Florida Statutes Contract Bond in an amount equal to Five Percent of Bid Amount for the
performance of said contract, within seven (7) consecutive calendar days after written notice being given
of acceptance by the Owner.

NOW, THEREFORE, THE CONDITIONS OF THIS OBLIGATION ARE SUCH, that if the Bid of
the Principal herein be accepted and said Principal, within seven (7) consecutive calendar days after written
notice being given of such acceptance, enters into a written contract with the Owner, and furnishes a Section
255.05, Florida Statutes Contract Bond in an amount equal to Five Percent of Bid Amount satisfactory to the
Owner, then this obligation shall be void; otherwise, the sum herein stated shall be due and payable to the
Owner, and the Surety herein agrees to pay said sum immediately upon demand of said Owner, in good
and lawful money of the United States of America; as liquidated damages for failure thereof said Principal.

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

IN WITNESS WHEREOF, the said Principal and the said Surety have duly executed this bond the
5th day of December 2022

ATTEST:



Signature

Michael Kivlin

Type/Print Name



Signature

Julie Masters

Type/Print Name

John Woody, Inc.

(Principal Company Name)



Signature

MICHAEL WOODALL

Type/Print Name

President

Title

AS PRINCIPAL

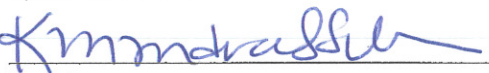
Signed, Sealed, and Delivered
in the Presence of:



Signature

Corey Garcia

Type/Print Name



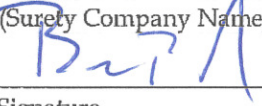
Signature

Kassandra Sullins

Type/Print Name

Travelers Casualty & Surety Company of America

(Surety Company Name)



Signature

Benjamin Powell

Type/Print Name

Attorney-in-Fact

Title

AS SURETY

Name of Agent: Benjamin Powell

Address: 219 N Newnan St

Jacksonville, FL 32202

Countersigned:

By: 

Name of Firm: Cecil W. Powell and Company

Address: 219 N Newnan St

Jacksonville, FL 32202

Form Approved:

Assistant General Counsel

PROPOSAL
(OFFICIAL BID FORM)
SEABROOK VILLAGE PH 2 & 3
POTABLE WATER MAIN

ATTACHMENT E

INSURANCE REQUIREMENTS

Before starting and until acceptance of the Work by JEA, and without further limiting its liability under the Contract, Developer shall procure and maintain at its sole expense, or shall require its contractor to procure and maintain, insurance of the types and in the minimum amounts stated below:

Workers' Compensation

Florida Statutory coverage and Employer's Liability (including appropriate Federal Acts); Insurance Limits: Statutory Limits (Workers' Compensation) \$500,000 each accident (Employer's Liability).

Commercial General Liability

Premises-Operations, Products-Completed Operations, Contractual Liability, Independent Contractors, Broad Form Property Damage, Explosion, Collapse and Underground, Hazards (XCU Coverage) as appropriate; Insurance Limits: \$1,000,000 each occurrence, \$2,000,000 annual aggregate for bodily injury and property damage, combined single limit.

Automobile Liability

All autos-owned, hired, or non-owned; Insurance Limits: \$1,000,000 each occurrence, combined single limit.

Excess or Umbrella Liability

(This is additional coverage and limits above the following primary insurance: Employer's Liability, Commercial General Liability, and Automobile Liability); Insurance Limits: \$2,000,000 each occurrence and annual aggregate.

Developer's Commercial General Liability, Excess or Umbrella Liability and Professional Liability (if applicable) policies shall remain in force throughout the duration of the project and until the Work is completed to JEA's satisfaction. The Indemnification provision provided herein is separate and is not limited by the type of insurance or insurance amounts stated above.

Developer shall specify JEA as additional insured for all coverage except Workers' Compensation and Employer's Liability. Such insurance shall be primary to any and all other insurance or self-insurance maintained by JEA. Company shall include a Waiver of Subrogation on all required insurance in favor of JEA, their board members, officers, employees, agents, successors and assigns.

Such insurance shall be written by a company or companies licensed to do business in the State of Florida and satisfactory to JEA. Prior to commencing any Work under this Contract, certificates evidencing the maintenance of the insurance shall be furnished to JEA for approval. Company's and its subcontractors' Certificates of Insurance shall be mailed to JEA (Attn. Risk Management Services), 21 West Church Street, T12, Jacksonville, FL 32202-3139.

The insurance certificates shall provide that no material alteration or cancellation, including expiration and non-renewal, shall be effective until thirty (30) days after receipt of written notice by JEA.

Any contractors or subcontractors of Developer shall procure and maintain the insurance required of Developer hereunder during the life of the subcontracts. Subcontractors' insurance may be either by separate coverage or by endorsement under insurance provided by Developer. Developer shall submit subcontractors' certificates of insurance to JEA prior to allowing Subcontractors to perform Work on JEA's job sites.

COST PARTICIPATION PROJECT

Name: Seabrook Village Phases 2 & 3

2/21/2023

Availability number: 2022-1199

Development Size: Supports the Nocatee Development

Background:

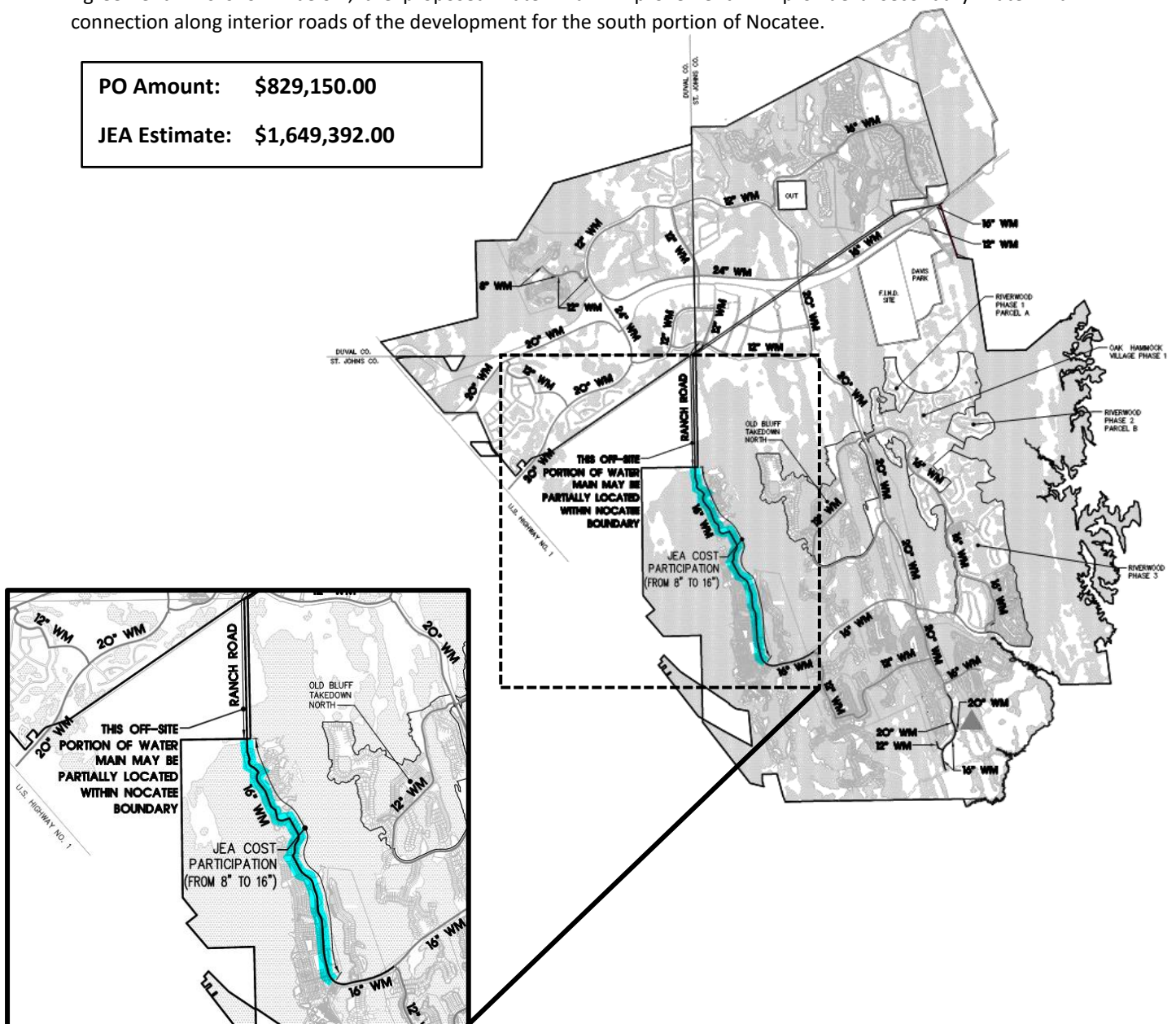
The Seabrook Village Phases 2 & 3 project is part of the Nocatee Development and includes improvements covered in the Nocatee Developer and Utility Service Agreement. The proposed water main will complete a secondary water main connection to the Nocatee Development that is essential for service redundancy.

Justification:

This project is developer driven, so all design and engineering was completed by the developer at their cost (no JEA funds for design). JEA Development has reviewed and approved the construction plan submittal. Per the Developer Agreement, the Developer bid the project in accordance with JEA guidelines and the work has been awarded to the lowest bidder. The project elements are comprised of 7,650 feet of 16" transmission water main. JEA is responsible for construction cost difference between an 8" and 16" water main per the terms of the of the Nocatee Agreement. As shown below, the proposed water main improvement will provide a secondary water main connection along interior roads of the development for the south portion of Nocatee.

PO Amount: \$829,150.00

JEA Estimate: \$1,649,392.00



**ATTACHMENT A
TO
TASK AUTHORIZATION**

TASK NO. BV-792

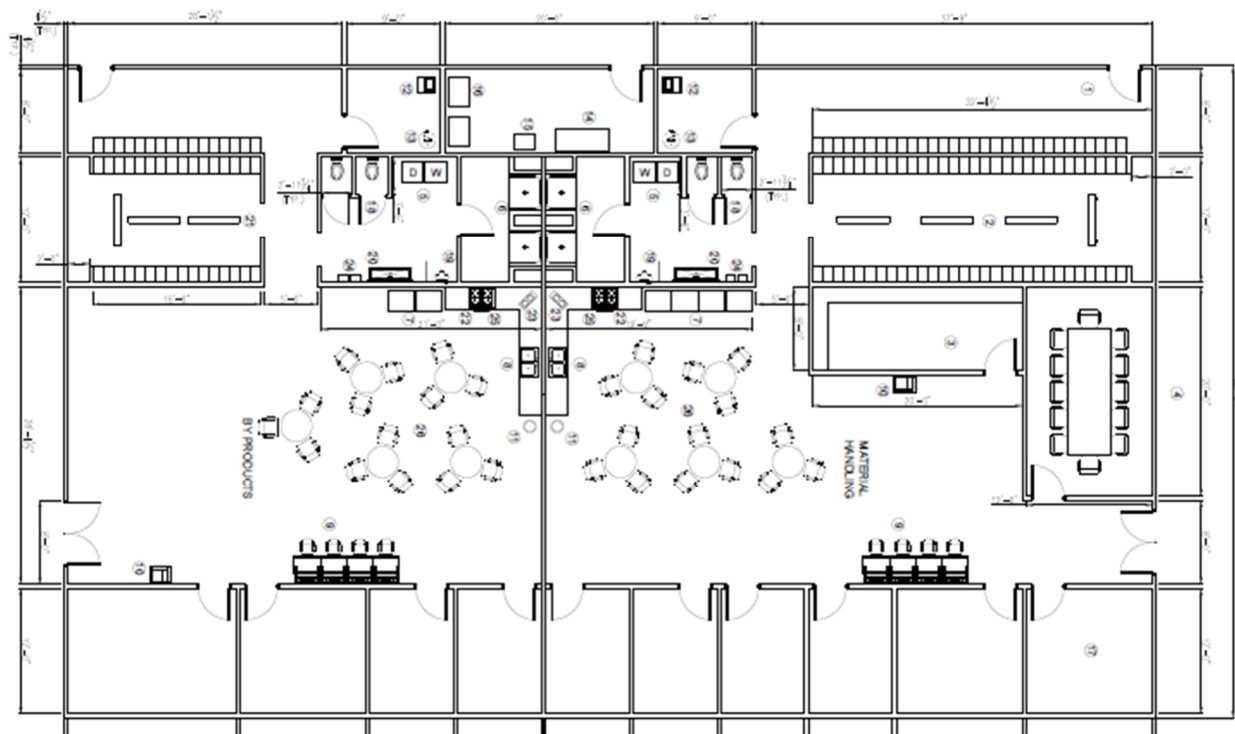
NGS Material Handling / By Products Building

SCOPE OF SERVICES

This Attachment A is attached to and a part of the TASK Authorization for TASK No. BV-792, and as such is a part of JEA Contract #171457 for **General Engineering Services – Electric Generating Plants** (Services); between JEA (Owner) and Black & Veatch Corporation (Company), dated 15 January 2018, hereinafter the AGREEMENT.

