

Welcome to the

Awards Meeting

October 09, 2025, 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 **Camie Evers** by telephone at **(904) 832-3385** or by email at **everca@jea.com** if you experience any technical difficulties during the meeting.

<p align="center">JEA Awards Agenda October 09, 2025 225 North Pearl St., Jacksonville, FL 32202 - Hydrangea Room 1st Floor Teams Meeting Info Consent Agenda</p>												
<p>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.</p>												
Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee(s)	Funding Source	Business Unit Estimate	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term (Projected) Start Date - End Date	JSEB Participation (Y/N) If Y, then list company name(s) (% \$ - awarded)
1	Minutes	Minutes from 10/02/2025 Meeting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Contract Increase and Renewal	1410399647 Construction Services for Underground Water, Wastewater, and Reuse Grid Repair and Installation Services	Zammataro	Callaway Contracting, Inc. J. B. Coxwell Contracting, Inc. Petticoat-Schmitt Civil Contractors, Inc. TB Landmark Construction, Inc.	Capital	\$9,600,000.00	Callaway Contracting, Inc. \$3,600,000.00 J. B. Coxwell Contracting, Inc. \$3,000,000.00 Petticoat-Schmitt Civil Contractors, Inc. \$1,800,000.00 TB Landmark Construction, Inc. \$1,200,000.00	Callaway Contracting, Inc. \$2,500,000.00 J. B. Coxwell Contracting, Inc. \$2,000,000.00 Petticoat-Schmitt Civil Contractors, Inc. \$1,000,000.00 TB Landmark Construction, Inc. \$2,000,000.00	Callaway Contracting, Inc. \$19,100,000.00 J. B. Coxwell Contracting, Inc. \$16,900,000.00 Petticoat-Schmitt Civil Contractors, Inc. \$9,258,000.00 TB Landmark Construction, Inc. \$7,400,000.00	Callaway Contracting, Inc. 09/14/2022 - \$250,000.00 09/22/2022 - \$6,300,000.00 04/13/2023 - \$905,000.00 05/18/2023 - \$2,045,000.00 02/08/2024 - \$2,500,000.00 05/19/2025 - \$1,000,000.00 J. B. Coxwell Contracting, Inc. 04/13/2023 - \$200,000.00 05/18/2023 - \$2,000,000.00 07/13/2023 - \$2,200,000.00 12/14/2023 - \$640,000.00 02/08/2024 - \$2,000,000.00 08/19/2024 - \$860,000.00 01/23/2025 - \$2,000,000.00 Petticoat-Schmitt Civil Contractors, Inc. 07/11/2022 - \$100,000.00 09/22/2022 - \$1,000,000.00 04/13/2023 - \$210,000.00 05/18/2023 - \$890,000.00 02/08/2024 - \$1,600,000.00 08/19/2024 - \$480,000.00 01/23/2025 - \$1,500,000.00 05/19/2025 - \$678,000.00 TB Landmark Construction, Inc. 04/13/2023 - \$200,000.00 05/18/2023 - \$2,000,000.00 02/08/2024 - \$2,000,000.00	Three (3) Years w/Two (2) 1-Yr. Renewals Start: 11/23/2021 End: 12/14/2026 No renewals remaining	Y Each task order under this contract will be reviewed and assigned a JSEB requirement before being issued to the contractor.
3	Request for Proposal (RFP)	1411978046 Design Services for Wildlight RW Storage and Repump Project	Zammataro	Mott MacDonald	Capital	\$1,800,000.00	\$1,776,965.00	N/A	\$1,776,965.00	N/A	Project Completion Start Date: 11/03/2025 End Date: 09/11/2029	Y Smith Surveying Group (Survey) - \$34,100.00 Meskel & Associates Engineering (Geotech) - \$87,800.00 Alpha Envirotech Consulting (Environmental) - \$864,628.00
4	Request for Proposal (RFP)	1411928848 General Engineering Services for Pipeline Projects and Studies	Zammataro	Four Waters Engineering Inc Jacobs Engineering Group Inc Almond Engineering PA England, Thins, & Miller, Inc. Tetra Tech Inc Jones Edmunds & Associates, Inc. CDM Smith Inc GAI Consultants, Inc. CPH Consulting, LLC Construction and Engineering Services Consultants, Inc. (CAES) McKim & Creed, Inc.	Capital	\$27,500,000.00	\$2,500,000.00 (Each Awardee)	N/A	\$2,500,000.00 (Each Awardee)	N/A	Three (3) Years w/Two (2) 1-Yr. Renewals Start: 11/01/2025 End: 10/31/2028	Y Four Waters Engineering Inc (Engineering) - \$2,500,000.00 Almond Engineering PA (Engineering) - \$2,500,000.00 Construction And Engineering Services Consultants, Inc. (C&ES) - (Engineering) - \$2,500,000.00

