

Welcome to the

Awards Meeting

June 22, 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, 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 **Aileen Cruz** by telephone at **(904) 776-1911** or by email at **cruza@jea.com** if you experience any technical difficulties during the meeting.

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
	<p>Originally Awarded: December 17, 2023 Original Expiration: June 15, 2023 For additional information contact Eddie Bayouth</p> <p>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.</p> <p>This request is to ratify \$54,894.81 spent over the \$300K threshold because of increased maintenance and repair requirements, increase the Not-to-Exceed (NTE) to \$489,256.17 to cover projected expenses for the remainder 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.</p>										
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%
	<p>Advertised: 01/30/2023 Opened: 03/14/2023 Two (2) Proposals Received Public Evaluation Meeting: 04/11/2023 For Additional Information Contact: Dan Kruck</p> <p>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 oxidization 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.</p> <p>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.</p>										
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)	#####
	<p>Originally Awarded: 10/20/2022 For Additional Information Contact: Dan Kruck</p> <p>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.</p> <p>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.</p> <p>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.</p>										

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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	<p>Motion by: Laura Schepis,</p> <p>Second by: Delphine Maiden</p> <p>Committee Decision: Approved</p>
<p>Advertised: 05/09/2023 Proposals Opened: 05/31/2023 One (1) Proposal Received For additional information contact: Nickolas Dambrose</p> <p>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.</p> <p>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.</p> <p>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.</p>											
Consent and Regular Agenda Signatures											
Budget	Name/Title	<i>Stephanie M. Neely</i>									
Awards Chairman	Name/Title	<i>Theodore B. Phillips</i>									
Procurement	Name/Title	<i>J. M. ...</i>									
Legal	Name/Title	<i>Rebecca Lavis</i>									

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.

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1	Minutes	Minutes from 06/08/2023 Meeting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Omnia Contract/Piggyback	Hewlett Packard DL380 and DL360 Servers and related Equipment and Support	Datz	CDW GOVERNMENT LLC	Capital	\$354,431.25	N/A	\$354,431.25	N/A	One-Time Purchase w/Five (5) years maintenance Start Date: 06/19/2024 End Date: 06/18/2029	N/A
<p>Piggyback Contract: Omnia ESCR4 R210401 Tech Sol. Products/Services For additional Information Contact: Nathan Woyak</p> <p>Request to award CDW-G, an authorized HPE reseller and Omnia contract participant, a one-time, opportunity purchase of JEA standard platform DL360 (single rack-unit(RU) footprint) and DL380(double rack-unit(RU) footprint) HPE hardware servers including all hardware integrated HPE S&M providing operations warranty coverage of the systems over their expected useful life of 5 years. These are the two primary hardware server platform types used within the JEA data centers and at JEA field network locations for W/W SCADA system support, remote VDI, distributed PI Telemetry/Monitoring systems, information security application segmentation and other use cases per solution requirements. These systems will be used to build new systems, increase system capacity per forecasts or replace existing, aging-out hardware. All hardware is expected to be received in a timely manner based on the forecasted supply chain estimated delivery dates of each solution build as considerations were made during hardware selection to ensure system component availability.</p> <p>JEA has deemed the pricing to be fair and accurate based on the established contract which in this case provides an overall 57.5% discount off MSRP on the DL360's and an overall 59.6% discount on the DL380's. These discounts result in a net savings of \$491,032.75 off retail to JEA.</p>											
3	Contract Increase	1410431046 Industrial Cleaning Services	Erixton	Thompson Industrial Services, LLC	Capital & O&M	Thompson Industrial Services, LLC \$487,445.93	Thompson Industrial Services, LLC \$765,030.00	Thompson Industrial Services, LLC \$1,328,978.93	5/10/2023 Thompson Industrial Services, LLC \$76,503.00	Five (5) Years, w/ One (1) - 1 Yr. Renewals	N/A
<p>Originally Awarded: 12/16/2021 Contract Expiration: 12/15/2026 For additional information contact: Rodney Lovgren</p> <p>JEA utilizes two (2) contractors for industrial cleaning services at the power plants (wet/dry vacuuming services, hydroblasting, chemical cleaning, high volume pumping, dust control system cleaning and pit cleaning). This increase is to allow continued use of the primary contractor (Thompson) through the original term. Additional funding requests will be processed as required. Work will be performed at the current contract rates, with CPI allowable annually upon request.</p>											
4	Request for Proposal (RFP)	1411223446 Mail Services for JEA	Schepis	Fedex Office and Print Services, Inc.	O&M	\$535,659.00	\$535,659.00	N/A	N/A	Five (5) Years, w/ Two (2) - 1 Yr. Renewals	N/A
<p>Advertised: 04/19/2023 Bid Opening: 05/23/2023 Two (2) Proposals Received For additional information contact: Rodney Lovgren</p> <p>The Supplier for the JEA mailroom provides processing of incoming and outgoing mail (interoffice, USPS, courier, express services, and contractor drop-off/pick-up). Other services include; courier pick-ups & deliveries, sending, receiving, and logging packages for express delivery, inventorying & replenishing mail and copy room supplies, notifying JEA employees of mail or packages for pick-up, sending digital mail and documents to JEA employees, copying, scanning.</p> <p>Only two (2) Proposals were received due to the type and volume of work. Considering the range of the proposals received and the new provider is 18.7% less than the incumbent resulting in a forecasted savings of \$100,368.60, the price is deemed reasonable.</p>											
5	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
<p>MOVED TO REGULAR AGENDA</p>											
6	Contract Increase	086-19 Construction Management-at-Risk (CMAR) Services for the Buckman Biosolids Conversion Projects	Melendez - Wastewater	Wharton-Smith, Inc.	Capital	\$36,252,293.00	\$971,322.00	\$104,107,459.27	09/03/2020 - \$13,825,095.00 03/25/2021 - \$17,800,520.00 03/24/2022 - \$14,397,053.00 05/05/2022 - \$3,684,712.00 06/10/2022 - \$175,699.27 03/02/2023 - \$14,514,773.00 03/30/2023 - \$2,485,992.00	Project Completion (Expected: January 2028)	N/A - This Contract Increase
<p>Last Awarded: 03/30/2023 For Additional Information Contact: Lynn Rix</p> <p>The scope of work to be performed under this solicitation consists of CMAR services for the Buckman Biosolids Conversion Projects. These projects are needed to update the treatment process at the Buckman Water Reclamation Facility (WRF) to meet current and future needs.</p> <p>This increase request will fund the early dewatering package needed to keep the upgrades going at the Buckman WRF. This package includes removing and replacing aeration headers, diffusers, the dewatering system and sluice gates. This increase also includes funding for the construction of the caking receiving station and long lead electrical equipment.</p> <p>It is estimated that the overall contract value, inclusive of all projected projects, will be \$300,000,000.00.</p>											