BACKGROUND

Due to the age of the existing Material Handling and By Product Facilities and the atmosphere that they endure, they are in need of replacement. These facilities will be replaced with a single rigid frame metal building on a concrete slab with interior partitions to accommodate material handling on one side and By Products on the other. The building will be approximately 65-foot-wide x 110 foot long with locker rooms, restrooms, showers, laundry rooms, managers offices, crew lead offices, open areas for meals and breaks, conference rooms and kitchens for each department. Each side will have its own HVAC system, Fire sprinkler system, dedicated entrance through a mud room to aid in housekeeping. The conceptual layout is shown below.



**BY PRODUCTS MATERIAL HANDLING
COMBINED FACILITIES PLAN**

NGS Material Handling / By Products Building **SCOPE OF SERVICES (continued)**

The facility will be erected on the present training trailer site that will be removed in January 2023, allowing relocations to occur with minimal disruption.

The work will be engineered by the Consultant and bid out to achieve the best available price.

SCOPE OF SERVICES

JEA has requested engineering services from CONSULTANT to replace the existing the material handling and by products facilities at the Northside Generating Station with a single rigid frame building on concrete the slab. CONSULTANT will provide the following scope of services:

Task 1 – Building Layout: The Consultant will prepare a general layout drawing showing the selected location and the arrangement for the new building.

Task 2 – Foundation Design: The Consultant will provide detailed design drawings for the pre-engineered metal building foundation. Foundation design will include plans, sections, and detail drawings. These drawings will be issued for client review, bid issue, and approved for construction. The approved for construction issue will be released after receipt of the Contractor's building design details.

Task 3 – Building Utilities Design: The Consultant will provide detailed design drawings to route electrical, fire water, potable water and sanitary drains from the Consultant identified terminal points to the new building. The mechanical design package will include P&IDs, piping arrangements, piping support details, and piping specifications. The electrical design package will include an electrical one-line markup, cable and conduit routing and lists, and cable specifications.

Task 4 – Building Technical Specification Development: The Consultant will develop technical specifications for a new pre-engineered metal building to be located at Northside Generating Station. The building specifications will include all necessary site specific, code, lighting, access, ventilation, fire protection, and space heating requirements.

Any furnished review comments will be addressed before being released for bid.

Task 5 – Building Bid Review: After receipt of the bids, the Consultant will evaluate up to three Contractor bids, technical portion only, for each package. A preferred Contractor will then be identified at which point Black & Veatch will assist with the negotiations and contract conformance process.

Task 6 – Post Bid Support: The Consultant will review then review technical submittals for compliance with the contract requirements.

ITEMS TO BE PROVIDED BY JEA

JEA shall provide the following:

1. Current Topographic Data.
2. Existing geotechnical data.
3. Existing permits and associated permit mods.
4. Timely responses to information and drawing requests prepared by CONSULTANT.

NGS Material Handling / By Products Building
SCOPE OF SERVICES (continued)

5. Provide access to the site, if required to complete the final arrangement and layout.

CLARIFICATIONS

The Scope of Services for this TASK Authorization is conditioned upon the following:

1. It is assumed existing geotechnical data is sufficient, and no additional investigation is included in the Scope of Work.
2. JEA to provide feedback on the material finishes to be specified for the building (cabinets, counters, lockers, toilets, etc.).
3. No modifications are assumed to be required to the existing facilities Stormwater Management System.
4. Permitting support is excluded but can be provided upon request for a fee.
5. Engineer's Certification at the end of Construction for Permit Closeout is based on inspections being conducted by Black & Veatch throughout the construction process, and the Contractor providing Certified As-Builts at project substantial completion.

DELIVERABLES

The deliverables for this Task Authorization will include the following documents.

1. Building Layout Drawings
2. Building Foundation Drawings
3. Building Utilities Design Drawings
4. Building Specification
5. Contractor Bid Evaluation Report

SCHEDULE

The Scope of Services will be performed in accordance with the following Milestone Schedule:

<u>Description</u>	<u>Completion</u>
Project Kickoff	Within one week after notice to proceed
Site Walkdown & Information Review	+ One week after project kickoff
General Layout Drawing for Review	+ Three weeks after site walkdown
Technical Specifications Issued	+ Five weeks after site walkdown
Foundation Design (Bid Issue)	+ Seven weeks after site walkdown**
Building Utilities Design	+ Seven weeks after site walkdown
Bid Specifications Package Issued Final	+ One week after receipt of JEA comments

NGS Material Handling / By Products Building
SCOPE OF SERVICES (continued)

Foundation Drawings Final

+ Two weeks after receipt Contractor Drawings

CONSULTANT will work closely with JEA to complete all tasks in a timely manner.

PROJECT PERSONNEL

CONSULTANT's Project Manager for this TASK Authorization will be James Walawender. The project team will be based in CONSULTANT's Jacksonville, FL office with specialty assistance from CONSULTANT's other offices as required.

COMPENSATION

Compensation shall be based on the Company's Rates as contained in Exhibit A of the AGREEMENT.

Based on the level of effort involved, the CONSULTANT'S compensation for each for the Scope of Work defined herein is shown below.

TASK	DESCRIPTION	HOURS	LABOR & OFFICE EXPENSES	TRAVEL & SUBCONTRACT EXPENSES	TOTAL PRICE
1	Building Layout	50	\$8,000	\$300	\$8,300
2	Foundation Design	120	\$19,200	\$0	\$19,200
3	Utilities Design	180	\$28,800	\$0	\$28,800
4	Specification Development	100	\$12,800	\$0	\$12,800
5	Building Bid Review	60	\$9,600	\$0	\$9,600
6	Post Bid Support	60	\$9,600	\$300	\$9,900
Totals			\$88,000	\$600	\$88,600

These services are proposed on a time and material basis in accordance with the existing General Services Agreement (JEA Contract #171457) and Black & Veatch's 2023 Billing Rate Schedule. Travel expenses for one site visit by two professionals from the Jacksonville, FL office have been included in this price.

Any additional work outside of the scope of work described in this proposal or follow-on work will be billed on a time and material basis. Additional or follow-on work will be mutually agreed upon prior to being performed.

Note that if JEA desires more or less services than that offered in this proposal, Black & Veatch will gladly adjust our estimates to reflect the level of effort desired. If you have any questions or require any additional information, please do not hesitate to contact Matt Blevins (913)458-9917 or James Walawender (913)458-9036.

**ATTACHMENT A
TO
TASK AUTHORIZATION**

TASK NO. BV-793

Intake Cell Repair

SCOPE OF SERVICES

This Attachment A is attached to and a part of the TASK Authorization for TASK No. BV-793, and as such is a part of JEA Contract #171457 for **General Engineering Services – Electric Generating Plants** (Services); between JEA (Owner) and Black & Veatch Corporation (Company), dated 15 January 2018, hereinafter the AGREEMENT.

BACKGROUND

The embedded channels used to support stop gates on the intakes to all three units at Northside are heavily corroded to the point where they are no longer able to seal as intended. The gates were designed to enable dewatering the area behind the gate with the 27-foot-deep river water on the opposite side. Each intake is approximately 11 feet wide and 27 feet high.

A diver inspection of the Unit 3 channel and surrounding concrete was performed. The inspection verified the concrete was intact on the upstream side of the channel. A modified gate was fabricated to seal against the concrete surface at the inlet in lieu of in the channels. The gate sealed to the surface but there were hair line cracks in the concrete that allowed water to seep behind the gate. Pumps were utilized and the inflow of water was handled, and the inspection completed.

The Consultant will need to design a system which would enable repair of the cracked concrete at the corners of the intake and replacement of the guide channels on all (8) eight intakes is requested.

SCOPE OF SERVICES

JEa has requested engineering services from CONSULTANT to dewater the eight (8) intake areas in a manner enabling replacement of the channels and repair of the cracked concrete from the south corners and north. CONSULTANT will provide the following scope of services:

Task 1 – Review of Diver’s Inspection Reports: The Consultant will review the Diver’s Inspection Reports for Units 1, 2, and 3 to assist in establishing the required concrete repairs.

Task 2 – Concrete Repair Details: The Consultant will prepare concrete repair details for the Unit 1, 2, and 3 intakes based on the findings from the diver’s inspection reports.

Task 3 – Intake Closure Design: The Consultant will develop an intake closure device which can be placed on the leading edge of each intake cell. Multiple devices may be required based on any dimensional differences between the intake cells.

Task 4 – Specifications: The Consultant will prepare specifications for the steel for the intake closure device and the concrete for repair of the intake structure.

Intake Cell Repair
SCOPE OF SERVICES (continued)

Task 5 – Post Bid Support: The Consultant will review then review technical submittals for compliance with the contract requirements.

ITEMS TO BE PROVIDED BY JEA

JEa shall provide the following:

1. Drawings showing opening sizes for each intake and beam details at the intakes
2. Unit 1 and Unit 2 intake survey and diver evaluation of the corners and the walls at the openings that the closure structures will interface with similar to what was done for the travel screen tracks on unit 3.
3. Timely responses to information and drawing requests prepared by CONSULTANT.
4. Provide access to the site, if required to complete the final arrangement and layout.

CLARIFICATIONS

The Scope of Services for this TASK Authorization is conditioned upon the following:

1. Schedule assumes the above information will be available shortly after award.
2. Schedule assumes a single review cycle for Black & Veatch design drawings and specifications.
3. All client reviews are assumed to be limited to 5 working days.
4. All drawings and document submissions will be electronic (i.e. no hardcopy submissions).
5. Scope of services does not include any field support during construction. Black & Veatch can provide pricing for these services as an option price upon request.

DELIVERABLES

The deliverables for this Task Authorization will include the following documents.

1. Intake closure design and installation details
2. Steel specifications
3. Concrete repair specifications

SCHEDULE

The Scope of Services will be performed in accordance with the following Milestone Schedule:

<u>Description</u>	<u>Completion</u>
Project Kickoff	Within one week after notice to proceed
Site Walkdown & Information Review	+ One week after project kickoff
Drawings and Specifications for Review	+ Six weeks after site walkdown

Intake Cell Repair
SCOPE OF SERVICES (continued)

Final Design Issued

+ Eight weeks after site walkdown

CONSULTANT will work closely with JEA to complete all tasks in a timely manner.

PROJECT PERSONNEL

CONSULTANT's Project Manager for this TASK Authorization will be James Walawender. The project team will be based in CONSULTANT's Jacksonville, FL office with specialty assistance from CONSULTANT's other offices as required.

COMPENSATION

Compensation shall be based on the Company's Rates as contained in Exhibit A of the AGREEMENT.

Based on the level of effort involved, the CONSULTANT'S compensation for each for the Scope of Work defined herein is shown below.

TASK	DESCRIPTION	HOURS	LABOR & OFFICE EXPENSES	TRAVEL & SUBCONTRACT EXPENSES	TOTAL PRICE
1	Review of Diver's Inspection Reports	40	\$8,320	\$0	\$8,320
2	Concrete Repair Details	200	\$35,920	\$0	\$35,920
3	Intake Closure Design	400	\$71,840	\$300	\$72,140
4	Steel and Concrete Specifications	80	\$17,440	\$0	\$17,440
5	Post Bid Support	60	\$13,080	\$300	\$13,380
Totals		780	\$146,600	\$600	\$147,200

These services are proposed on a time and material basis in accordance with the existing General Services Agreement (JEA Contract #171457) and Black & Veatch's 2023 Billing Rate Schedule. Travel expenses for one site visit by two professionals from the Jacksonville, FL office have been included in this price.

Any additional work outside of the scope of work described in this proposal or follow-on work will be billed on a time and material basis. Additional or follow-on work will be mutually agreed upon prior to being performed.

Note that if JEA desires more or less services than that offered in this proposal, Black & Veatch will gladly adjust our estimates to reflect the level of effort desired. If you have any questions or require any additional information, please do not hesitate to contact Matt Blevins (913)458-9917 or James Walawender (913)458-9036.



May 19, 2023

Jerry J. Kowalski, P.E.
Electric Systems Engineer
JEA
4377 Heckscher Drive
Jacksonville, FL, 32226
Email: kowajj@jea.com

Subject: Black & Veatch Proposal for JEA NGS Biomass Processing Project Permitting Support

Dear Mr. Kowalski:

Black & Veatch is pleased to submit this proposal to JEA to provide permitting support services for the Northside Generating Station (NGS) Biomass Processing project. We understand JEA is wanting to develop a site to use for biomass processing that will be blown into boilers 1 and 2 at NGS. The waste processing site is on JEA owned property, east of New Berlin Road and north of the NGS boilers. The intent is to have tree trimming companies deliver waste to the processing site. JEA will process the woody waste and truck to the nearby boiler feed system. JEA is seeking permitting services to obtain required approvals from the Florida Department of Environmental Protection (FDEP) and City of Jacksonville (COJ) to develop this project. Black & Veatch proposes to support this effort as described below.

Project Approach

The following describes the methodology that Black & Veatch will use to complete the project scope.

Task 1: Permitting Services

Black & Veatch will perform the following tasks to support obtaining COJ and FDEP permits to develop the Project.

COJ 10-SET PERMITTING PACKAGE

Black & Veatch will schedule and attend a pre-application meeting with COJ to get a clear direction on permitting requirements, deliverables, process, and time line. We will prepare written meeting notes that will be shared with COJ and JEA to ensure all parties have an agreed upon approach for permitting the project.