Consent Agenda Action												
Committee Members in Attendance	Names _____											
Motion by:												
Second By:												
Committee Decision												
Informational Items												
Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Award Amount	Business Unit Estimate	Original Award Amount	New Not-to-Exceed	Amendments	Term	JSEB Participation (Y/N) If Y, then list company name(s) (% \$ - awarded)	
1	Contract Increase	114-17 Vegetation Management	Erixon	Trees, LLC	\$1,513,600.00	\$1,513,600.00	\$31,222,514.94	\$50,545,239.94	01/05/2023 - \$6,425,000.00 12/07/2023 - \$7,404,125.00 04/17/2025 - \$3,980,000.00	Five (5) Years w/One (1) - 1 Yr. Renewal Start: 01/31/2018 End: 01/31/2026 No renewals remaining	Y	
	<p>This informational item has been added to provide visibility into the actions related to this Contract due to it had previously been awarded through the awards committee; the latest amendment was in excess of \$50,000,000.00 and was approved by the JEA Board on September 23, 2025.</p> <p>Trees, Inc. was awarded a contract for vegetation management services for on January 11, 2018. The work to be performed by the company includes labor, supervision, materials, tools, equipment, and reporting requirements as necessary for performing the work. This includes mowing, herbicide application, and tree removal and pruning as needed. At the conclusion of the original term, JEA exercised the renewal in 2023 along with an increase in funds to cover the renewal one year term.</p> <p>Since this time, significant pressures on the market derived from wildfires, storm restorations, lack of workforce, amongst others, has made it favorable for JEA to excise an extension bringing the term of the original agreement until January 31, 2026 and increasing funds as approved by the JEA Awards Committee and later by the JEA Board. A new solicitation has been posted and is expected to conclude later this year.</p> <p>The pricing structure of the contract is as follows: Price per mile: Fixed for the first two years with adjustments based on the Consumer Price Index (CPI) in years three through five. Labor rates: Fixed for the first year with CPI adjustments in years two through five. Equipment rates: Fixed for the first year with adjustments based on a fuel index in years two through five. This adjustment applies to 15% of the unit price for each piece of equipment that uses fuel.</p> <p>Current Project Encumbrance Update: \$49,031,639.94 of \$50,545,239.94 to Trees, LLC. has been encumbered to date.</p>											
Consent and Regular Agenda Signatures												
Budget	Name/Title _____											
Awards Chairman	Name/Title _____											
Procurement	Name/Title _____											
Legal	Name/Title _____											