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7	Request for Proposal (RFP)	1411124446 Engineering Services for SJRPP Substation Expansion	Melendez	Chen Moore & Associates, Inc.	Capital	\$545,738.00	\$545,738.00	N/A	N/A	Project Completion (2026)	Meskel & Assoc (Geotechnical Services) 5% - \$27,286.90 VIA Consulting (Constructability Review) 2% - \$10,914.76
	<p>Advertised: 02/15/2023 Proposals Opened: 04/18/2023 Four (4) Proposals Received Public Evaluation Meeting: 05/18/2023 For additional information contact: Rodney D. Lovgren</p> <p>This solicitation is for engineering services to provide civil and electrical engineering services and services during construction (SDC) for the new SJRPP 230 / 26 kV distribution substation. The RFP was evaluated based on engineering firms qualifications. The scope and fee were successfully negotiated with the highest evaluated Proposer. The Engineering fee is approximately 8.7% of the current construction estimate. JEA has reviewed the hourly rates for engineering and SDC estimate and deemed the estimate and rates reasonable when compared to previous contracts.</p>										
8	IFB	1411172447 Martin Luther King-Fairfax to Brentwood Water Main Replacement	Melendez - Water	Petticoat-Schmitt Civil Contractors, Inc.	Capital	\$9,167,519.00	N/A	\$9,167,519.00	N/A	Project Completion (Expected: October: 2025)	Five Percent (5%) Requirement RZ Services (Materials) - 5%
	<p>Advertised: 4/13/23 Bids Opened: 5/23/23 Five (5) Bids Received For Additional Information Contact: Lynn Rix</p> <p>This solicitation is to request construction services to install watermain pipe along Martin Luther King Pkwy (20th Street) and Myrtle Avenue. In addition, the following components are included to support the project: Removal and replacement of 148 existing water services; Installation of 25 new water services; Abandonment of 6,673 LF existing watermain by grout filling; Abandonment of 84 LF watermain by removal; Abandonment of 11 additional watermain locations by sealing or plugging; Removal and replacement of privately owned asphalt pavement and stamped brick asphalt pavers; and asphalt mill and resurfacing. Removal and replacement of COJ concrete curb and gutter, concrete/asphalt driveway, and concrete sidewalk. The bid was compared to the estimate and past projects and deemed reasonable.</p>										

Consent Agenda Action

Committee Members in Attendance	Names	<u>Ted Phillip, David Emanuel, Janie Smalley</u>
Motion by:	Janie Smalley	
Second By:	David Emanuel	
Committee Decision	Approved as Amended for Consent Agenda and Regular Agenda	

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)
Regular Agenda (date last updated)											
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5	IFB	1411251046 - Nassau Regional Water Reclamation Facility – Fiber Optic Construction, Installation, and Testing	Selders	Cook Electrical, Inc.	\$695,177.50	N/A	\$695,177.50	N/A	Project Completion (Estimated 06/20/23 through 09/27/23)	N/A – Optional	<p>Motion by: <u>David Emanuel</u></p> <p>Second by: <u>Janie Smalley</u></p> <p>Committee Decision: <u>Deferred</u></p>
<p>Advertised: 05/09/2023 Proposals Opened: 05/31/2023 One (1) Proposal Received For additional information contact: Nickolas Dambrose</p> <p>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.</p> <p>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.</p> <p>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. No liquidated damages have been included in this award request.</p>											
Regular Agenda Action											
Committee Members in Attendance	Names	Ted Phillips, David Emanuel, Janie Smalley									
Motion by:	David Emanuel										
Second By:	Janie Smalley										
Committee Decision	Deferred										
Consent and Regular Agenda Signatures											
Budget	Name/Title	<u>Stephanie M Healy</u>									
Awards Chairman	Name/Title	<u>Theodore B Phillips</u> CFO									
Procurement	Name/Title	<u>Lisa Pleasants</u> Sr. Sourcing Mgr. (for Jennifer McCollum)									
Legal	Name/Title	<u>Rebecca Lavis</u>									

Cook Electrical
 745 Eastport Rd
 Jacksonville, FL 32218
 (904) 696-1017

6/21/2023

A	B		C	D
ITEM NO.	DESCRIPTION OF WORK	Quantity	SCHEDULED VALUE	Total
	Nassau Regional Water Reclamation Fiber Install			
1	24ct FOC	500'	\$1.50	\$750.00
2	144ct FOC	30,000'	\$1.50	\$45,000.00
3	2" Directional Drill	1,550'	\$10.50	\$16,275.00
4	4" Directional Drill	25,220'	\$12.00	\$302,640.00
5	3x1" innerduct	27,700'	\$8.12	\$224,924.00
6	Locate wire	30,000'	\$1.75	\$52,500.00
7	Fiber Manhole	22	\$750.00	\$16,500.00
8	Cott Marker	22	\$100.00	\$2,200.00
9	Fiber Building Entrance	1	\$1,500.00	\$1,500.00
10	Splices	72	\$30.00	\$2,160.00
11	Thru Splices	360	\$30.00	\$10,800.00
12	Splice enclosures/trays	3	\$1,000.00	\$3,000.00
13	Fiber testing	168	\$10.00	\$1,680.00
14	Performance/Payment Bond	1	\$15,248.50	\$15,248.50
			Total Bid Price	\$695,177.50

1411055046 Engineering Design Services for the Blacks Ford WRF - Expansion from 6 to 12 MGD

Vendor Rankings	Samuel Ramirez	Katie Templeton	Miranda Federico	Σ Rank	Rank
Ardurra Group, Inc.	1	1	1	3	1
Jacobs Engineering Group Inc.	2	2	2	6	2

Samuel Ramirez	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (25 Points)	JSEB (5 Points)	Total	Rank
Ardurra Group, Inc.	30	29	21	4	84.00	1
Jacobs Engineering Group Inc.	30	27	21	4	82.00	2

Katie Templeton	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (25 Points)	JSEB (5 Points)	Total	Rank
Ardurra Group, Inc.	23.67	40	18	4	85.67	1
Jacobs Engineering Group Inc.	23.33	13	21	4	61.33	2

Miranda Federico	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (25 Points)	JSEB (5 Points)	Total	Rank
Ardurra Group, Inc.	28.67	39	25	4	96.67	1
Jacobs Engineering Group Inc.	28.47	27	25	4	84.47	2

Overall Averages	Professional Staff Experience (30 Points)	Design Approach and Work Plan (40 Points)	Company Experience (25 Points)	JSEB (5 Points)	Total
Ardurra Group, Inc.	27.45	36.00	21.33	4.00	88.78
Jacobs Engineering Group Inc.	27.27	22.33	22.33	4.00	75.93

Summary

Task	Discipline	Compensation Basis	Total Hours	Total Cost
1	Project Management and Meetings		8,886	\$ 1,630,664.33
	Subtotal Task 1.1	Lump Sum	5,190	\$ 880,110.96
	Subtotal Task 1.2	Hourly	3,696	\$ 750,553.37
2	Data Collection and Technical Memoranda	Lump Sum	4,332	\$ 855,934.59
3	10% Schematic Design	Lump Sum	6,078	\$ 1,166,667.51
4	30% Design	Lump Sum	12,442	\$ 2,276,416.97
5	60% Design	Lump Sum	19,362	\$ 3,346,891.68
6	90% Design	Lump Sum	12,228	\$ 2,115,865.62
7	100% Design	Lump Sum	5,601	\$ 1,034,860.34
8	Permitting	Hourly - Not to Exceed	1,736	\$ 308,741.19
9	CMAR Services	Hourly - Not to Exceed	3,052	\$ 595,135.76
	Subconsultant Services (Allowance)	Lump Sum		\$ 600,000.00
	Grand Total		73,717	\$ 13,931,177.99

Title	Rates*	Years
PM/EOR (Equivalent for Discipline Leads)	\$265.66	30+
Senior Professional Engineer	\$242.42	15+
QA/QC Manager	\$312.15	30+
Professional Engineer	\$182.64	10+
Junior Professional Engineer	\$159.40	5+
Engineering Intern II	\$139.47	2+
SR CADD Designer	\$132.40	15+
CADD Designer	\$116.23	5+
Clerical / Administrative / Project Controller	\$97.96	n/a