Black and Veatch will prepare the following deliverables as part of this permitting effort:

- Site Plan for Preliminary Review
- Final Site Plan
- Driveway Connection Plan
- Grading Design and Drainage Calculations

TOPOGRAPHIC SURVEY SCOPE OF WORK AND TECHNICAL SPECIFICATION

Black & Veatch will develop a scope of work and specifications for a topographic survey, which is required to support development of the engineering design plans. It is assumed that JEA will use the scope and specs to contract a qualified surveyor to perform the survey. BV is not proposing to perform or contract the survey.

ENVIRONMENTAL RESOURCE PERMIT (ERP) 10-2 SELF CERTIFICATION

Black & Veatch will develop the documentation and plans required for an ERP 10-2 Certification and will file the certification notice through FDEP's online business portal. In order to qualify for the 10-2 ERP, the site design must be limited to 10 acres of total project area and 2 acres of impervious/semi-impervious area.

SITE WORK PERMIT – TREE REMOVAL PLAN

Black & Veatch will prepare a site work permit application and tree removal plan that will be submitted to COJ after the COJ 10-Set plans are approved. The Tree Removal Plan will be based on tree survey data provided by JEA. It must signed and sealed by Registered Landscape Architect, which Black & Veatch will subcontract.

SWPPP AND EROSION AND SEDIMENT CONTROL PLAN

Black & Veatch will develop a stormwater pollution prevention plan (SWPPP) and erosion and sediment control plan to be included in ERP 10-2 submittal and for use by JEA's site development contractor. It is assumed JEA's contractor will file the Notice of Intent for Construction General Permit to discharge stormwater.

Task 2: JEA Solicitation Construction Package Support

Black and Veatch will support JEA's solicitation package process by providing the following services:

- Black & Veatch will develop Scope of Work and Technical Specifications to be included with JEA Solicitation for the Site Work and Tree Removal
- Black & Veatch will formalize the Permit Drawing Package to Issued for Bid Package to be included with JEA Solicitation Package
- Black & Veatch will attend the pre-bid meeting and support JEA in the bid review process.

Schedule

Black & Veatch proposes to perform the scope of work outlined in this proposal according to the following milestones.

MILESTONE	DATE
Project Kickoff	Within 1 week of receipt of PO
Topo Survey Spec Issued for JEA Review	Within 1 week of receipt of PO
Topo Survey Spec Issued for Solicitation	2 Days after receipt of JEA Comments
Preliminary Site Plan for JEA Review	1 Week after Project Kickoff
COJ Pre-Application Meeting	1 Week after receipt of JEA Comments to Prelim Site Plan and based on City Schedule
COJ 10-Set Permit Package for JEA Review	3 weeks after COJ Pre-Application Meeting or 2 weeks after receipt of Topo Survey
ERP 10-2 Permit Package for JEA Review (includes SWPPP)	3 weeks after COJ Pre-Application Meeting or 2 weeks after receipt of Topo Survey
COJ 10-Set Issued for Permit to CO	1 week after receipt of JEA comments
ERP 10-2 Permit Issued for Permit	1 week after receipt of JEA comments
Site Work Permit Issued for JEA Review	1 week after submittal of COJ 10-Set Package to COJ
Site Work Permit Issued for Permit to COJ	1 week after receipt of COJ 10-Set Approval
Site Package Issued for JEA Review	1 week after receipt of COJ 10-Set Approval
Site Package Issued for JEA Solicitation	1 week after receipt of JEA comments

Commercial Information

Pricing

Black & Veatch will provide the services defined in this proposal on a Time and Material (T&M) basis for an estimated price of \$95,100. This amount will not be exceeded without prior authorization from JEA. Invoices will be submitted on a monthly basis and will be invoiced according to our 2023 rate schedule, provided as Enclosure A.

Black & Veatch's proposal has not accounted for cost and schedule impacts related to COVID-19 or the military actions occurring in Ukraine and Eastern Europe. Black & Veatch will need to adjust our project execution plan (cost and schedule) to account for unexpected disruptions, suspensions, and impacts on the work caused by these ongoing uncertainties. For clarity, impacts resulting from a COVID-19 event or the Ukraine War will need to be jointly mitigated and negotiated as they arise.

Terms & Conditions

Black & Veatch proposes to perform the scope of work outlined in this proposal under the terms and conditions of our existing Contract # 171457. Please see the Task Authorization Form BV-794 for price and basis of estimate provided as Enclosure B.

Black & Veatch appreciates the opportunity to prepare this proposal, and we look forward to working together with JEA. on this important project. If you have any questions or require any additional information, please contact me (Tel: 407-419-3597), email: {Walkerlr@bv.com)}..

Very truly yours,

Lisa Walker

Black & Veatch Corporation
Lisa Walker
Environmental Project Manager

Enclosure(s)
Enclosure A : 2023 Rate Schedule
Enclosure B :TA Form BV-794

cc: John Barranco
James Walawender

Enclosure A. 2023 Rate Sheet

Item 3

CONFIDENTIAL ^{Note 2}

Black & Veatch

Billing Rates and Expense Schedule
for
Home Office Consulting Engineering Services
Calendar Year 2023

HOURLY BILLING RATES (see Client Billings and Notes)**Title/Description/Hourly Billing Rate (\$USD)****Project Administration**

Project accounting and office support including clerical, secretarial and billing.

Project Administration \$76.00

Technicians and Technical Support

Technical designers, drafters, and other technical support functions.

Associate Technician / Designer \$91.00
Staff Technician / Designer \$113.00
Lead Technician/Designer \$144.00
Senior Technician/Designer \$187.00

Engineering and Management

Engineering design, analysis, and management. Includes departmental and project assignments including project management, executives and engineering department management.

Associate Engineers \$105.00
Staff Engineers \$125.00
Design Engineers \$141.00
Project Engineers \$169.00
Senior Engineers \$225.00
Engineering Managers \$230.00
Project Managers \$240.00
Senior Project Managers \$270.00

Professionals and Professional Support

Professionals who assess and track the cost related to projects, perform planning and scheduling functions related to projects, provide procurement and construction support, provide permitting support, and support other project related activities.

Associate Professional \$88.00
Staff Professional \$139.00
Lead Professional \$191.00
Senior Professional \$238.00

Specialized Staff

Specialist staff that provide legal, scientific, economic, and related services.

Associate Specialist \$103.00
Staff Specialist \$135.00
Lead Specialist \$175.00
Senior Specialist \$236.00

Client Billings: Client shall pay to Engineer for the performance of the Services the sum of the following amounts unless the compensation is otherwise stated in the specific task assignment.

1. Labor cost will be billed as actual hours charged to this project by Black & Veatch personnel and in accordance with the rates above.
2. Typical and customary home office expenses, including computer related expenses (network server charges, PC usage charges, software and design application charges, printing, plotting, and server storage), reprographic services, document production, fax, telephone, postage/courier, etc. will be billed at a rate of \$10.00 per hour of direct billed labor.
3. Expenses for travel and lodging will be billed at actual cost. These expenses include cost such as air-fare, personal mileage, lodging, meals, motor vehicles rental, telephone, special rental equipment, etc.
4. Cost of 3rd party services and for non-customary office costs such as production printing will be billed at actual cost plus 10%.
5. Field assignments of longer than 60 days will be billed as actual hours charged to this project by Black & Veatch personnel in accordance with the rate sheet plus uplift as determined by current field services policy. Expenses for field assignments can be per diem, actual expenses, or a combination of both as specific to the assignment.
6. Overtime applies only to non-exempt personnel as defined by the US Federal Wage and Hour Law. Overtime will be billed as actual hours charged to this project by Black & Veatch personnel in accordance with the rate sheet plus 50%.
7. Any other professionals not specifically identified above will be placed in the most appropriate category above based on function and experience.

Notes:

1. Billing rates are subject to annual adjustment on each January 1.
2. This Rate Sheet contains information that may be privileged, confidential and exempt from disclosure under applicable law. Any unauthorized disclosure, copying, or distribution of this document or any of its contents is prohibited.

Enclosure B. TA Form BV-794

ENGINEERING/CONSTRUCTION SERVICES TASK AUTHORIZATION

Date:	5/19/23	Task #:	BV-794
Task Title:	JEA NGS Biomass Processing Area Permitting		
Contractor:	Black & Veatch	JEA GCS Admin:	Tim Byrnes
Contractor Rep:	Lisa Walker	JEA Task Mgr:	
SCOPE: Provide detailed description of task. Provide additional attachments if necessary.			
This section to be completed by Contractor with collaboration of the Task Manager.			
Original Scope:	Task 1 - Permitting Services		\$78,900
	1.1 COJ 10-Set Permitting Package – 196 Mhs		
	1.1.1 Pre-Application Meeting with COJ		
	1.1.2 Site Plan for Preliminary Review		
	1.1.3 Final Site Plan		
	1.1.4 Driveway Connection Plan		
	1.1.5 Grading Design and Drainage Calculations		
	1.2 Topographic Survey Scope of Work and Technical Specification – 10 Mhs		
	1.2.1 Black & Veatch will develop SOW and Spec		
	1.2.2 Topographic Surveyor to be directly contracted by JEA		
	1.3 Environmental Resource Permit (ERP) 10-2 Self Certification – 72 Mhs		
	1.3.1 Site Design will be limited to 10 acres of total project area and 2 acres of impervious/semi-impervious area to qualify for 10-2 Self Certification		
	1.4 Site Work Permit – Tree Removal Plan – 32 Mhs + RLA Subconsultant Fee		
	1.4.1 Submitted After Approval of 10 Set Review		
	1.4.2 Tree Removal Plan Require to be signed and Sealed by Registered Landscape Architect (Black & Veatch will use a Sub-Consultant)		
	1.5 SWPPP and Erosion and Sediment Control Plan - 38 Mhs		
	1.5.1 Black & Veatch will Develop SWPPP and Erosion and Sediment Control Plan to be included in ERP		
	Task 2 - JEA Solicitation Construction Package Support		\$16,200
	2.1 Black & Veatch will develop Scope of Work and Technical Specifications to be included with JEA Solicitation for the Site Work and Tree Removal – 20 Mhs		
	2.2 Permit Drawing Package will be formalized to Issued for Bid Package to be included with JEA Solicitation Package. – 42 Mhs		
	2.3 Pre-Bid Meeting and Bids Review Support – 12 Mhs		
Revision 1:			
Revision 2:			
Revision 3:			
COMPENSATION TYPE		COST SUMMARY	
<input checked="" type="checkbox"/> Time & Materials <input type="checkbox"/> Lump Sum		Original:	\$95,100.00
Under the terms of the JEA Contract # 171457 Contractor proposes to furnish labor, supervision, tools, equipment, materials, and transportation to perform this work at the direction of the JEA Task Manager.		Revision 1:	
		Revision 2:	
		Revision 3:	
		Total:	\$95,100.00
		(Target Cost per Scope)	

Engineer's Representative	
Acknowledged by:	Date:
<div style="display: flex;"> <div style="width: 15%; border-right: 1px solid black; padding-right: 5px;">Comments:</div> <div style="padding-left: 5px;"> <p>Our pricing is based on the following:</p> <ul style="list-style-type: none"> After COJ Pre-Application and initial preliminary Site Plan review, Black & Veatch can confirm Not-To-Exceed Task Fees based on more information of level of effort. No further Environmental/Ecological/Historical Survey's and Studies are included with this Scope of Work. It is assumed the exiting survey's and studies are sufficient. (1) Round of submittal and addressing AHJ comments is assumed. Permitting Fee's to be paid directly by JEA. Traffic Control Study is assumed to not be required and is not included in this Scope of Work Tree Removal Plans to be developed by Registered Landscape Architect sub-consultant is assumed to be a Not-to-Exceed Cost of \$8000. Actual sub-consultant fee will be directly passed through to JEA. Required Topographic Survey to be contracted directly by JEA via one of their preferred suppliers. It is assumed no COJ Water or Sewer permit or review is required Native electronic files in AutoCAD 2018 format or earlier to be provided by JEA or their Sub-Contractors for Tree Surveys, Environmental Surveys and Topographic Surveys for use by Black & Veatch in developing the Site Plans and Drainage Calculations. Black & Veatch will perform as Engineering of Record on permit. State of Florida requires EOR to perform inspections directly or with someone under their direct supervision during construction and to confirm as-built condition meets permits. This scope is not included in this Scope of Services. Black & Veatch can provide pricing for this service upon request. Scope of Services of Task 2 is up to Bid Support. Construction support services is not included in these Scope of Services, but Black & Veatch can provide pricing upon request for these services. </div> </div>	

**ATTACHMENT A
TO
TASK AUTHORIZATION**

TASK NO. BV-795

JEA CC SITE FEASIBILITY STUDY – PHASE 1B

SCOPE OF SERVICES

This Attachment A is attached to and a part of the TASK Authorization for TASK No. BV-795, and as such is a part of JEA Contract #171457 for **General Engineering Services – Electric Generating Plants** (Services); between JEA (Owner) and Black & Veatch Corporation (Company), dated 15 January 2018, hereinafter the AGREEMENT.