Award #1 Supporting Documents 10/09/2025

JEA Awards Agenda
October 2, 2025
225 North Pearl St., Jacksonville, FL 32202 - Board 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	Business Unit Estimate	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term (Projected) Start Date - End Date	JSEB Participation (Y/N) If Y, then list company name(s) (% , \$ - awarded)
1	Minutes	Minutes from 09/25/2025 Meeting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Contract Amendment	1411219446 ITN JEA Fleet Services Aerial Equipment Maintenance	Phillips	Altec Industries Inc Ring Power Corporation	O&M	\$0.00	\$0.00	\$3,890,286.91 \$1,667,265.82	\$5,090,286.91 \$467,265.82	N/A	Three (3) Years w/Two (2) 1-Yr. Renewals Start Date: 09/01/2023 End Date: 07/30/2026 Two (2) Renewals Remaining	N
		Originally Awarded: 08/17/2023 For additional information contact: Halley Stewart Originally, the contracts for JEA Fleet Services Aerial Equipment Maintenance were awarded to Altec Industries Inc, as the primary supplier, in the amount of \$3,890,286.91 and Ring Power Corporation, as the secondary supplier, in the amount of \$1,667,265.82 for the initial three year term ending 07/30/2026. This contract amendment request is for the transfer of funds for the aerial equipment maintenance contracts from Ring Power Corporation to Altec Industries Inc in the amount of \$1,200,000.00. This transfer will result in a revised Not-To-Exceed (NTE) amount for Altec (BPA 215281/JEA11592) of \$5,090,286.91, and a new NTE for Ring Power (BPA 215464/JEA11593) of \$467,265.82. Currently, the average monthly spend with Altec is \$135,691.87, with a projected total of \$1,641,871.60 through the end of the contract term. For Ring Power, the average monthly spend is \$6,552.66, with a projected total of \$72,079.27. JEA Fleet Services has utilized Altec more extensively than Ring Power due to a higher proportion of Altec units in the fleet, superior customer service, and highly skilled technicians capable of servicing a broad range of aerial assets. Additionally, Altec offers faster response times for road calls and shorter turnaround times for repairs. There have been no previous amendments to these contracts, and no additional funds are required to be added to the O&M budget. The contracts will be amended to reflect the updated NTEs, while the overall contract total remains unchanged.										
3	Contract Increase	1410621046 Galvanized Pipe Program Construction Services	Zammataro	T G Utility Company Inc	Capital	\$9,000,000.00	\$9,000,000.00	\$7,000,000.00	\$16,000,000.00	N/A	Term Agreement w/ Renewals Start: 08/01/2022 End: 07/31/2027	Future Task Orders will be reviewed for JSEB requirements prior to being issued to vendors.
		Originally Awarded: 07/11/2024 For more information contact: David King This contract increase request is being submitted to the Awards Committee for approval because additional work has been identified and funding is needed to complete the projects. The contract covers replacement of existing water mains that have reached the end of their useful life and are being proactively replaced to ensure reliable service for JEA customers. Additional funding is required for two specific projects, the Leonard Circle water main replacement and the Verona Street water main replacement. In addition, JEA staff is requesting supplemental funding for TG Utility's contract to cover potential unplanned work prior to the end of the contract term. Unit rates remain unchanged.										

Consent Agenda Action

Committee Members in Attendance

Names

Julia Crawford, Jody Brooks, Garry Baker

Motion by: Jody Brooks

Second By: Garry Baker

Committee Decision: Approved

Consent and Regular Agenda Signatures

Budget

Name/Title

Stephanie M Healy

Awards Chairman

Name/Title

Julia Crawford

Procurement

Name/Title

Jody Brooks

Legal

Name/Title

Rebecca Lavis

1

Award #2 Supporting Documents 10/09/2025**Planned Projects FY25-26**

	Status	Contractor
Kusaie Manhole Replacement	Construction	JB Coxwell
Hernando & Marianna WM Relocation	Shovel Ready	JB Coxwell
Hernando & Marianna SM Improvements	Shovel Ready	JB Coxwell
Trout River Terrace SM Installation	Permitting	Callaway
Sandburg Rd PS Influent Replacement	Design - 4W	Task Order Bid
5th & McDuff Railroad Crossing WM Replacement	Planning	TB Landmark
118th St FM Abandonment Phase 3	Planning	Task Order Bid
Suni Pines Blvd Phase 2	Scoping	Task Order Bid
Fitzgerald & Sunshine SM Improvements	Scoping	Task Order Bid
W Beaver & Superior SM Improvements	Scoping	Task Order Bid
Boat House Apartments at Centry 21 Drive SM	Scoping	Task Order Bid
Knottingby Dr & Tyne Ct SM Improvements	Scoping	Task Order Bid
Huntington Forest Blvd SM Improvements	Scoping	Task Order Bid
Silver St & 17th St SM Improvements	Scoping	Task Order Bid
Buckman St at 18th Street SM Improvements	Scoping	Task Order Bid
11691 Sedgemoreeee Dr SM Improvements	Scoping	Task Order Bid
5501 University Club SM Improvements	Scoping	Task Order Bid
5604 Boeing Drive SM Improvements	Scoping	Task Order Bid
King St & Forbes St SM Improvements	Scoping	Task Order Bid
Hogan St & Duval St SM Improvements	Scoping	Task Order Bid
8880 Old Kings Rd SM Improvements	Scoping	Task Order Bid
2124 W 1st St SM Improvements	Scoping	Task Order Bid
1734 W 5th St at Powhattan SM Improvements	Scoping	Task Order Bid
7220 Hielo Drive SM Improvements	Scoping	Task Order Bid
Geneve St & Drew St SM Improvements	Scoping	Task Order Bid
4015 Pearce St SM Improvements	Scoping	Task Order Bid
Lorain St 8in Force Main Replacement	Design - TBD	Task Order Bid
Herschel St. 12in Force Main Replacement	Design - TBD	Task Order Bid
Grand Total		