*Rates beyond 2025 to be adjusted for inflation

Scope Definition		PM/EOR (Equivalent for Discipline Leads)	Senior Professional Engineer	QA/QC Manager	Professional Engineer	Junior Professional Engineer	Engineering Intern II	SR CADD Designer	CADD Tech	Clerical / Administrative / Project Controller	HOURS/ TASK	TOTAL FEE/ TASK
1	PROJECT MANAGEMENT	\$ 265.66	\$ 242.42	\$ 312.15	\$ 182.64	\$ 159.40	\$ 139.47	\$ 132.40	\$ 116.23	\$ 97.96		
	1.1 Project Management											
	Prepare scope of service and a work plan with timeline (work schedule)											
	Civil Task Management	120.0					20.0				140	\$ 34,669.13
	Structural Task Management	80.0			60.0						140	\$ 32,211.74
	Process Mechanical Management	600.0							240.0		840	\$ 182,909.53
	HVAC & Plumbing Management	80.0			20.0						100	\$ 24,905.98
	Electrical Management	160.0			30.0						190	\$ 47,985.52
	I&C Management	160.0									160	\$ 42,506.21
	Prepare monthly invoices and submit project progress update	240.0	180.0							1,600.0	2,020	\$ 264,136.23
	Workplan and QMP Development			160.0							160	\$ 49,944.79
	Ongoing Conflict Checks and Resolution (half time)						1,440.0				1,440	\$ 200,841.83
	Subtotal Task 1.1	\$ 382,555.87	\$ 43,635.28	\$ 49,944.79	\$ 20,090.82	\$ -	\$ 203,631.30	\$ -	\$ -	\$ 180,252.89	5,190	\$ 880,110.96
	1.2 Meetings and Workshops											
	Attend progress project meetings and final review meeting. Provide agendas and meeting minutes with action items.											
	Kickoff Meeting (includes disciplines)	16.0	180.0		80.0		80.0			24.0	380	\$ 76,006.41
	Weekly Meetings with JEA PM (64)	180.0	240.0				280.0				700	\$ 145,052.43
	TM Review Workshops (8)	64.0	420.0				180.0			256.0	920	\$ 169,002.03
	Monthly Meetings with JEA (12)	80.0	180.0				96.0			12.0	368	\$ 79,453.40
	Site Visits (6)	60.0	216.0		36.0		36.0				348	\$ 79,898.39
	Milestone Review Workshops (5)	160.0	320.0		320.0		120.0			60.0	980	\$ 201,140.70
	Subtotal Task 1.2	\$ 148,771.73	\$ 377,202.75	\$ -	\$ 79,632.72	\$ -	\$ 110,463.01	\$ -	\$ -	\$ 34,483.16	3,696	\$ 750,553.37
	TASK 1 HOURS	2,000	1,736	160	546	0	2,252	0	0	2,192	8,886	
	TASK 1.1 LUMP SUM											\$ 880,110.96
	TASK 1.2 HOURLY BASIS											\$ 750,553.37
1	TASK 1 LABOR FEE	\$ 531,327.60	\$ 420,838.03	\$ 49,944.79	\$ 99,723.55	\$ -	\$ 314,094.31	\$ -	\$ -	\$ 214,736.05		\$ 1,630,664.33

Scope Definition		PM/EOR (Equivalent for Discipline Leads)	Senior Professional Engineer	QA/QC Manager	Professional Engineer	Junior Professional Engineer	Engineering Intern II	SR CADD Designer	CADD Tech	Clerical / Administrative / Project Controller	HOURS/ TASK	TOTAL FEE/ TASK
TASK		\$ 265.66	\$ 242.42	\$ 312.15	\$ 182.64	\$ 159.40	\$ 139.47	\$ 132.40	\$ 116.23	\$ 97.96		
2	DATA COLLECTION, ASSESSMENT AND EVALUATION											
	Prepare and submit Data Request Memo											
	Civil Engineering	5.0			15.0		10.0				30	\$ 5,462.71
	Structural Engineering										0	\$ -
	Process Mechanical Engineering	60.0	120.0		40.0		240.0				460	\$ 85,809.41
	HVAC, Plumbing, & Fire Protection Engineering										0	\$ -
	Electrical Engineering	8.0	12.0				8.0				28	\$ 6,150.12
	I&C Engineering										0	\$ -
	Collect and review available record drawings.											
	Civil Engineering	8.0					16.0				24	\$ 4,356.89
	Structural Engineering	10.0			10.0		5.0				25	\$ 5,180.44
	Process Mechanical Engineering	40.0	120.0				120.0				280	\$ 56,453.56
	HVAC, Plumbing, & Fire Protection Engineering	10.0			10.0		5.0				25	\$ 5,180.44
	Electrical Engineering	40.0	60.0				60.0				160	\$ 33,540.05
	I&C Engineering										0	\$ -
	Review record plans and identify the flows used to create the hydraulic profile presented in the record plans.											
	Civil Engineering	4.0					8.0				12	\$ 2,178.44
	Structural Engineering										0	\$ -
	Process Mechanical Engineering	40.0	160.0			240.0					440	\$ 87,669.05
	HVAC, Plumbing, & Fire Protection Engineering										0	\$ -
	Electrical Engineering										0	\$ -
	I&C Engineering	8.0	48.0		24.0						80	\$ 18,144.84
	Technical Memoranda											
	TM-1: Flows and Loads (define what we are designing for)	12.0	80.0	4.0			80.0			4.0	180	\$ 35,379.78
	TM-2: Analyze Influent Flow Meter Assembly and Recommend Improvements	4.0	40.0	4.0						4.0	52	\$ 12,399.86
	TM-3: Headworks and Grit Removal Considerations	6.0	80.0	4.0			40.0			4.0	134	\$ 28,206.85
	TM-4: Consideration of Biomix Versus Submersible Mixers and Anoxic Basin Design	4.0	24.0	4.0	24.0		32.0			4.0	92	\$ 17,367.77
	TM-5: Operating and Control Philosophy (combined for both the existing 6 mgd and proposed 6 mgd expansion)	12.0	120.0	16.0			80.0			4.0	232	\$ 48,822.36
	TM-6: Consideration of Cast in Place Versus Prestressed Tanks with Common Walls	4.0	60.0	8.0			100.0			4.0	176	\$ 32,444.19
	TM-7: Secondary Clarifier Design Considerations	8.0	80.0	8.0						4.0	100	\$ 24,407.86
	TM-8: RAS/WAS Pump Station Design and Improvements to the Existing RAS/WAS System	4.0	40.0	4.0			80.0	24.0		4.0	156	\$ 26,735.42
	TM-9: Filtration System Expansion	4.0	40.0	4.0				32.0		4.0	84	\$ 16,636.77
	TM-10: UV system improvements including flow split issues with the existing UV system (evaluate 5 systems with 5 separate designs)	16.0	120.0	16.0	60.0	80.0		60.0		4.0	356	\$ 70,381.84
	TM-11: Effluent Discharge (pumping may be needed) and In-Plant Drain Pump Stations	8.0	60.0	8.0			80.0	24.0		4.0	184	\$ 33,895.06
	TM-12: Evaluate existing digesters and consider the need for a new digester. Evaluate the need for an additional centrifuge and associated controls and related improvements. Consider the need for thickening to reduce digester volume needs.	4.0	80.0	4.0	32.0					4.0	124	\$ 27,941.19
	TM-13: Chemical Feed System Improvements (consider need for adequate chemical storage, containment, and chemical feed systems)	4.0	40.0	4.0			80.0	16.0		4.0	148	\$ 25,676.19
	TM-14: Instrumentation and Control Considerations confirming Profinet, HMI, and communications from the plant to other locations and vice-versa.	8.0	80.0	8.0	24.0					4.0	124	\$ 28,791.31
	TM-15: Electrical Considerations including improvements to the existing generator (for compliance with the new JEA standards and FAC 62-762) and the need for a new generator	8.0	100.0	8.0						4.0	120	\$ 29,256.23
	TM-16: Overall site plan with new and improved facilities' locations and stormwater considerations	12.0	100.0	12.0	60.0		80.0	40.0	120.0	4.0	428	\$ 72,927.50
	TM 17: Security System Design	8.0	24.0	2.0			40.0			4.0	78	\$ 14,538.45
2	TASK 2 LABOR FEE	\$ 95,373.30	\$ 409,201.95	\$ 36,834.29	\$ 54,610.51	\$ 51,007.45	\$ 162,347.15	\$ 25,951.07	\$ 13,947.35	\$ 6,661.52		\$ 855,934.59
	TASK 2 HOURS	359	1,688	118	299	320	1,164	196	120	68	4,332	
	TASK 2 LUMP SUM											\$ 855,934.59