BACKGROUND

Black & Veatch will perform detailed design, performance and cost estimating for the gas fired combined cycle resource that is expected to be selected by JEA as a component of their near-term Action Plan resulting from the IRP. Results are intended to support further decision making by JEA concerning whether or not implementation of the resource is feasible.

The scope of work includes conceptual engineering, design, schedule, and cost estimating for Phase 1B, and preliminary site selection refinement.

SCOPE OF SERVICES

PHASE 1B: Complete Site Selection Tasks

2.1.4 Action Item List Creation and Maintenance

Black & Veatch will develop and maintain a spreadsheet action item list. List will be maintained, updated, and distributed weekly. Weekly conference calls will utilize this list as part of the agenda.

2.1.5 GT Technology Screening / Selection / Justification

Black & Veatch will evaluate and propose recommended technologies suitable to the power generation needs as defined by JEA. Black & Veatch with input from JEA will provide justification for the selection of a recommended technology package.

2.1.8 Heat and Water Balances

Black & Veatch will develop and prepare heat balances for the selected technologies including alternate options configurations and over the range of ambient temperatures for each site and annual average conditions. Water balances for the plant will be developed for the selected technologies including alternate options with written descriptions of water use and wastewater disposition for support in the power plant Site Certification Application submittal by JEA.

2.1.9 Wastewater Disposition Analyses

Based on JEA's environmental consultant's review of the federal, state, and local regulations governing wastewater requirements for the Project and input from JEA regarding the requirements for wastewater system design, Black & Veatch will combine the information to develop a preliminary wastewater management plan and design. Site specific design, calculations, drawings, and other documents will be

TA-795 JEA CC SITE FEASIBILITY STUDY – PHASE 1B

SCOPE OF SERVICES (continued)

provided in a format required by JEA's environmental consultant to prepare the permit documents for Site Certification Application permitting.

2.1.10 Emissions Profiles

Black & Veatch will provide emissions data for the technology selections to support JEA's preliminary permitting initiatives including development of emissions profiles based on load profile data provided by JEA.

2.1.11 Redundancy Philosophy

Black & Veatch will review selected technologies and provide redundancy analysis and recommendation based on the selected equipment, Black & Veatch's experience on similar projects, and JEA's operating philosophy. Black & Veatch will provide guidance to JEA in creating a redundancy philosophy approach that balances reliability and cost elements.

2.1.12 Potential NSPS CO2 Compliance Site Layouts

Black & Veatch will review potential NSPS CO2 compliance requirements and evaluate current applicable technologies to meet these requirements. Site layouts will be evaluated to consider physical footprints, potential equipment layouts, and site boundary setbacks for CO2 and/or alternative fuel source storage.

2.1.18 Major Equipment Lead Time Analyses

As part of the overall preliminary project schedule development, Black & Veatch will discuss market conditions with equipment vendors and utilize in-house data from current projects to ensure that realistic lead times are incorporated in the project schedule for major equipment procurement.

2.1.22 Initial Procurement Plan (including current and projected lead times for procured equipment)

Black & Veatch will develop a narrative description of the procurement plan for each site based on the selected technology and plant configuration. The procurement plan will be based on the overall preliminary project schedule based on the projected lead times for major equipment addressed in 2.1.18 above.

2.1.23 Capital Cost Estimate Development at Both Locations

Black & Veatch will develop a preliminary high-level capital cost estimate for each potential site based on the selected technology and plant configuration. The capital cost estimate will be intended as a high-level factored estimate, intended for economic screening purposes and initial budgeting. These estimates would be refined once final selections are made and the details of the scope are finalized. The high-level preliminary cost estimates will be based on the following assumptions:

- Costs will be presented in 2023 dollars.
- The sites will be assumed to be reasonably level and clear, with no hazardous materials, no standing timber, no wetlands, and no endangered species.
- Budgetary equipment quotations may not be possible in the timeframe allowed for this work. Values from the Black & Veatch proprietary database of estimate templates will be used where necessary.
- The estimates will reflect an overnight, turnkey Engineering Procurement Construction, direct-hire, open/merit shop, contracting philosophy.
- Demolition of any existing structures will not be included in the cost estimates.

TA-795 JEA CC SITE FEASIBILITY STUDY – PHASE 1B

SCOPE OF SERVICES (continued)

- The sites are assumed to have sufficient area available to accommodate construction activities including but not limited to construction offices, warehouses, lay-down and staging areas, field fabrication areas, and concrete batch plant facilities, if required.
- Procurements are assumed to not be constrained by any owner sourcing restrictions, i.e., global sourcing. Manufacturers' standard products are assumed to be used to the greatest extent possible.
- The plants will be single fuel only.
- Spare parts for start-up and commissioning will be included in the EPC costs.
- Construction labor hours will be based on a 50-hour workweek using merit/open shop labor.
- The composite crew labor rate will be based on local conditions. Rates will include payroll and payroll taxes and benefits.
- Project management, engineering, procurement, quality control, and related services will be included.
- Field construction management services will include field management staff with supporting staff personnel, field contract administration, field inspection and quality assurance, and project control. Technical direction and management of start-up and testing, cleanup expense for the portion not included in the direct-cost construction contracts, safety and medical services, guards and other security services will be included.
- Engineering, procurement, and construction (EPC) contractor contingency and profit allowances will be included with the installation costs.
- Construction management cost estimates will be based on a percentage of craft labor person-hours.
- Construction utilities and start-up utilities such as water, power, and fuel will be provided by JEA. On-site construction distribution infrastructures for these utilities will be included in the estimate.
- Owner's costs will be included as a separate line item.
- Operational spare parts will be included as an owner's cost.
- Project insurances, including "Builders All-Risk" insurance, will be included in the estimates as an owner's cost.
- Construction permits will be included as owner's costs.
- The estimates will include any property, sales or use taxes, gross receipt tax, import or export duties, excise or local taxes, license fees, value added tax, or other similar taxes in the owner's costs to be added by JEA.
- Costs to upgrade roads, bridges, railroads, and other infrastructure outside the site boundary, for equipment transportation to the facility site will not be included in the owner's costs.
- Costs of land and all right-of-way access will not be included.
- Permitting and licensing will be included in the owner's costs.
- Cost estimate will be based on scope ending at the step-up transformers. The electric switchyard, transmission tap-line, and interconnection will be excluded.
- Interest during construction (IDC) will be excluded.

2.1.25 Preliminary Project Budget

Black & Veatch will develop a preliminary project budget for the selected technology for each site. The preliminary project budget will include both Owner's costs and EPC contract costs as defined in 2.1.23.

TA-795 JEA CC SITE FEASIBILITY STUDY – PHASE 1B SCOPE OF SERVICES (continued)

2.1.26 Preliminary Project Cash Flow Curve

Black & Veatch will develop a project cash flow curve for each site based on the Preliminary Project Budget described in 1.2.29 and the preliminary project schedule described in 2.1.26. This cash flow curve will be updated as changes are made in the project budget and project schedule.

2.1.27 Site Selection Recommendation / Report

Black & Veatch will issue a letter report summarizing the findings of the Phase 1 scope and with input from JEA will present the site selection recommendation. The basis for selection, assumptions made, and assumptions to be confirmed will be included.

ITEMS TO BE PROVIDED BY JEA

JEA shall provide the following:

1. Later

Scope Clarifications

The Scope of Services for this TASK Authorization is conditioned upon the following:

1. Scope is based on continuation of sites used for Phase 1A study.

SCHEDULE

After receipt of signed Task Authorization, CONSULTANT is available to start work the first week of June 2023. CONSULTANT proposes to complete the project in accordance with the following schedule.

Description

Project Kickoff

Completion

Week of June 5, 2023

CONSULTANT will work closely with JEA to complete all tasks in a timely manner.

COMPENSATION

Compensation shall be based on the Company's Rates as contained in Exhibit A of the AGREEMENT.

Based on the level of effort involved, the CONSULTANT'S compensation for each for the Scope of Work defined herein is shown below.

TASK	DESCRIPTION	HOURS	LABOR	EXPENSE
2.1.4	Action Item list creation and maintenance	0	\$-	
2.1.5	GT technology screening/selection/justification	60	\$10,140	
2.1.8	Heat and water balances	120	\$20,280	
2.1.9	Wastewater disposition analyses	120	\$20,280	
2.1.10	Emissions profiles	40	\$6,760	
2.1.11	Redundancy philosophy	40	\$5,880	

TA-795 JEA CC SITE FEASIBILITY STUDY – PHASE 1B
SCOPE OF SERVICES (continued)

2.1.12	Potential NSPS CO2 Compliance Site Layouts	100	18,700	
2.1.18	Major equipment lead time analyses	60	\$10,140	
2.1.22	Initial procurement plan (including current and projected lead times for procured equipment)	40	\$6,760	
2.1.23	Capital cost estimate development at selected locations	120	\$28,800	
2.1.25	Preliminary project budget	20	\$4,800	
2.1.26	Preliminary project cash flow curve	20	\$4,800	
2.1.27	Site selection recommendation / report	110	\$26,400	
PHASE 1B TOTAL				\$163,740

These services are proposed on a time and material basis in accordance with the existing General Services Agreement (JEA Contract #171457) and Black & Veatch's 2023 Billing Rate Schedule.

Any additional work outside of the scope of work described in this proposal or follow-on work will be billed on a time and material basis. Additional or follow-on work will be mutually agreed upon prior to being performed.

Note that if JEA desires more or less services than that offered in this proposal, Black & Veatch will gladly adjust our estimates to reflect the level of effort desired. If you have any questions or require any additional information, please do not hesitate to contact Matt Blevins (913) 458-9917 or James Walawender (913) 458-9036.



Formal Bid and Award System

Award #2 January 4, 2018

Type of Award Request: PROPOSAL (RFP)
Request #: 4016
Requestor Name: Guevarra, Larry
Requestor Phone: (904) 665-6332
Project Title: General Engineering Services - Electric Generating Plants
Project Number: TBD
Project Location: JEA
Funds: Capital and O&M
Award Estimate: \$4,000,000.00 (budgetary amount)
Scope of Work:

The scope of continuing engineering services for this contract includes JEA is seeking the services of experienced consulting engineering firms that possess technical expertise in the operations, maintenance, and construction of a large, municipal electric utility. The work will consist of Capital and O&M projects or tasks that are planned or developed throughout the course of a five (5) year contract period. It is expected that the Company will have the expertise and resources to provide all of these services, and sufficient staff must be available in order to respond within twenty-four (24) to forty-eight (48) hours in an emergency and within three (3) to four (4) days for routine requests.

JEA IFB/RFP/State/City/GSA#: 001-18
Purchasing Agent: Woyak, Nathan J
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
BLACK & VEATCH CORPORATION	Donnie Griffin	griffindr@bv.com	12740 Gran Bay Pkwy W. Ste 2140 Jacksonville FL 32258	(913) 458-9923	\$2,800,000.00
POWER ENGINEERS INC	John Abraham	john.abraham@powereng.com	3100 Breckinridge Blvd, Suite 750 Duluth, Ga 30096	(678) 966-4461	\$1,200,000.00

Amount for entire term of Contract/PO: \$4,000,000.00
Award Amount for remainder of this FY: \$600,000.00
Length of Contract/PO Term: Five (5) Years w/One (1) - 1 Yr. Renewal
Begin Date (mm/dd/yyyy): 01/15/2018
End Date (mm/dd/yyyy): 01/14/2022
Renewal Options: YES - One (1) - 1 Yr. Renewal
JSEB Requirement: JSEB participation included as an evaluation criterion
Comments on JSEB Requirements:

Black & Veatch - 5% with Meskel & Associates (Civil/Geotechnical Services)
 Power Engineers - 5% with Civil Service, Inc. (Civil Design) and 5% with Johnson Surveying & Mapping (Surveying)

CPA
171457

Item 3.**BIDDERS:**

Name	Amount	Rank
BLACK & VEATCH CORPORATION	\$2,800,000.00	1
POWER ENGINEERS INC	\$1,200,000.00	2
BURNS & MCDONNELL ENGINEERING CO, INC.	N/A	3
HATCH	N/A	4

Background/Recommendations:

Advertised on 10/03/2017. Four (4) Companies attended the pre-proposal meeting on 10/12/2017. At Proposal opening on 10/24/2017, JEA received four (4) Proposals. The Proposals were independently evaluated and scored. The scores were approved at JEA's public evaluation meeting held on 11/28/2017. Black & Veatch earned the highest ranking average score and Power Engineers, Inc. was the second highest Company. Attached as backup is the evaluation matrix summary and negotiated fee schedule for both Companies.

The \$4,000,000.00 budgetary amount is split using a 70/30 ratio by rank order with Black & Veatch receiving seventy percent (70%) and Power Engineers receiving thirty percent (30%) of the award total.

Negotiations on standard labor rates based on project role, experience and expertise were negotiated, and will be utilized when each task is assigned. When comparing the average of the current hourly rates with the new rates, Black & Veatch's rates increased by 6.48%. Black & Veatch's average rate increased from \$164.70 to \$175.38 due to the 2017 rates being based on 2013 rates without consistent CPI increases over the four (4) year contract term. Power Engineers, who has not been under contract previously for this work, proposed an average rate of \$144.17 per hour which is 17.8% less than the 2018 Black & Veatch rates. The rates are deemed reasonable compared to other proposed rates for specialized work of this nature at the electric generating plants. Rates will be fixed for one (1) year with CPI increases allowable in years two (2) through five (5).

001-18 - Request approval to award two (2) contracts for continuing engineering services to Black & Veatch in the amount of \$2,800,000.00 and Power Engineers, Inc. in the amount of \$1,200,000.00 for General Engineering Services for Electric Generating Plants projects, for a total not-to-exceed amount of \$4,000,000.00, subject to the availability of lawfully appropriated funds.

Manager: Limbaugh, Margaret Z. - Manager, Project Management
Director: Pineda, Joseph R. - Dir Electric Production Eng & Outage Svcs
VP: Brost, Mike J. - VP/GM Electric Systems

APPROVALS:

 1-4-18
 Chairman, Awards Committee Date

 1/4/18
 Manager, Capital Budget Planning Date

001-18 General Engineering Services For Electric Generating Plants

Vendor Rankings	Larry Guevarra	Margaret Limbaugh	Frank Thomas			Total Score	Overall Rank
Black & Veatch	1	1	1			3	1
Power Engineers	2	2	2			6	2
Hatch	3	3	4			10	3
Burns & McDonnell	4	4	3			11	4

Larry Guevarra	Professional Staff Experience (45 Points)	Company Experience and Design Approach (36 Points)	Project Manager and Staff Proximity to JEA (14 Points)	JSEB (5 Points)	Total	Rank
Black & Veatch	43.20	25.63	12	4	84.83	1
Burns & McDonnell	42.20	24.26	0	0	66.46	4
Hatch	37.10	25.37	3	1	66.47	3
Power Engineers	41.70	27.77	2	4	75.47	2

Margaret Limbaugh	Professional Staff Experience (45 Points)	Company Experience and Design Approach (36 Points)	Project Manager and Staff Proximity to JEA (14 Points)	JSEB (5 Points)	Total	Rank
Black & Veatch	45.00	33.63	12	4	94.63	1
Burns & McDonnell	40.00	31.26	0	0	71.26	4
Hatch	38.30	29.37	3	1	71.67	3
Power Engineers	36.80	30.77	2	4	73.57	2

Frank Thomas	Professional Staff Experience (45 Points)	Company Experience and Design Approach (36 Points)	Project Manager and Staff Proximity to JEA (14 Points)	JSEB (5 Points)	Total	Rank
Black & Veatch	40.40	31.63	12	4	88.03	1
Burns & McDonnell	40.90	31.26	0	0	72.16	3
Hatch	38.60	28.37	3	1	70.97	4
Power Engineers	40.70	30.77	2	4	77.47	2

Overall Averages	Professional Staff Experience (45 Points)	Company Experience and Design Approach (36 Points)	Project Manager and Staff Proximity to JEA (14 Points)	JSEB (5 Points)	Total
Black & Veatch	42.87	30.30	12.00	4.00	89.16
Burns & McDonnell	41.03	28.93	0.00	0.00	69.96
Hatch	38.00	27.70	3.00	1.00	69.70
Power Engineers	39.73	29.77	2.00	4.00	75.50

Power Engineers - 2018 Rates

Grade	
10	\$ 181.00
9	\$ 176.00
8	\$ 162.00
7	\$ 129.00
6	\$ 114.00
5	\$ 103.00

Average \$ 144.17

B&V 2017 Rates

Grade	ENG
127	\$ 87.98
128	\$ 93.69
129	\$ 107.41
130	\$ 120.45
131	\$ 146.63
132	\$ 172.11
133	\$ 198.01
134	\$ 232.95
135	\$ 239.97
136	\$ 247.75

Average \$ 164.70

B&V 2018 Rates

Grade	Engineering & Management
Associate Engineer	\$ 98.00
Staff Engineer	\$ 118.00
Design Engineer	\$ 137.00
Project Engineer	\$ 165.00
Senior Engineer	\$ 197.00
Engineering Manager	\$ 212.00
Project Manager	\$ 224.00
Sr Project Manager	\$ 252.00

Average \$ 175.38

B&V Delta = 6.48%

**POWER ENGINEERS INC.
SCHEDULE OF CHARGES – 2018
JACKSONVILLE ELECTRIC AUTHORITY (JEA)**

This standard Schedule of Charges is for professional services. Unless agreed otherwise, charges for work on continuing projects will be based on the then current Schedule of Charges. A new Schedule of Charges will be issued to be effective January 1 of each new year and as necessary on an intermediate basis to accommodate new items or revised charges. Invoices will be submitted monthly and/or upon completion of the work and will be due and payable when issued. All accounts not paid within thirty (30) days after Owner's receipt of the invoice will bear a **SERVICE CHARGE OF 1.0% PER MONTH** for each month the invoice is unpaid.

<u>GRADE</u>	<u>PERSONNEL CLASSIFICATION</u>	
10	Senior Project Manager I Senior Program Manager I Senior Project Engineer III Strategic Consultant III	\$181.00/hr.
9	Project Manager III Project Lead IV Construction Manager III Senior Project Engineer II Strategic Consultant II Senior Consultant III	\$176.00/hr.
8	Project Manager II Project Lead III Strategic Consultant I Senior Consultant II Project Engineer III Construction Manager II Senior Project Engineer I Engineer V	\$162.00/hr.
7	Project Manager I Project Lead II Construction Manager I Environmental Specialist IV Project Engineer II Engineer IV Designer V Project Administrator III Senior Consultant I Consultant III	\$129.00/hr.
6	Project Lead I Project Engineer I Engineer III Designer IV Environmental Specialist III Procurement Specialist III Scheduling Specialist III Project Administrator II Consultant II	\$114.00/hr.
5	Engineer II Designer III Technician IV Environmental Specialist II Procurement Specialist II Scheduling Specialist II Project Administrator I Consultant I	\$103.00/hr.
4	Engineer I Designer II Technician III Environmental Specialist I Procurement Specialist I Field Representative IV Scheduling Specialist I Project Managers Assistant III	\$89.00/hr.
3	Designer I Drafter III Technician II Administrative Assistant I Field Representative III Staff Assistant II Project Managers Assistant II	\$76.00/hr.
2	Drafter II Staff Assistant Field Representative II Project Managers Assistant I	\$71.00/hr.
1	Drafter I General Office Assistant Field Representative I	\$62.00/hr.

Personnel with specialized experience are employed by or on retainer to POWER. Charges for these specialists are negotiated on an individual basis depending on the assignment. Professional time for depositions and testimony is charged at 1.5 times the rate for services; full-day minimums apply.

**POWER ENGINEERS INC.
SCHEDULE OF CHARGES – 2018
JACKSONVILLE ELECTRIC AUTHORITY (JEA)**

This standard Schedule of Charges is for professional services. Unless agreed otherwise, charges for work on continuing projects will be based on the then current Schedule of Charges. A new Schedule of Charges will be issued to be effective January 1 of each new year and as necessary on an intermediate basis to accommodate new items or revised charges. Invoices will be submitted monthly and/or upon completion of the work and will be due and payable when issued. All accounts not paid within thirty (30) days after Owner's receipt of the invoice will bear a **SERVICE CHARGE OF 1.0% PER MONTH** for each month the invoice is unpaid.

SPECIAL APPLICATION SOFTWARE

Level I Software *	\$10.00/hr.
Level II Software **	\$20.00/hr.
Level III Software ***	\$35.00/hr.
Level IV Software ****	\$60.00/hr.

* Level I Software includes, among others: Structural Design, Foundation Design, HVAC Design, Conveyor Design, and Rockwell RSView & RSLogix.

** Level II Software includes, among others: ASPEN OneLiner, ESA Easy Power, Milsoft Windmil, OSI ETAP, Pathloss, SKM PTW, SynerGEE, Smart Plant P&ID, Smart Plant Instrumentation, Autodesk Revit, Navisworks, PTV, Matlab, PLS-Cad, TL-PRO, AutoCAD, AutoCAD Plant, AutoCAD Civil 3D, MicroStation, and specialized estimating programs.

***Level III Software includes, among others: CDEGS (RESAP/MALZ), GE PSLF, PSCAD (PSCAD/EMTDC), PTI PSS/E, WinIGS, Smart Plant 3D, PDS, ArcGis, Caesar II, and Electrocon CAPE.

****Level IV Software includes, among others: CDEGS, CDEGS (HiFREQ), AspenTech, and Autodesk 3D Max.

REPRODUCTION

Drawings – Black & White

Large Scale Drawings (C Size)	\$1.90/ea
Large Scale Drawings (D Size)	\$3.30/ea
Large Scale Drawings (E Size)	\$5.50/ea

Drawings – Color

Large Scale Drawings (C Size)	\$6.00/ea.
Large Scale Drawings (D Size)	\$10.90/ea.
Large Scale Drawings (E Size)	\$17.50/ea.

Documents – Black & White

Single-sided Copies	8 x 11 \$0.11/ea.	11 x 17 \$0.17/ea.
Double-sided Copies	8 x 11 \$0.22/ea.	11 x 17 \$0.34/ea.

Documents – Color

Single-sided Copies	8 x 11 \$0.50/ea.	11 x 17 \$1.00/ea.
Double-sided Copies	8 x 11 \$1.00/ea.	
Spiral Comb		\$2.65/ea.
3 Ring Binder		Dependent on size
Special Copy Center Projects (Labor)		\$45.00/hr.

SURVEY EQUIPMENT

Survey Equip. to support field crew		\$70.00/day
GPS Equipment 2 Units	\$60.00/hour	\$350.00/day
GPS Equipment 3 Units	\$80.00/hour	\$450.00/day

Other expenses including but not limited to subcontractors, airfare, lodging, meals, postage and shipping, purchases, rentals, are charged at cost plus a carrying and handling charge of 10%.

Communication Charge - including but not limited to long distance telephone and fax, charged at 1% of labor billing charges.

CAD Usage Charge – charged at 3% of labor billing charges.

Item 3

CONFIDENTIAL Note 2

Black & Veatch Billing Rates and Expense Schedule for Home Office Consulting Engineering Services Calendar Year 2018

HOURLY BILLING RATES (see Client Billings and Notes) Title/Description/Hourly Billing Rate (\$USD)

Project Administration

Project accounting and office support including clerical, secretarial and billing.

Project Administration \$76.00

Technicians and Technical Support

Technical designers, drafters, and other technical support functions.

Associate Technician / Designer \$88.00

Staff Technician / Designer \$110.00

Lead Technician/Designer \$139.00

Senior Technician/Designer \$179.00

Engineering and Management

Engineering design, analysis, and management. Includes departmental and project assignments including project management, executives and engineering department management.

Associate Engineers \$98.00

Staff Engineers \$118.00

Design Engineers \$137.00

Project Engineers \$165.00

Senior Engineers \$197.00

Engineering Managers \$212.00

Project Managers \$224.00

Senior Project Managers \$252.00

Estimating, Project Controls and Procurement

Professionals who assess the cost related to projects, track the cost associated with a project, and perform planning and scheduling functions related to projects. These professionals also provide procurement support activities.

Staff Professional \$117.00

Lead Professional \$148.00

Senior Professional \$233.00

Specialized Staff

Specialist staff such as scientists, geologists, environmental consultants, lawyers, equipment or technology experts, and construction specialists.

Associate Specialist \$92.00

Specialist \$111.00

Lead Specialist \$167.00

Senior Specialist \$210.00

Client Billings: Client shall pay to Engineer for the performance of the Services the sum of the following amounts unless the compensation is otherwise stated in the specific task assignment.

1. Labor cost will be billed as actual hours charged to this project by Black & Veatch personnel and in accordance with the rates above.
2. Typical and customary home office expenses, including computer related expenses (network server charges, PC usage charges, software and design application charges, printing, plotting, and server storage), reprographic services, document production, fax, telephone, postage/courier, etc. will be billed at a rate of \$10.00 per hour of direct billed labor.
3. Expenses for travel and lodging will be billed at actual cost. These expenses include cost such as air-fare, personal mileage, lodging, meals, motor vehicles rental, telephone, special rental equipment, etc.
4. Cost of 3rd party services and for non-customary office costs such as production printing will be billed at actual cost plus 10%.
5. Field assignments of longer than 60 days will be billed as actual hours charged to this project by Black & Veatch personnel in accordance with the rate sheet plus uplift as determined by current field services policy. Expenses for field assignments can be per diem, actual expenses, or a combination of both as specific to the assignment.
6. Overtime applies only to non-exempt personnel as defined by the US Federal Wage and Hour Law. Overtime will be billed as actual hours charged to this project by Black & Veatch personnel in accordance with the rate sheet plus 50%.
7. Any other professionals not specifically identified above will be placed in the most appropriate category above based on function and experience.

Notes:

1. Billing rates are subject to annual adjustment on January 1, 2019.
2. This Rate Sheet contains information that may be privileged, confidential and exempt from disclosure under applicable law. Any unauthorized disclosure, copying, or distribution of this document or any of its contents is prohibited.

Item 3

CONFIDENTIAL ^{Note 2}

Black & Veatch

Billing Rates and Expense Schedule
for
Home Office Consulting Engineering Services
Calendar Year 2023

HOURLY BILLING RATES (see Client Billings and Notes)**Title/Description/Hourly Billing Rate (\$USD)****Project Administration**

Project accounting and office support including clerical, secretarial and billing.