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TASK		\$ 265.66	\$ 242.42	\$ 312.15	\$ 182.64	\$ 159.40	\$ 139.47	\$ 132.40	\$ 116.23	\$ 97.96		
3	10% CONCEPTUAL DESIGN DOCUMENTS (CDD)											
	Prepare and submit CDC meeting the goals under Milestone 1											
	Civil Engineering	120.0			240.0		160.0	60.0	80.0	16.0	676	\$ 116,839.80
	Structural Engineering	160.0			300.0		80.0	100.0		16.0	656	\$ 123,265.00
	Architectural	80.0					120.0	80.0		16.0	296	\$ 50,149.61
	Process Mechanical Engineering	300.0	240.0	120.0	180.0	360.0	720.0	120.0	240.0	40.0	2,320	\$ 413,719.95
	HVAC, Plumbing, & Fire Protection Engineering	100.0			220.0			60.0	40.0	8.0	428	\$ 80,125.06
	Electrical Engineering	240.0	300.0		240.0		80.0	80.0		16.0	956	\$ 203,636.87
	I&C Engineering	300.0	320.0		110.0					16.0	746	\$ 178,931.21
	JEA is to provide written comments to the EOR.											
3	TASK 3 LABOR FEE	\$ 345,362.94	\$ 208,479.67	\$ 37,458.60	\$ 235,610.58	\$ 57,383.38	\$ 161,789.25	\$ 66,201.71	\$ 41,842.05	\$ 12,539.33		\$ 1,166,667.51
	TASK 3 HOURS	1,300	860	120	1,290	360	1,160	500	360	128	6,078	
	TASK 3 LUMP SUM											\$ 1,166,667.51

Scope Definition		PM/EOR (Equivalent for Discipline Leads)	Senior Professional Engineer	QA/QC Manager	Professional Engineer	Junior Professional Engineer	Engineering Intern II	SR CADD Designer	CADD Tech	Clerical / Administrative / Project Controller	HOURS/TASK	TOTAL FEE/TASK
TASK		\$ 265.66	\$ 242.42	\$ 312.15	\$ 182.64	\$ 159.40	\$ 139.47	\$ 132.40	\$ 116.23	\$ 97.96		
4	30% DESIGN DOCUMENTS & PROJECT DESIGN REPORT (PDR)											
	Update TM's with major changes from previous phases of the design.	120.0	360.0	24.0			600.0	120.0			1,224	\$ 226,214.44
	Prepare and submit PDR meeting goals listed under Milestone 2 (incorporate JEA 10% comments)											
	Civil Engineering	160.0	160.0	40.0			420.0	320.0		24.0	1,124	\$ 197,078.41
	Structural Engineering	240.0	160.0	40.0	320.0		160.0	320.0		40.0	1,280	\$ 242,081.85
	Architectural	120.0					120.0	120.0		24.0	384	\$ 66,856.01
	Process Mechanical Engineering	210.0	540.0	80.0	320.0	360.0	1,080.0	360.0	420.0	160.0	3,530	\$ 590,283.54
	HVAC, Plumbing, & Fire Protection Engineering	120.0	180.0	40.0	220.0			100.0		24.0	684	\$ 143,774.25
	Electrical Engineering	240.0	280.0	40.0	300.0		900.0			160.0	1,920	\$ 340,116.08
	I&C Engineering	240.0	320.0	60.0	480.0	480.0				120.0	1,700	\$ 335,998.29
	Prepare and submit AACE Class 3 opinion of probable cost											
	Civil Engineering	12.0	40.0								52	\$ 12,884.69
	Structural Engineering	24.0			40.0						64	\$ 13,681.69
	Process Mechanical Engineering	24.0	40.0	8.0	60.0						132	\$ 29,528.53
	HVAC, Plumbing, & Fire Protection Engineering	12.0	24.0								36	\$ 9,006.00
	Electrical Engineering	16.0	60.0								76	\$ 18,795.71
	I&C Engineering	16.0	60.0		80.0						156	\$ 33,407.22
	Prepare cost variance from the original overall project budget (OPB).											
	Process Mechanical Engineering	8.0	24.0		48.0						80	\$ 16,710.25
4	TASK 4 LABOR FEE	\$ 414,966.86	\$ 544,956.15	\$ 103,635.45	\$ 341,178.74	\$ 133,894.56	\$ 457,473.06	\$ 177,420.57	\$ 48,815.72	\$ 54,075.87		\$ 2,276,416.97
	TASK 4 HOURS	1,562	2,248	332	1,868	840	3,280	1,340	420	552	12,442	
	TASK 4 LUMP SUM											\$ 2,276,416.97