Project Administration \$76.00

Technicians and Technical Support

Technical designers, drafters, and other technical support functions.

Associate Technician / Designer \$91.00

Staff Technician / Designer \$113.00

Lead Technician/Designer \$144.00

Senior Technician/Designer \$187.00

Engineering and Management

Engineering design, analysis, and management. Includes departmental and project assignments including project management, executives and engineering department management.

Associate Engineers \$105.00

Staff Engineers \$125.00

Design Engineers \$141.00

Project Engineers \$169.00

Senior Engineers \$225.00

Engineering Managers \$230.00

Project Managers \$240.00

Senior Project Managers \$270.00

Professionals and Professional Support

Professionals who assess and track the cost related to projects, perform planning and scheduling functions related to projects, provide procurement and construction support, provide permitting support, and support other project related activities.

Associate Professional \$88.00

Staff Professional \$139.00

Lead Professional \$191.00

Senior Professional \$238.00

Specialized Staff

Specialist staff that provide legal, scientific, economic, and related services.

Associate Specialist \$103.00

Staff Specialist \$135.00

Lead Specialist \$175.00

Senior Specialist \$236.00

Client Billings: Client shall pay to Engineer for the performance of the Services the sum of the following amounts unless the compensation is otherwise stated in the specific task assignment.

1. Labor cost will be billed as actual hours charged to this project by Black & Veatch personnel and in accordance with the rates above.
2. Typical and customary home office expenses, including computer related expenses (network server charges, PC usage charges, software and design application charges, printing, plotting, and server storage), reprographic services, document production, fax, telephone, postage/courier, etc. will be billed at a rate of \$10.00 per hour of direct billed labor.
3. Expenses for travel and lodging will be billed at actual cost. These expenses include cost such as air-fare, personal mileage, lodging, meals, motor vehicles rental, telephone, special rental equipment, etc.
4. Cost of 3rd party services and for non-customary office costs such as production printing will be billed at actual cost plus 10%.
5. Field assignments of longer than 60 days will be billed as actual hours charged to this project by Black & Veatch personnel in accordance with the rate sheet plus uplift as determined by current field services policy. Expenses for field assignments can be per diem, actual expenses, or a combination of both as specific to the assignment.
6. Overtime applies only to non-exempt personnel as defined by the US Federal Wage and Hour Law. Overtime will be billed as actual hours charged to this project by Black & Veatch personnel in accordance with the rate sheet plus 50%.
7. Any other professionals not specifically identified above will be placed in the most appropriate category above based on function and experience.

Notes:

1. Billing rates are subject to annual adjustment on each January 1.
2. This Rate Sheet contains information that may be privileged, confidential and exempt from disclosure under applicable law. Any unauthorized disclosure, copying, or distribution of this document or any of its contents is prohibited.



Formal Bid and Award System

Award #4 November 3, 2022

Type of Award Request: CHANGE ORDER
Requestor Name: Owens, Katura E. - Mgr Technology Project Mgmt
Requestor Phone: 904-665-4215
Project Title: On-premise Oracle E-Business Suite Migration to Oracle Cloud Infrastructure
Project Number: 8007812
Project Location: JEA
Funds: Capital
Business unit Pre-Bid Estimate: \$2,450,000.00

Scope of Work:

This request is for a migration and database upgrade for the Oracle E-Business Suite (EBS) and Integrated SOA Gateway (ISG) application from Exa platform to Oracle Cloud Infrastructure (OCI) Infrastructure as a service (IaaS) to comply with regulatory compliance. JEA's existing Oracle Exadata and Exalogic environments includes hardware and software for QA/test, production, and disaster recovery environments. This infrastructure houses Oracle EBS.

JEA IFB/RFP/State/City/GSA#: 43230000-NASPO-16-ACS, CPA 204840
Purchasing Agent: Woyak, Nathan
Is this a Ratification?: No

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
INSIGHT PUBLIC SECTOR	Andrew Lawrence	andrew.lawrence@insight.com	6820 S HARL AVE TEMPE, AZ 85283	(501)505-4642	\$1,426,019.60

Amount of the Original Award: \$2,382,922.80
Date of the Original Award: 04/21/2022
Change Order Amount: \$1,426,019.60
Length of Contract: Project Completion
New Not to Exceed Amount: \$3,808,942.40
End Date: Project Completion (Now Expected Mar/April 2023)
JSEB Requirement: No JSEB opportunities are available

Background/Recommendations:

On 04/21/2022, JEA originally awarded the Insight Public Sector through the public 43230000-NASPO-16-ACS agreement and contract working partner Accenture. A copy of the original award is attached as backup.

Item 4

This change order request is for \$1,426,019.60 in additional funds. The Integrated SOA Gateway (ISG) was expected to be migrated as-is to the OCI environment; however, during the analysis phase of this project, it was discovered that the current version of ISG must be upgraded for OCI, hence adding additional unplanned work. The scope details are included in the table below and the NASPO contractual hourly rates and estimated hours are attached as backup.

Area	Scope	Original Hrs	Delta Hrs
ISG	Due to incompatibility we had to re-build the new ISG on OCI using SOA-MP -Install and Configure Oracle EBS ISG 12.2.1.4 on OCI SOA-MP (2 Node Cluster) for SOAP services (6 Environments) -Preparing an Oracle E-Business Suite Instance, Oracle SOA Cloud Service Instance (SOA MP) - Apply OS and JEA OCI configurations on the ISG (SOA-MP) images - Configuring Oracle E-Business Suite ISG for SOAP Services - Setting Up Oracle SOA-MP (Payload Inclusive) - Validate & Tech Sanity Check the Oracle EBS and Oracle ISG - Disaster Recovery (QA-DR)	~320	1888
Apex	Apex and Apex DR new build on OCI using Weblogic-MP - Provision Dedicated OCI Network for Weblogic-MP - Provision and Configure Weblogic MP with Private LB (3 Environments) - Install & Configure Apex & ORDS - EA DNS, Certificate for Load Balancer - Validate & Tech Sanity Check the Oracle Apex & EBS - Disaster Recovery Testing - Document Configurations and handover to JEA team	NA	1028
Summary	Overall go-live timeline extended by 4.5 months, as all 3 components need to be available Day 1 of go-live.	NA	1400

Request approval to award a change order to Insight Public Sector for additional fees and services needed for On-premise Oracle E-Business Suite Migration to Oracle Cloud Infrastructure in the amount of \$1,426,019.60, for a new not-to-exceed amount of \$3,808,942.40, subject to the availability of lawfully appropriated funds.

Director: Edgar, Cindy L. - Dir Eng/Ops Applications
VP: Selders, Steve G. - VP Application Delivery and Enterprise Architecture
Chief: Krol, Bradley D. - Chief Information Officer

APPROVALS:

 11/03/2022
Chairman, Awards Committee **Date**
 11/03/2022
Budget Representative **Date**

CHANGE REQUEST (CR) ONE
OF
STATEMENT OF WORK NO. 4010049049
DATED October 28, 2022
JEA-Cloud Migration

This Amendment is made and entered by and between the JEA, hereinafter referred to as the “Client or Agency” and Insight Public Sector, Inc., hereinafter referred to as the “Contractor” or “Insight.” For good and valuable consideration, the sufficiency of which is hereby acknowledged, it is mutually understood and agreed by and between said, undersigned contracting parties that the subject statement of work is hereby amended as follows:

1. Section 3.1.1, detailing “Scope and Approach”, (a) is updated with the following:

Scope

Work Stream	Requirements
Oracle Integrated SOA Gateway	<ul style="list-style-type: none"> • Install and Configure Oracle EBS ISG 12.2.1.4 on OCI SOA-MP (2 Node Cluster) for SOAP services (6 Environments) • Preparing an Oracle E-Business Suite Instance, Oracle SOA Cloud Service Instance (SOA MP) • Apply OS and JEA OCI configurations on the ISG (SOA-MP) images • Configuring Oracle E-Business Suite ISG for SOAP Services • Setting Up Oracle SOA-MP (Payload Inclusive) • Validate & Tech Sanity Check the Oracle EBS and Oracle ISG • Disaster Recovery (QA-DR) •
Oracle APEX	<ul style="list-style-type: none"> • Provision Dedicated OCI Network for Weblogic-MP • Provision and Configure Weblogic MP with Private LB (3 Environments) • Install & Configure Apex & ORDS • JEA DNS, Certificate for Load Balancer • Validate & Tech Sanity Check the Oracle Apex & EBS • Disaster Recovery Testing • Document Configurations and handover to JEA team

Approach

Product	Accenture Tasks	JEA Tasks
ISG	Analysis of OCI SOA Marketplace 12.2.14 - Build Requirements Licensing, Sizing & Marketplace Version Confirmation Environment Naming Conventions Design & Confirmation Provide Input and agreement on Environment Naming Conventions Design OCI Network & On-Premises Connectivity JEA Network Support (BGP Route Ads, Aviatrix, etc) Gather, Configure to Allow 3rd-party systems Inbound and Outbound Traffic with SOA Marketplace	Code Deployment, Migration to the new environment in OCI Oracle ISG Application, Development, Functional, Integration, End to End testing Defect Fixing, Retrofitting the code for ISG and EBS objects Provide Input and agreement on Environment Naming Conventions Design JEA Network Support (BGP Route Ads, Aviatrix, etc) Provide all ISG 3rd-party systems to integrate with (excluding OCI EBS and OCI Exadata CS) Provide information regarding /u02 shared file system Provide information regarding JEA OS configurations

Item 4

Product	Accenture Tasks	JEA Tasks
	<p>Provide all ISG 3rd-party systems to integrate with (excluding OCI EBS and OCI Exadata CS)</p> <p>Provision Exadata CS 19c Database</p> <p>Provision (Install) 6 OCI SOA Marketplace 12.2.1.4 for ISG</p> <p>Perform Tech Sanity & Application Components Validation</p> <p>Configure Post-Provisioning Tasks on SOA Marketplace</p> <p>Configure Post-Provisioning Tasks in OCI Console</p> <p>Install and Configure Application Pre-requisites</p> <p>Provision, Install and Configure Shared File System</p> <p>Provide information regarding /u02 shared file system</p> <p>Apply Application OS Configurations (AD join, DNS, auditd, etc)</p> <p>Provide information regarding JEA OS configurations</p> <p>Provision and Configure OCI Load Balancer and Request JEA DNS Records (front-end URL, host A-record, certificate install etc)</p> <p>Create JEA DNS URL and provide JEA certificate</p> <p>Perform Tech Sanity</p> <p>Prepare Oracle E-Business Suite Instance, Oracle SOA Cloud Service Instance (SOA MP)</p> <p>Configure EBS Environment for SOA Marketplace (ISG) Integration for SOAP Services</p> <p>Configure SOA Marketplace (ISG) for EBS Environment Integration for SOAP Services</p> <p>Perform Tech Sanity</p> <p>Install and Configure JEA patch requirements</p> <p>Install and configure additional JEA patch requirements</p> <p>Configure custom JEA ISG front-end configurations in SOA Marketplace</p> <p>Deploy JEA ISG components in SOA Marketplace</p> <p>Setting Up Oracle SOA-MP (Payload Inclusive)</p> <p>Validate & Perform Tech Sanity Check the Oracle EBS and Oracle ISG</p>	<p>Create JEA DNS URL and provide JEA certificate</p> <p>Provide and confirm additional ISG patches required beyond Oracle Note ID recommended patches</p> <p>Provide information/documentation of ISG configurations (data sources, adapter OCP, etc)</p> <p>Provide ISG composites, ear/war, jars for deployment in expected target version 12.2.1.4</p> <p>Perform code deployment to OCI SOA Marketplace</p> <p>Provide information/documentation on payload execution</p> <p>Perform Oracle ISG Application, Development, Functional, Integration, End to End testing</p> <p>Defect Fixing, Retrofitting the code for ISG and EBS objects</p> <p>Install required JEA 3rd-party Information Security Tools</p> <p>Manage 3rd-party, external systems integration with SOA Marketplace</p> <p>Communicate Operational changes to stakeholders using ISG for Integration</p> <p>Provide and confirm additional ISG patches required beyond Oracle Note ID recommended patches</p> <p>Provide information/documentation of ISG configurations (data sources, adapter OCP, etc)</p>
APEX	<p>Analysis of OCI Weblogic Marketplace 12.2.14 - Build Requirements</p> <p>Licensing, Sizing & Marketplace Version Confirmation</p> <p>Environment Naming Conventions Design & Confirmation</p> <p>OCI Network & On-Premises Connectivity</p> <p>Gather, Configure to Allow 3rd-party systems Inbound and Outbound Traffic with Weblogic Marketplace</p> <p>Confirm EBS Exadata CS 19c Readiness</p>	<p>Provide Input and agreement on Environment Naming Conventions Design</p> <p>JEA Network Support (BGP Route Ads, Aviatrix, etc)</p> <p>Provide all APEX 3rd-party systems to integrate with (excluding OCI EBS and OCI Exadata CS)</p> <p>Provide information regarding /u02 shared file system</p> <p>Create JEA DNS URL and provide JEA certificate</p> <p>Provide source APEX component</p> <p>Provide source ORDS component</p>

Item 4

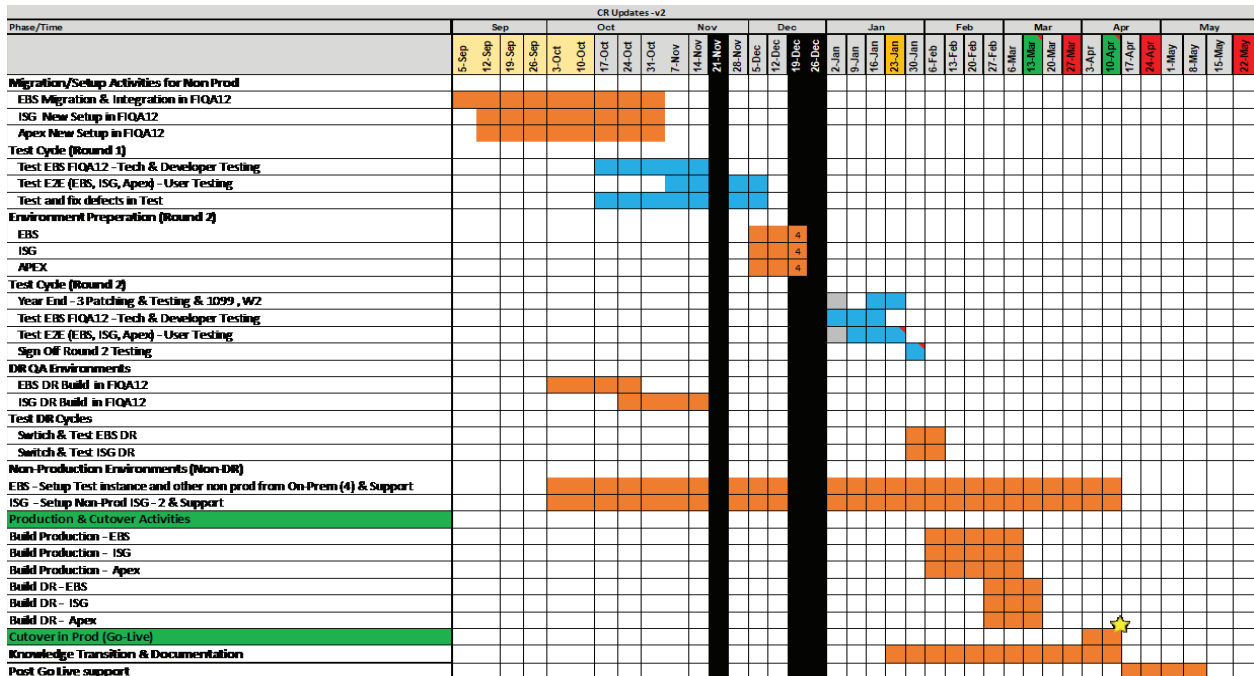
Product	Accenture Tasks	JEA Tasks
	Provision OCI Vault Configure OCI Vault - Store DB Password, Configure MEP & Store Weblogic Password Provision (Install) 3 OCI Weblogic Marketplace 12.2.1.4 for APEX Perform Tech Sanity & Application Components Validation Configure Post-Provisioning Tasks on Weblogic Marketplace Configure Post-Provisioning Tasks in OCI Console Install and Configure Application Pre-requisites Provision, Install and Configure Shared File System Apply Application OS Configurations Provision and Configure OCI Load Balancer & Request JEA DNS Records (front-end URL, host A-record, certificate install etc) Perform Tech Sanity Install and Configure APEX in Exadata CS Install and Configure APEX in Weblogic Marketplace Install and Configure ORDS in Exadata CS Install and Configure ORDS in Weblogic Marketplace Perform Tech Sanity Import data schemas (data objects and data) Setup OCI Object Storage for staging imported APEX applications Request APEX archive applications Restore APEX applications on Weblogic Marketplace Import/Copy ORDS RESTful services Configure custom JEA APEX front-end configurations in Weblogic Marketplace Validate & Perform Tech Sanity Check of APEX Applications	Provide Export of data schemas (data objects and data) Archive source APEX applications Provide Export and upload APEX applications from source Provide documentation on deployment process of existing APEX applications Provide Export of ORDS RESTful services Validate APEX application accessibility Configure Non-Prod Weblogic Marketplace for Multiple Non-Prod APEX Environments Use Perform and manage custom/additional configurations and deployment of APEX applications (other than 5-10 reports) to all Weblogic Marketplace environments Configure Application User Roles/Security, and Perform APEX User Account Management Perform Oracle APEX Application, Development, Functional, Integration, End to End testing Defect Fixing, Retrofitting the code for APEX objects Perform Performance Tuning & Apply Tuning Parameters Install required JEA 3rd-party Information Security Tools Apply and Configure OS Security Compliance Requirements (AD join, auditing, OS log rotating, patching, etc) Configure and Manage 3rd-party, external systems integration with APEX/Weblogic Marketplace Communicate Operational changes to stakeholders with APEX

Assumptions, Risks & Dependencies

Phase	A/R/D	Description
Design & Build	A	No minor upgrades or patch set during the implementation phase
Deploy	A	Historical data in the on-premise Production SOA Cloud Service (ISG) Database will not be available in the target OCI ISG Production instance
Deploy		

Project Timeline/Gantt

Item 4



Deliverables & Work Products

1	Delivered Application Environments	Establish project environments in scope and complete the builds in OCI for ISG and Apex	WP	N/A
---	------------------------------------	---	----	-----

Work Product (WP) - Work Product is an interim or work in progress or living version of a Deliverable/document.

- Section 4.1(a), detailing "Payment Methodology", shall have the following additive statement:

In no event shall the Client's maximum liability under this additive CR exceed one million four hundred twenty-six thousand nineteen dollars and sixty cents (\$ 1,426,019.60) ("CR Maximum Liability"), based on the payment schedule outlined below.

- Regarding the payment schedule found in Section 4.1(c), the payment schedule below, is additive:

SOW Title	Part Number	NASPO Title	Hourly Rate	Hours
Onshore MD/Cloud-DL	Cloud-DL	Delivery Lead - Cloud Migration	\$478.91	40
OCI Tech Lead/Cloud-DL	Cloud-DL	Platform Architect - Cloud Migration	\$478.91	268
Onshore Tech PM/Cloud-ARL	Cloud-ARL	App Readiness Lead - Cloud Migration	\$300.71	160

Item 4

Cloud Migration Architect/Cloud-MigrationEngLead	Cloud-MigrationEngLead	Migration Engineer - Lead	\$300.71	720
OCI Network Security Architect/Cloud-SecAnalyst	Cloud-SecAnalyst	Security Analyst - Cloud Migration	\$327.94	420
EBS Application Admin\CS - EngLead	Cloud-MigrationEngLead	Migration Engineer - Lead	\$300.71	600
Senior DBA\CS-AutoArch	Cloud-PlatformArch	Platform Architect - Cloud Migration	\$314.30	760
EBS Application Admin 2\Cloud-ARL	Cloud-ARL	App Readiness Lead - Cloud Migration	\$300.71	420
Security MSS-Palo\Cloud-SecAnalyst	Cloud-SecAnalyst	Security Analyst - Cloud Migration	\$327.94	100
Security MSS-Aviatrix\Cloud-SecAnalyst	Cloud-SecAnalyst	Security Analyst - Cloud Migration	\$327.94	908

Resource Type	Estimated Hours	Hourly Rate	Estimated Price
Delivery Lead - Cloud Migration	40	\$478.91	\$19,156.40
Platform Architect - Cloud Migration	268	\$478.91	\$128,347.88
App Readiness Lead - Cloud Migration	160	\$300.71	\$48,113.60
Migration Engineer - Lead	720	\$300.71	\$216,511.20
Security Analyst - Cloud Migration	420	\$327.94	\$137,734.80
Migration Engineer - Lead	600	\$300.71	\$180,426.00
Platform Architect - Cloud Migration	760	\$314.30	\$238,868.00
App Readiness Lead - Cloud Migration	420	\$300.71	\$126,298.20
Security Analyst - Cloud Migration	100	\$327.94	\$32,794.00
Security Analyst - Cloud Migration	908	\$327.94	\$297,769.52
Total Estimated Amounts			\$1,426,019.60

Note: Except for the hourly rate, the table above provides budgetary estimates only.

4. Section 4.2, detailing "SOW Monetary Cap" shall have the following additive statement:

4.2 CR Monetary Cap

Item 4

This CR is a time and materials CR. The estimated charges under this CR is one million four hundred twenty-six thousand nineteen dollars and sixty cents (\$ 1,426,019.60). The Client shall compensate the Contractor for actual work performed, in an amount not to exceed the CR Not To Exceed (NTE) Amount. The Agency shall not be obligated to pay for, and the Contractor shall not be obligated to perform, work under this CR in excess of the CR NTE Amount unless and until the parties execute a written amendment to this CR to increase such CR NTE Amount.

Required Approvals. The Client is not bound by this Amendment until it is signed by the parties and approved by appropriate officials in accordance with applicable Tennessee laws and regulations.

Representation. The Contractor represents and warrants that the fees detailed in this Amendment are consistent with the current price catalog for Insight Public Solutions, Inc. under NASPO ValuePoint Cloud Solutions Contract AR2485.

Amendment Effective Date. The revisions set forth herein shall be effective once this Amendment is signed by both parties and all required approvals are obtained. All other terms and conditions of the CR not expressly amended herein shall remain in full force and effect.

IN WITNESS WHEREOF,

INSIGHT PUBLIC SECTOR, INC.:

CONTRACTOR SIGNATURE

DATE

PRINTED NAME AND TITLE OF SIGNATORY (above)

JEA:

PRINTED NAME AND TITLE OF SIGNATORY (above)

DATE



Formal Bid and Award System

Award #5 April 21, 2022

Type of Award Request: PIGGYBACK
Requestor Name: Owens, Katura E. - Mgr Technology Project Mgmt
Requestor Phone: 904-665-4215
Project Title: On-premise Oracle E-Business Suite Migration to Oracle Cloud Infrastructure
Project Number: 8007812 (Index # 008-296W)
Project Location: Capital
Budget Estimate: \$2,450,000.00
Scope of Work:

This request is for a migration and database upgrade for the Oracle ebusiness suite (EBS) and Integrated SOA Gateway (ISG) application from Exa platform to Oracle Cloud Infrastructure (OCI) Infrastructure as a service (IaaS) to comply with regulatory compliance. JEA's existing Oracle Exadata and Exalogic environment includes hardware and software for QA/test, production, and disaster recovery environments. This infrastructure houses Oracle EBS.

JEA IFB/RFP/State/City/GSA#: 43230000-NASPO-16-ACS

Purchasing Agent: Woyak, Nathan J

Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
INSIGHT PUBLIC SECTOR	Andrew Lawrence	andrew.lawrence@insight.com	6820 S HARL AVE TEMPE, AZ 85283	(501)505-4642	\$2,382,922.80

Amount for entire term of Contract/PO: \$2,382,922.80

Award Amount for remainder of this FY: \$2,000,000.00

Length of Contract/PO Term: Project Completion (Approx. 33 weeks)

Begin Date (mm/dd/yyyy): 05/01/2022

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

JSEB Requirement: No JSEB opportunities are available

Background/Recommendations:

JEA originally awarded the Oracle engineered hardware and software for Oracle Exadata and Exalogic hardware for support of the EBS application in 2015 on a proprietary basis. Oracle Exadata and Exalogic have since become a JEA standard. Note, the first year annual OCI product subscription was awarded to Oracle separately on 03/18/2022.

This request of \$2,382,922.80 for Insight Public Sector, Inc (Contract Administrator Resller) and Accenture (professional services) is to migrate the existing on-premise Oracle EBS environment including database upgrade and ISG application from Exa platform to Oracle OCI IaaS solution. JEA is seeking to modernize their existing EBS by migrating it from Primary/Backup on-premise Exadata and Exalogic platform to the OCI. The work includes 33 weeks of professional implementation services with expected

Item 4

completion in December 2022. The agreement piggybacks off the competitively bid 43230000-NASPO-16-ACS contract terms and professional services rates and is attached as backup. Accenture will provide the applicable resources, supervision, consultation, and/or materials to perform the services and deliverables as detailed under the terms and conditions of the SOW attached as backup. The modernization will also include the implementation of robust cloud security architecture firewall solution Palo Alto (Palo) using Aviatix. This consulting service request was approved by the JEA ERP Steering Committee on 03/24/2022. The professional services rates and hours are detailed below.

SOW Title	Part Number	NASPO Title	Hourly Rate	Hours	Total
Onshore MD/Cloud-DL	Cloud-DL	Delivery Lead - Cloud Migration	\$478.91	60	\$28,734.60
OCI Tech Lead/Cloud-DL	Cloud-DL	Platform Architect - Cloud Migration	\$478.91	820	\$392,706.20
Onshore Tech PM/Cloud-ARL	Cloud-ARL	App Readiness Lead - Cloud Migration	\$300.71	960	\$288,681.60
Cloud Migration Architect/Cloud-MigrationEngLead	Cloud-MigrationEngLead	Migration Engineer - Lead	\$300.71	1,080	\$324,766.80
OCI Network Security Architect/Cloud-SecAnalyst	Cloud-SecAnalyst	Security Analyst - Cloud Migration	\$327.94	460	\$150,852.40
EBS Application Admin\CS - EngLead	Cloud-MigrationEngLead	Migration Engineer - Lead	\$300.71	960	\$288,681.60
Senior DBA\CS-AutoArch	Cloud-PlatformArch	Platform Architect - Cloud Migration	\$314.30	960	\$301,728.00
EBS Application Admin 2\Cloud-ARL	Cloud-ARL	App Readiness Lead - Cloud Migration	\$300.71	840	\$252,596.40
Security MSS-Palo\Cloud-SecAnalyst	Cloud-SecAnalyst	Security Analyst - Cloud Migration	\$327.94	520	\$170,528.80
Security MSS-Aviatrix\Cloud-SecAnalyst	Cloud-SecAnalyst	Security Analyst - Cloud Migration	\$327.94	560	\$183,646.40
Total					\$2,382,922.80

The detailed proposal from Insight Public Sector, Inc and Accenture includes the full project plan and services including the main project objectives below.