Scope Definition		PM/EOR (Equivalent for Discipline Leads)	Senior Professional Engineer	QA/QC Manager	Professional Engineer	Junior Professional Engineer	Engineering Intern II	SR CADD Designer	CADD Tech	Clerical / Administrative / Project Controller	HOURS/ TASK	TOTAL FEE/ TASK
TASK		\$ 265.66	\$ 242.42	\$ 312.15	\$ 182.64	\$ 159.40	\$ 139.47	\$ 132.40	\$ 116.23	\$ 97.96		
5	60% DESIGN DOCUMENTS											
	Update TM's with major changes from previous phases of the design.	120.0	420.0	40.0			800.0	240.0		120.0	1,740	\$ 301,292.74
	Prepare and submit 60% submittal Contract Bid Documents meeting goals under Milestone 3											
	Civil Engineering	240.0					360.0	880.0		160.0	1,640	\$ 246,158.94
	Structural Engineering	260.0			580.0	160.0	80.0	690.0		120.0	1,890	\$ 314,781.61
	Architectural	120.0					120.0	120.0		24.0	384	\$ 66,856.01
	Process Mechanical Engineering	420.0	600.0	360.0	360.0	600.0	1,080.0	360.0	1,200.0	320.0	5,300	\$ 899,914.70
	HVAC, Plumbing, & Fire Protection Engineering	260.0	340.0				300.0	300.0		120.0	1,320	\$ 244,813.48
	Electrical Engineering	320.0	420.0				720.0	1,200.0		160.0	2,820	\$ 461,807.24
	I&C Engineering	240.0	180.0		600.0	960.0				160.0	2,140	\$ 385,677.42
	Develop demolition phasing and construction sequencing											
	Civil Engineering	16.0					24.0				40	\$ 7,597.98
	Structural Engineering	8.0									8	\$ 2,125.31
	Process Mechanical Engineering	8.0	24.0	12.0	80.0	24.0		40.0	80.0		268	\$ 44,720.64
	HVAC, Plumbing, & Fire Protection Engineering	8.0									8	\$ 2,125.31
	Electrical Engineering	16.0	24.0				24.0				64	\$ 13,416.02
	I&C Engineering	8.0	40.0		80.0	40.0					168	\$ 32,809.48
	Prepare and submit required schedules											
	Civil Engineering	16.0					24.0				40	\$ 7,597.98
	Structural Engineering										0	\$ -
	Process Mechanical Engineering	80.0		16.0							96	\$ 26,247.58
	HVAC, Plumbing, & Fire Protection Engineering										0	\$ -
	Electrical Engineering	8.0	16.0			40.0					64	\$ 12,379.93
	I&C Engineering	8.0	16.0		80.0	144.0					248	\$ 43,568.86
	Develop project bid form											
	Process Mechanical Engineering (by PM/EOR)	80.0									80	\$ 21,253.10
	Review and edit JEA's Division 0 (front-end) specifications as required to accommodate the Contract Bid Documents.											
	Process Mechanical Engineering (by PM/EOR)	40.0									40	\$ 10,626.55
	Prepare and submit ACE Class 2 opinion of probable cost											
	Civil Engineering	24.0					16.0				40	\$ 8,607.51
	Structural Engineering	40.0			40.0		60.0				140	\$ 26,300.72
	Process Mechanical Engineering	40.0	120.0	12.0	120.0						292	\$ 65,379.86
	HVAC, Plumbing, & Fire Protection Engineering	24.0			40.0		80.0				144	\$ 24,839.57
	Electrical Engineering	36.0	24.0			80.0					140	\$ 28,133.80
	I&C Engineering	36.0	16.0		60.0	8.0					120	\$ 25,676.41
	Prepare and submit cost variance											
	Process Mechanical Engineering	8.0			40.0	80.0					128	\$ 22,182.93
5	TASK5B LABOR FEE	\$ 659,908.88	\$ 543,016.81	\$ 137,348.18	\$ 379,899.23	\$ 340,474.73	\$ 514,378.25	\$ 507,105.06	\$ 148,771.73	\$ 115,988.82		\$ 3,346,891.68
	TASK 5 HOURS	2,484	2,240	440	2,080	2,136	3,688	3,830	1,280	1,184	19,362	
	TASK 5 LUMP SUM											\$ 3,346,891.68

Scope Definition		PM/EOR (Equivalent for Discipline Leads)	Senior Professional Engineer	QA/QC Manager	Professional Engineer	Junior Professional Engineer	Engineering Intern II	SR CADD Designer	CADD Tech	Clerical / Administrative / Project Controller	HOURS/ TASK	TOTAL FEE/ TASK
TASK		\$ 265.66	\$ 242.42	\$ 312.15	\$ 182.64	\$ 159.40	\$ 139.47	\$ 132.40	\$ 116.23	\$ 97.96		
6	90% DESIGN DOCUMENTS											
	Update TM's with major changes from previous phases of the design.	120.0	360.0	24.0			600.0	120.0		160.0	1,384	\$ 241,888.60
	Prepare and submit 90% Submittal of the Contract Bid Documents											
	Civil Engineering	240.0	360.0				360.0	340.0	600.0	24.0	1,924	\$ 318,345.36
	Structural Engineering	220.0	280.0		440.0	110.0	80.0	600.0		40.0	1,770	\$ 318,738.71
	Architectural	80.0					40.0	80.0		24.0	224	\$ 39,775.44
	Process Mechanical Engineering	160.0	140.0	120.0	80.0	160.0	480.0	240.0	240.0	80.0	1,700	\$ 288,474.47
	HVAC, Plumbing, & Fire Protection Engineering	120.0			200.0		80.0	300.0		24.0	724	\$ 121,638.46
	Electrical Engineering	240.0	480.0				800.0	1,080.0		40.0	2,640	\$ 438,613.08
	I&C Engineering	40.0	192.0		272.0	496.0				40.0	1,040	\$ 189,830.07
	Submit 90% bid form										0	\$ -
	Process Mechanical Engineering (by PM/EOR)	40.0									40	\$ 10,626.55
	Prepare and submit AACE Class 1 opinion of probable cost. Refine construction timeline.											
	Civil Engineering	8.0					16.0				24	\$ 4,356.89
	Structural Engineering	8.0			10.0		20.0				38	\$ 6,741.22
	Process Mechanical Engineering	8.0	24.0	12.0	80.0						124	\$ 26,300.72
	HVAC, Plumbing, & Fire Protection Engineering	8.0			10.0		10.0				28	\$ 5,346.48
	Electrical Engineering	8.0	24.0				24.0				56	\$ 11,290.71
	I&C Engineering	8.0	24.0		16.0						48	\$ 10,865.65
	Prepare cost variance from the original overall project budget (OPB).											
	Process Mechanical Engineering	8.0			12.0	80.0					100	\$ 17,068.90
	Develop and submit Equipment Attribute Table (EAM)											
	Civil Engineering	4.0					8.0				12	\$ 2,178.44
	Structural Engineering	8.0					16.0				24	\$ 4,356.89
	Process Mechanical Engineering	8.0	24.0				120.0				152	\$ 24,680.17
	HVAC, Plumbing, & Fire Protection Engineering	4.0			8.0		12.0				24	\$ 4,197.49
	Electrical Engineering	8.0	24.0				24.0				56	\$ 11,290.71
	I&C Engineering	8.0	24.0		48.0	16.0					96	\$ 19,260.63
6	TASK 6 LABOR FEE	\$ 360,240.11	\$ 474,170.03	\$ 48,696.17	\$ 214,789.18	\$ 137,401.32	\$ 375,183.70	\$ 365,433.41	\$ 97,631.45	\$ 42,320.24		\$ 2,115,865.62
	TASK 6 HOURS	1,356	1,956	156	1,176	862	2,690	2,760	840	432	12,228	
	TASK 6 LUMP SUM											\$ 2,115,865.62

Scope Definition		PM/EOR (Equivalent for Discipline Leads)	Senior Professional Engineer	QA/QC Manager	Professional Engineer	Junior Professional Engineer	Engineering Intern II	SR CADD Designer	CADD Tech	Clerical / Administrative / Project Controller	HOURS/ TASK	TOTAL FEE/ TASK
TASK		\$ 265.66	\$ 242.42	\$ 312.15	\$ 182.64	\$ 159.40	\$ 139.47	\$ 132.40	\$ 116.23	\$ 97.96		
7	100% DESIGN DOCUMENTS											
	Prepare and submit 100% final design documents											
	Civil Engineering	40.0					120.0	48.0		16.0	224	\$ 35,286.15
	Structural Engineering	65.0			90.0		20.0	130.0		16.0	321	\$ 55,275.42
	Process Mechanical Engineering	70.0	160.0	40.0	40.0	100.0	160.0	60.0	60.0	40.0	730	\$ 134,267.34
	HVAC, Plumbing, & Fire Protection Engineering	40.0			60.0		40.0	90.0		8.0	238	\$ 39,864.14
	Electrical Engineering	296.0	348.0				620.0	600.0		16.0	1,880	\$ 330,481.05
	I&C Engineering	32.0	64.0		64.0	176.0				16.0	352	\$ 65,326.73
	Update PDR and TMs											
	Civil Engineering	4.0					8.0				12	\$ 2,178.44
	Structural Engineering	2.0									2	\$ 531.33
	Process Mechanical Engineering	8.0			24.0	40.0	60.0				132	\$ 21,253.10
	HVAC, Plumbing, & Fire Protection Engineering	2.0									2	\$ 531.33
	Electrical Engineering	4.0	8.0				8.0				20	\$ 4,117.79
	I&C Engineering	8.0	16.0		8.0			8.0			40	\$ 8,524.38
	Develop and submit final probable opinion of probable cost											
	Civil Engineering	8.0					16.0				24	\$ 4,356.89
	Structural Engineering	5.0			5.0						10	\$ 2,241.54
	Process Mechanical Engineering	8.0	16.0	24.0	40.0						88	\$ 20,801.48
	HVAC, Plumbing, & Fire Protection Engineering	5.0			5.0						10	\$ 2,241.54
	Electrical Engineering	8.0			8.0						16	\$ 3,586.46
	I&C Engineering	4.0	4.0		4.0						12	\$ 2,762.90
	Develop final cost variance table											
	Process Mechanical Engineering	8.0				24.0	40.0				72	\$ 11,529.81
	Develop and submit final bid form											
	Process Mechanical Engineering	16.0									16	\$ 4,250.62
	Perform final SUE investigation and survey											
	Process Mechanical Engineering QA/Qc	8.0									8	\$ 2,125.31
	Final design calculations											
	Civil Engineering	8.0					16.0				24	\$ 4,356.89
	Structural Engineering	16.0			40.0		40.0				96	\$ 17,135.32
	Process Mechanical Engineering	16.0	40.0		80.0						136	\$ 28,558.86
	HVAC, Plumbing, & Fire Protection Engineering	16.0			40.0		20.0				76	\$ 14,345.85
	Electrical Engineering	40.0			40.0						80	\$ 17,932.31
	I&C Engineering	4.0	8.0		16.0	16.0					44	\$ 8,474.68
	Finalize hydraulic profile											
	Process Mechanical Engineering		80.0								80	\$ 19,393.46
	Prepare Issued for Construction (IFC) Contract Documents											
	Civil Engineering	24.0					24.0			8.0	56	\$ 10,507.00
	Structural Engineering	40.0			5.0			2.0		12.0	59	\$ 12,980.14
	Process Mechanical Engineering	120.0	40.0		80.0	60.0		90.0		40.0	430	\$ 81,586.64
	HVAC, Plumbing, & Fire Protection Engineering	24.0			5.0			2.0		8.0	39	\$ 8,337.67
	Electrical Engineering	80.0	8.0				8.0			16.0	120	\$ 26,934.88
	I&C Engineering	80.0	8.0		16.0	32.0				16.0	152	\$ 32,782.91
7	TASK 7 LABOR FEE	\$ 294,621.15	\$ 193,934.57	\$ 19,977.92	\$ 122,371.39	\$ 71,410.43	\$ 167,368.19	\$ 137,434.74	\$ 6,973.67	\$ 20,768.27		\$ 1,034,860.34
	TASK 7 HOURS	1,109	800	64	670	448	1,200	1,038	60	212	5,601	
	TASK 7 LUMP SUM											\$ 1,034,860.34

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TASK		\$ 265.66	\$ 242.42	\$ 312.15	\$ 182.64	\$ 159.40	\$ 139.47	\$ 132.40	\$ 116.23	\$ 97.96		
8	PERMITTING (Hourly Basis)											
	Submit permit determination request using the PDR. Conduct permit determination with the following agencies and Apply for Permit:											
	Prepare Permit Application Packages	40.0	80.0		120.0	120.0	640.0			80.0	1,080	\$ 168,165.19
	Stormwater - FDEP ERP	36.0					120.0				156	\$ 26,300.72
	Stormwater - FDEP NPDES IGP	12.0					20.0				32	\$ 5,977.44
	Stormwater - SJC	24.0					40.0				64	\$ 11,954.87
	Respond for Additional Information (RAI): Consultant is responsible for securing permits and responding to the agencies' RAIs.	24.0	40.0		80.0		220.0			40.0	404	\$ 65,286.88
	Final Permit Coordination for Design Changes	40.0	24.0		80.0						144	\$ 31,056.10
8	TASK 8 LABOR FEE	\$ 46,756.83	\$ 34,908.22	\$ -	\$ 51,140.28	\$ 19,127.79	\$ 145,052.43	\$ -	\$ -	\$ 11,755.62		\$ 308,741.19
	TASK 8 HOURS	176	144	0	280	120	1,040	0	0	120	1,736	
	TASK 8 (Hourly Basis)											\$ 308,741.19

Scope Definition		PM/EOR (Equivalent for Discipline Leads)	Senior Professional Engineer	QA/QC Manager	Professional Engineer	Junior Professional Engineer	Engineering Intern II	SR CADD Designer	CADD Tech	Clerical / Administrative / Project Controller	HOURS/ TASK	TOTAL FEE/ TASK
TASK		\$ 265.66	\$ 242.42	\$ 312.15	\$ 182.64	\$ 159.40	\$ 139.47	\$ 132.40	\$ 116.23	\$ 97.96		
9	CMAR SERVICES (Hourly Basis)											
	EOR to prepare the EWP and FWP for the solicitation of the CMAR.	240.0	160.0	80.0	240.0		240.0	80.0		40.0	1,080	\$ 219,337.60
	Answer questions from the CMAR bidders during the solicitation period.	80.0	40.0		40.0		120.0				280	\$ 54,992.41
	After the CMAR is selected, the EOR will provide a confirmed EWP and FWP.	80.0	24.0								104	\$ 27,071.14
	The EOR will assist JEA to review the CMAR proposal of the EWP and FWP GMP.	40.0	60.0								100	\$ 25,171.65
	The EOR will start construction services for EWP GMP. The EOR will work with JEA to amend the contract to address post design and engineering resident services.	160.0	80.0	24.0						40.0	304	\$ 73,309.93
	The EOR will record the changes from the FWP at 60% submittal to FWP at 100% submittal where CMAR will submit the 100% FWP GMP.	80.0	160.0					240.0	480.0		960	\$ 147,606.24
	The EOR will engage the CMAR in reviewing the progress from the 60% to 100% design	40.0	120.0				40.0			24.0	224	\$ 47,646.80
	Revise design in accordance with the coordination meetings and calls (included in design)										0	\$ -
	FWP GMP Proposal Review workshop (included in Task 1.2)										0	\$ -
	Attend the following CMAR Collaboration workshops (included in Task 1.2): 60% Design Review Constructability Review 90% Design Review 100% Design Review										0	\$ -
9	TASK 9 LABOR FEE	\$ 191,277.94	\$ 156,117.33	\$ 32,464.12	\$ 51,140.28	\$ -	\$ 55,789.40	\$ 42,369.09	\$ 55,789.40	\$ 10,188.21		\$ 595,135.76
	TASK 9 HOURS	720	644	104	280	0	400	320	480	104	3,052	
	TASK 9 (Hourly Basis)											\$ 595,135.76



Formal Bid and Award System

Award #3 October 20, 2022

Type of Award Request: REQUEST FOR PROPOSAL (RFP)
Requestor Name: Ralph, Mark A.
Requestor Phone: (904) 855-9361
Project Title: Engineering Services for the Arlington East WRF Blvd to University Boulevard Biosolids Forcemain
Index Number: 135-12B
Project Location: JEA
Funds: Capital
Budget Estimate: \$260,000.00 (Route analysis only)

Scope of Work:

The scope of work includes the design, permitting, and services during construction of an approximately 27,000 linear feet, of a new 8-inch biosolid force main from the Arlington East Water Reclamation Facility (WRF) to an easement located on University Boulevard (near Jacksonville University).