- Modernize the current JEA EBS platform to maintain Oracle support.
- Move EBS and ISG applications to OCI.
- Upgrade database from 12c to 19c as part of this migration – required due to the upcoming 7/31/22 desupport date of the current 12c database.
- Virtualized instances for deployment application & Database tier.
- Partner will drive effort and execution with minimal input from JEA infrastructure team.
- EBS upgrade not in scope

Request approval to award a contract to Insight Public Sector, Inc to migrate the existing on-premise Oracle EBS environment including database upgrade and ISG application from Exa platform to Oracle OCI IaaS solution in the amount of \$2,382,922.80, subject to the availability of lawfully appropriated funds.

Director: Edgar, Cindy L. - Dir Eng Systems & PMO
VP: Datz, Stephen H. - VP Technical Services

Item 4

Chief: Krol, Bradley D. - Chief Information Officer

APPROVALS:

Chairman, Awards Committee	Date
-----------------------------------	-------------

Budget Representative	Date
------------------------------	-------------

CHANGE REQUEST (CR) Two
OF
STATEMENT OF WORK NO. 4010071858
ORIGINAL SOW NO. 4010049049
DATED May 30, 2023
JEA-Cloud Migration

This Amendment is made and entered by and between the JEA, hereinafter referred to as the “Client or Agency” and Insight Public Sector, Inc., hereinafter referred to as the “Contractor” or “Insight.” For good and valuable consideration, the sufficiency of which is hereby acknowledged, it is mutually understood and agreed by and between said, undersigned contracting parties that the subject statement of work is hereby amended as follows:

1. Section 3.1.1, detailing “Scope and Approach”, (a) is updated with the following:

Scope

Work Stream	Requirements
Oracle Security and Timeline Extension	<ul style="list-style-type: none"> • Implement OS pre-requisites for security tools on OCI • Implement OCI network configurations required for implementation of security tools • Implement and assist configurations for F5 implementation for iSupplier

Approach

Product/Service	Vendor Tasks	Client Tasks
F5 and ASM	Phoenix and Ashburn <ul style="list-style-type: none"> • Internal Sessions for design and configuration • OCI network config prep and execution • Provisioning compute and grant access • Working sessions • OCI image import and provisioning and transition backend access • Palo Alto Firewall and OCI support 	<ul style="list-style-type: none"> • Licensing and F5 configuration • F5 remediation co-ordination
Tripwire	<ul style="list-style-type: none"> • App computes inclusive of EBS, ISG, and APEX - 39 • Ansible playbook config, build, and test • OS configurations • OCI support 	<ul style="list-style-type: none"> • Installation and tool execution • Validation and scan result evaluation

Item 4

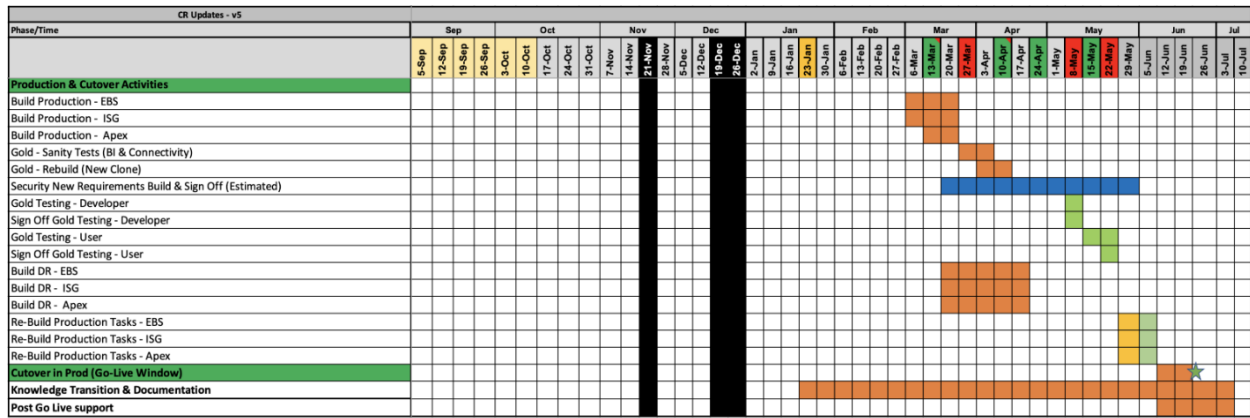
Product/Service	Vendor Tasks	Client Tasks
		<ul style="list-style-type: none"> Scan result remediation (beyond the scope of Hardening list to be provided by Megan and Mary from this new security requirements CR)
Tenable Nessus	<ul style="list-style-type: none"> Research, discussions/meetings, and pre-requisites gathering (from Client) <p>Ashburn and Phoenix</p> <ul style="list-style-type: none"> Network config (subnet creation, rt, and sl) Image import and Compute Provisioning) Grant backend access to compute Ansible Playbook config - update sudoers config of app computes for the AD service account Execute Ansible push of pre-requisites Oracle service account creation Setup boot backup schedule Palo Alto FW configurations OS configurations 	<ul style="list-style-type: none"> Licensing OCI compatible image, Installation, testing, and validation Tool execution Local service account creation for Client managed tools will be owned by Client - Extra Hop, Aviatrix, and F5 Scan result evaluation and scan result remediation coordination - Client and Vendor
Deep Security	<ul style="list-style-type: none"> Research, discussions/meetings, and pre-requisites gathering (from Client) Scale application compute to add 2 OCPU and 5 GB memory - 2 per host (inclusive of app shutdown > scale > start-up > sanity test app) Ansible Playbook configuration (to push pre-requisites) and OS Configurations Execute Ansible push of pre-requisites Palo Alto FW Configurations and OCI support 	<ul style="list-style-type: none"> Licensing Provide OL8 and OL7.9 compatible agents Agent installation, testing, and validation Tool execution and scan result evaluation Scan result remediation coordination - Client and Vendor
Splunk	<ul style="list-style-type: none"> Ansible Playbook configuration OCI support 	<ul style="list-style-type: none"> Provide installation details - host, service account, and any other parameters

Product/Service	Vendor Tasks	Client Tasks
	<p>Ashburn and Phoenix</p> <ul style="list-style-type: none"> • Pre-requisites and Splunk Installation, User Permission OS logs • Splunk User Permission OS, DB Logs, and Splunk Installation • Manual Effort for OCI Exa CS • PA Firewall Rule, OCI Flow Logs only • Streaming and connector config • Service account setup and transition info 	<ul style="list-style-type: none"> • Testing and validation • Additional custom configuration and scheduling (ex-frequency of push/pull by Agent to Forwarder and additional files/folder permission) • Additional log forwarding configuration for other appliances deployed in OCI (non-Palo Alto FW) • Splunk Linux Readiness and OCI Addon/Plugin
Solar Winds	<ul style="list-style-type: none"> • Initial research sessions 	<ul style="list-style-type: none"> • Initial research sessions
Hardening	<ul style="list-style-type: none"> • Current 144 Passed in EBS OL8 • Client target is 80% so rough estimate of 102 - 5 rules • Research and Ansible Playbook config build, test, and validation - 1-2-3 (easy-medium-hard) • Execute Ansible Playbook - Inclusive of compute reboot if required; excludes startup of application unless App Admin Team has configured the application to auto-start post reboot) • Config validation • OCI Support 	<ul style="list-style-type: none"> • Provide approved rules (vetted by Client EBS Admin) • Re-execution of scan and validation of remediation • Validation of OS and application stability • Agreed Count # 5
OS Patching	<ul style="list-style-type: none"> • Manual Effort EBS OL8, ISG, and APEX OL7.9 • Generate pre-patch report, verify contents, and share with Client for confirmation/approval • Get patch list from Client third party and cross verify items against availability in Oracle Repos • Configure EBS Apps Team exclusion list • Backup boot/block via OCI Console 	<ul style="list-style-type: none"> • Provide confirmation/approval on patch list from pre-patch report • Provide list from third-party scan results • Provide EBS app exclusion list • Provide list of third-party tools to validate/verify post execution and reboot. • Execute re-scan and verify remediation.

Item 4

Product/Service	Vendor Tasks	Client Tasks
	<ul style="list-style-type: none"> Backup critical OS files Execute oracle update/patch and monitor Execute third-party update/patch and monitor Compute reboot Verify system services Verify third-party security services Generate post-patch report Compare pre-patch and post-patch report Generate baseline patch file OCI support 	<ul style="list-style-type: none"> Validate application stability post patch Regression testing CAB/Common process approval and downtime communication Application shutdown (EBS Admin Vendor and Client) Application startup (EBS Admin Vendor and Client)
Service Now	<ul style="list-style-type: none"> OS configuration and support 	<ul style="list-style-type: none"> Installation and discovery

Project Timeline/Gantt



Deliverables and Work Products

#	Deliverable Name	Deliverable Description	Deliverable Work/Product	Date
1	Implement Security tools on OCI.	Implement the Security tools on OCI	WP	N/A

Work Product (WP) - Work Product is an interim or work in progress or living version of a Deliverable/document.

2. Section 4.1(a), detailing "Payment Methodology", shall have the following additive statement:

In no event shall the Client's maximum liability under this additive CR exceed six hundred thousand fifty-six dollars and thirty-six cents (\$646,079.36) ("CR Maximum Liability"), based on the payment schedule outlined below.

Item 4

3. Regarding the payment schedule found in Section 4.1(c), the payment schedule below, is additive:

SOW Title	Part Number	NASPO Title	Hourly Rate	Hours	Estimated Price
Onshore MD/Cloud-DL	Cloud-DL	Delivery Lead - Cloud Migration	\$478.91	16	\$7,662.56
OCI Tech Lead/Cloud-DL	Cloud-DL	Platform Architect - Cloud Migration	\$478.91	160	\$76,625.60
Cloud Migration Architect/Cloud-MigrationEngLead	Cloud-MigrationEngLead	Migration Engineer - Lead	\$300.71	320	\$96,227.20
OCI Network Security Architect/Cloud-SecAnalyst	Cloud-SecAnalyst	Security Analyst - Cloud Migration	\$327.94	160	\$52,470.40
EBS Application Admin\CS - EngLead	Cloud-MigrationEngLead	Migration Engineer - Lead	\$300.71	320	\$96,227.20
Senior DBA\CS-AutoArch	Cloud-PlatformArch	Platform Architect - Cloud Migration	\$314.30	320	\$100,576.00
EBS Application Admin 2\Cloud-ARL	Cloud-ARL	App Readiness Lead - Cloud Migration	\$300.71	120	\$36,085.20
Security MSS-Palo\Cloud-SecAnalyst	Cloud-SecAnalyst	Security Analyst - Cloud Migration	\$327.94	180	\$59,029.20
Security MSS-Aviatrix\Cloud-SecAnalyst	Cloud-SecAnalyst	Security Analyst - Cloud Migration	\$327.94	400	\$131,176.00
Total Estimated Price					\$656,079.36

Note: Except for the hourly rate, the table above provides budgetary estimates only.

4. Section 4.2, detailing "SOW Monetary Cap" shall have the following additive statement:

4.2 CR Monetary Cap

This CR is a time and materials CR. The estimated charges under this CR is six hundred thousand fifty-six dollars and thirty-six cents (\$656,079.36). The Client shall compensate the Contractor for actual work performed, in an amount not to exceed the CR Not to Exceed (NTE) Amount. The Agency shall not be obligated to pay for, and the Contractor shall not be obligated to perform, work under this CR in excess of the CR NTE Amount unless and until the parties execute a written amendment to this CR to increase such CR NTE Amount.

Required Approvals. The Client is not bound by this Amendment until it is signed by the parties and approved by appropriate officials in accordance with applicable Tennessee laws and regulations.

Representation. The Contractor represents and warrants that the fees detailed in this Amendment are consistent with the current price catalog for Insight Public Solutions, Inc. under NASPO ValuePoint Cloud Solutions Contract AR2485.

Amendment Effective Date. The revisions set forth herein shall be effective once this Amendment is signed by both parties and all required approvals are obtained. All other terms and conditions of the CR not expressly amended herein shall remain in full force and effect.

Item 4

IN WITNESS WHEREOF,

INSIGHT PUBLIC SECTOR, INC.:

CONTRACTOR SIGNATURE

DATE

PRINTED NAME AND TITLE OF SIGNATORY (above)

JEA:

PRINTED NAME AND TITLE OF SIGNATORY (above)

DATE