The existing force main transfers biosolids from the Arlington East WRF to the Buckman WRF and it is at or nearing the end of its useful life. This project is to design and construct a new biosolid force main. Once in operation, this new pipeline will allow the existing force main to be taken out of service to be inspected and make any necessary repairs and upgrades in order to provide a secondary line. This will provide redundancy and increase the resiliency of the Arlington East WRF biosolids disposal system.

JEA IFB/RFP/State/City/GSA#: 1410667446
Purchasing Agent: Kruck, Dan
Is this a Ratification?: NO

RECOMMENDED AWARDEE(S):

Name	Contact Name	Email	Address	Phone	Amount
WRIGHT-PIERCE, INC.	Steven Hallowell	steve.hallowell@wright-pierce.com	4720 Salisbury Rd, Suite 219, Jacksonville, FL 32256	(888) 621-8156	\$250,440.61

Amount for entire term of Contract/PO: \$250,440.61
Award Amount for remainder of this FY: \$250,440.61
Length of Contract/PO Term: Project Completion
Begin Date: 11/01/2022
End Date: Project Completion (Expected: June 2026)
JSEB Evaluation Criteria: Five Percent (5%)

Comments on JSEB Requirements:

Peters and Yaffee, Inc. (Maintenance of Traffic) 8.1%
 CSI Geo, Inc. (Geotechnical) 4%
 Alpha Envirotech Consulting, Inc. (Environmental) 6.4%

PROPOSERS:

Name	Amount	Rank
WRIGHT-PIERCE, INC.	\$250,440.61	1
CHEN MOORE AND ASSOCIATES	N/A	2

Background/Recommendations:

Advertised on 04/13/2022. Six (6) prime companies attended the mandatory pre-proposal meeting held on 04/20/2022. At proposal opening on 05/17/2022, JEA received two (2) proposals. Companies that did not submit stated staffing and project timing were the reasons for not submitting a proposal. The public evaluation meeting was held on 07/13/2022 and JEA deemed Wright-Pierce, Inc. most qualified to perform the work. A copy of the evaluation matrix and negotiated scope and fees are attached for reference.

The proposal includes services for an initial tabletop routing analysis and development of a Technical Memorandum for the evaluation of two potential routes for the pipeline. A route analysis needs to be completed before an accurate scope and fee for the full design of the pipeline can be given. Once the final route is determined and selected by JEA, a contract increase will be brought before the Awards Committee for the design of the pipeline.

The hourly rates used to develop the fee were compared to current contracts and deemed reasonable.

1410667446 – Request approval to award a contract to Wright-Pierce, Inc. for engineering services for the Arlington East WRF Blvd to University Boulevard Biosolids Forcemain project in the amount of \$250,440.61, subject to the availability of lawfully appropriated funds.

Manager: DiMeo, Elizabeth A - Senior Manager, Project Management

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

VP: Melendez, Pedro A - VP Planning Engineering & Construction

APPROVALS:

Hai X. Vu 10/20/2022

Vice Chairman, Awards Committee **Date**

Stephanie M Realy 10/20/2022

Budget Representative **Date**

**JEA Engineering Services for the Arlington East WRF 8-inch Sludge Force Main
Comprehensive Resource Plan and Schedule**

Task Description		\$258.17	\$235.75	\$246.33	\$236.25	\$232.00	\$210.89	\$249.03	\$184.46	\$107.30	\$143.45	\$112.23	\$130.57	\$132.30	\$84.99							
		Principal in Charge	Senior Project Manager	Client Services Manager	QA/QC Manager	Lead Project Engineer	Senior Project Engineer	Senior Civil Engineer	Civil Engineer	Project Engineer I	Senior Technician	CAD Operator	GIS Analyst	Senior Field Services Technician	Admin. Assistant							
Task 1 - Project Management																						
Sub Task	Task Description	Task 1 Hours														Total Hours	Labor Cost	Expense Cost	Total Cost	Subtotal (Rounded)		
1	Project Management, Administration and Initiation	30	350	40	30	300	24	24	40							120	958	\$ 205,413.58	\$ 500.00	\$ 205,913.58		
	Kick-off Meeting with JEA, subconsultants, and internal project meetings	2	10	6		10	6	6	6	10	2	6	4			10	78	\$ 13,943.56	\$ 250.00	\$ 14,193.56		
	Monthly Progress meetings (14 progress meetings and submittal review meetings, 18 total)	-	40	36		40	30	24	40	40		30	2			40	322	\$ 58,579.34	\$ 250.00	\$ 58,829.34		
																	-	\$ -	\$ -	\$ -		
																	-	\$ -	\$ -	\$ -		
																	-	\$ -	\$ -	\$ -		
																	-	\$ -	\$ -	\$ -		
	Task 1 Subtotals	32	400	82	30	350	60	54	86	50	2	36	6	-		170	1,358	\$ 277,936.48	\$ 1,000.00	\$ 278,936.48	\$ 278,937.00	
Task 2 - Support Services																						
Sub Task	Task Description	Task 2 Hours														Total Hours	Labor Cost	Expense Cost	Total Cost	Subtotal (Rounded)	Subconsultant Fees	Task Total
2.1	Site Visits		12			12	24		24							72	72	\$ 13,249.56	\$ 1,500.00	\$ 14,749.56		\$ 14,749.56
2.2	Survey and SUE	1	8	2		16	24	2	24	24	4	8				121	121	\$ 21,062.05	\$ 500.00	\$ 21,562.05	\$ 551,200.00	\$ 572,762.05
2.3	Environmental Services	1	16	12		40	40	40	8	12		16				149	149	\$ 29,600.65	\$ 500.00	\$ 30,100.65	\$ 39,238.75	\$ 69,339.40
2.4	Geotechnical Investigations	1	20	12		40	40	2	8	8		40				175	175	\$ 33,306.03	\$ 500.00	\$ 33,806.03	\$ 123,390.00	\$ 157,196.03
2.5	MOT Services	1	30	24		40	60	4	4	12		4				183	183	\$ 38,986.43	\$ 500.00	\$ 39,486.43	\$ 147,001.19	\$ 186,487.62
																	-	\$ -	\$ -	\$ -	\$ -	
																	-	\$ -	\$ -	\$ -	\$ -	
																	-	\$ -	\$ -	\$ -	\$ -	
																	-	\$ -	\$ -	\$ -	\$ -	
	Task 2 Subtotals	4	86	50	-	148	188	8	44	80	4	68	-	-		20	700	\$ 136,204.72	\$ 3,500.00	\$ 139,704.72	\$ 860,830.00	\$ 1,000,535.00
Task 3 - Design Services																						
Sub Task	Task Description	Task 3 Hours														Total Hours	Labor Cost	Expense Cost	Total Cost	Subtotal (Rounded)		
3.1	PER	1	24	4	4	60	50	2	8	80		4	4		24	265	265	\$ 45,879.69	\$ 500.00	\$ 46,379.69		
3.2	30% Design	1	40	14	16	70	70	2	122	126	24	350	40		10	885	885	\$ 133,237.07	\$ 625.00	\$ 133,862.07		
3.3	60% Design	2	70	30	60	130	230	24	122	226	40	500	16		82	1,532	1,532	\$ 240,890.38	\$ 1,575.00	\$ 242,465.38		
3.4	90% Design	2	50	12	60	190	190	16	142	246	24	800	12		82	1,826	1,826	\$ 271,920.32	\$ 875.00	\$ 272,795.32		
3.5	Final Design	2	18	12	44	90	90	8	42	66	8	300	8		62	750	750	\$ 115,922.80	\$ 875.00	\$ 116,797.80		
																	-	\$ -	\$ -	\$ -		
	Task 3 Subtotals	8	202	72	184	540	630	52	436	744	96	1,954	80	-	260	5,258	5,258	\$ 807,850.26	\$ 4,450.00	\$ 812,300.26	\$ 812,301.00	
Task 4 - Permitting																						
Sub Task	Task Description	Task 4 Hours														Total Hours	Labor Cost	Expense Cost	Total Cost	Subtotal (Rounded)	Subconsultant Fees	Task Total (Rounded)
4.1	Preapplication meetings		8	8		24			8	24		8			60	140	140	\$ 19,472.76	\$ 2,500.00	\$ 21,972.76		\$ 21,972.76
4.2	City of Jacksonville	1	12	12	2	30	16		2	12		24			24	135	135	\$ 23,239.67	\$ 2,500.00	\$ 25,739.67	\$ 5,091.81	\$ 30,831.48
4.3	FDOT	1	6	4	1	24	24		2	16		8			12	98	98	\$ 17,527.04	\$ 250.00	\$ 17,777.04		\$ 17,777.04
4.4	JEA	1	2	4	1	12	12		2	4		4			12	54	54	\$ 9,532.84	\$ 250.00	\$ 9,782.84		\$ 9,782.84
4.5	USACE	1	16	16	4	40	40		2	30		8			12	169	169	\$ 32,137.69	\$ 250.00	\$ 32,387.69	\$ 5,839.95	\$ 38,227.64
4.6	ERP	1	8	4	4	30	24		2	12		6			12	103	103	\$ 19,445.63	\$ 250.00	\$ 19,695.63	\$ 9,439.95	\$ 29,135.58
																	-	\$ -	\$ -	\$ -	\$ -	
	Task 4 Subtotals	5	52	48	12	160	116	-	18	98	-	58	-	-	132	699	699	\$ 121,355.63	\$ 6,000.00	\$ 127,355.63	\$ 20,371.71	\$ 147,728.00
Task 5 - Bidding																						
Sub Task	Task Description	Task 5 Hours														Total Hours	Labor Cost	Expense Cost	Total Cost	Subtotal (Rounded)		
	Bidding Assistance	1	4	4		24	40	4	8	24					16	125	125	\$ 22,596.93	\$ 500.00	\$ 23,096.93		
	Conformed Drawings	1	2	2		16	24	4	4	40		16			30	139	139	\$ 20,367.03	\$ 500.00	\$ 20,867.03		
																	-	\$ -	\$ -	\$ -		
																	-	\$ -	\$ -	\$ -		
																	-	\$ -	\$ -	\$ -		
	Task 5 Subtotals	2	6	6	-	40	64	8	12	64	-	16	-	-	46	264	264	\$ 42,963.96	\$ 1,000.00	\$ 43,963.96	\$ 43,964.00	

**JEA Engineering Services for the Arlington East WRF 8-inch Sludge Force Main
Comprehensive Resource Plan and Schedule**

Time & Materials Tasks

Task 6 - Limited Construction Services (18 months)																						
Sub Task	Task Description	Task 6 Hours												Total Hours	Labor Cost	Expense Cost	Total Cost	Subtotal (Rounded)	Subconsultant Fees	Task Total		
6.1	Pre-Construction Meeting			10	3			10							2	25	\$ 5,586.47	\$ 375.00	\$ 5,961.47		\$ 5,961.47	
6.2	Construction Submittals	2		20	4			50	40			24	12		10	162	\$ 32,816.80	\$ 625.00	\$ 33,441.80	\$ 10,101.00	\$ 43,542.80	
6.3	Progress Meetings (virtual)			28	10			30	8			8	30		10	124	\$ 23,256.00	\$ 625.00	\$ 23,881.00		\$ 23,881.00	
6.4	Site Visits			10	10			18	8						8	54	\$ 11,363.84	\$ 625.00	\$ 11,988.84		\$ 11,988.84	
																	\$ -	\$ -	\$ -		\$ -	
	Task 6 Subtotals	2		68	27			108	56			32	42		30	365	\$ 73,023.11	\$ 2,250.00	\$ 75,273.11	\$ 75,274.00	\$ 10,101.00	\$ 85,375.00

Task 7 - Contingency																						
Sub Task	Task Description	Task 7 Hours												Total Hours	Labor Cost	Expense Cost	Total Cost	Subtotal				
	Public Outreach Contingency																\$ -	\$ 69,200.00	\$ 69,200.00			
																	\$ -	\$ -	\$ -			
																	\$ -	\$ -	\$ -			
																	\$ -	\$ -	\$ -			
																	\$ -	\$ -	\$ -			
	Task 8 Subtotals	-		-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ 69,200.00	\$ 69,200.00	\$ 69,200.00		

Subconsultant Task/Name														Total Hours	Labor Cost	Expense Cost	Total Cost	Subtotal (Rounded)	JSEB %		
Survey and SUE	Smith Surveying														-	-	\$ 551,200.00	\$ 551,200.00		22.6%	
Environmental Services	Alpha Envirotech Consulting, Inc.														-	-	\$ 54,518.65	\$ 54,518.65		2.2%	
Geotechnical Investigations	CSI Geo, Inc														-	-	\$ 123,390.00	\$ 123,390.00		5.1%	
MOT Services	Peters and Yaffee														-	-	\$ 162,194.00	\$ 162,194.00		6.7%	
Public Outreach	Quest Corporation of														-	-	\$ -	\$ -		36.6%	
	Subconsultant Subtotal														-	-	\$ -	\$ -	\$ 891,303.00		

PROJECT TOTAL																		\$ 87,400.00	\$ 2,438,040.00		
Total Hours	53	814	285	226	1,346	1,114	122	628	1,078	102	2,132	86	-	658	8,644						
Total Billable Hour Cost (Excluding Expenses/Subconsultants)	\$ 13,683	\$ 191,901	\$ 70,204	\$ 53,393	\$ 312,272	\$ 234,931	\$ 30,382	\$ 115,841	\$ 115,669	\$ 14,632	\$ 239,274	\$ 11,229	\$ -	\$ 55,923							

Fiscal Year 2023 (NOV-SEPT)										Fiscal Year 2024 (OCT)	
Total Hours = 7,986										Total Hours = 658	
Total Cost =										Total Cost =	
% of Overall Project Cost = 0.00%										% of Overall I 0.00%	