Project Description	Estimated Budget
Replace MH and associated tie-ins.	\$176,520.00
Relay 600LF 8" WM and associated tie-ins.	\$151,150.00
Relay 980LF 8" GM, 3 MHs, and associated tie-ins.	\$250,120.00
Installation of 350LF 8" GM, 3 MHs, and associated tie-ins.	\$350,000.00
Replace 200LF 8" influent trunk, and associated tie-ins.	\$414,000.00
Replace 500LF 6" WM HDD/J&B, and associated tie-ins.	\$750,000.00
Abandon 5,000LF 14" OOS by grout fill.	\$500,000.00
Replace 400LF 8" influent trunk, and associated tie-ins.	\$500,000.00
Relay 600LF 8" GM, associated tie-ins, and service reversals.	\$570,000.00
Relay 300LF 8" GM, 2 MHs, and associated tie-ins.	\$275,500.00
Relay 200LF 10" GM, 2MHs, and associated tie-ins.	\$195,000.00
Relay 485LF 8" GM, 2MHs, and associated tie-ins.	\$460,750.00
Relay 200LF 8" GM and associated tie-ins.	\$163,400.00
Relay 600LF 6" GM, associated tie-ins, and service reversals.	\$620,000.00
Relay 250LF 8" GM, 2 MHs, and associated tie-ins.	\$178,500.00
Relay 200LF 12" GM, 1 MH, and associated tie-ins.	\$495,000.00
Relay 275LF 10" GM, 2 MHs, and associated tie-ins.	\$248,400.00
Relay 260LF 8" GM and associated tie-ins.	\$182,000.00
Relay 550LF 8" GM, 3 MHs, and associated tie-ins.	\$385,000.00
Relay 375LF 8" GM, 5 MHs, and associated tie-ins.	\$263,200.00
Relay 170LF 8" GM, 2 MHs, and associated tie-ins.	\$119,000.00
Relay 300LF 8" GM, 2 MHs, and associated tie-ins.	\$210,000.00
Relay 430LF 8" GM, 1 MH, and associated tie-ins.	\$301,000.00
Relay 300LF 6" GM, 1 MH, and associated tie-ins.	\$157,500.00
Relay 200LF 8" GM, 2 MHs, and associated tie-ins.	\$141,400.00
Relay 245LF 12" GM and associated tie-ins.	\$269,500.00
Replace force main 7000 Lorain St. lift station and W. 63rd St.	\$373,072.00
Replace force main over waterway on FDOT Bridge	\$1,045,418.00
	\$9,745,430.00

Specialty	Supervision QA/QC	Process Management	Process	Mechanical	Civil	Structural	Electrical	Electrical	HVAC	Architect	Mechanical	Various	Various	Various	Various				
Task Name	Client Service Manager	Principal	Sr. Project Manager	Project Engineer	Sr. Project Engineer	Sr. Project Engineer	Sr. Project Engineer	Sr. Project Engineer	Engineer IV	Sr. Project Engineer	Architect	Hydr Modeler	CAD Specialist 5	CAD Designer	Contract Admin	Misc. Client Services	Total Labor Hours	JSEBs	PEC Revised Fee Estimate
Billing Rate	\$192	\$295	\$245	\$150	\$195	\$195	\$195	\$195	\$140	\$200	\$150	\$195	\$155	\$120	\$65				
Task 0: Project Management																			
0.1: Develop Scope of Service, Project Plan, and schedule		2	4	4													10		\$2,170
0.2: Monthly updates - cash flow, invoice, progress update, JSEB report			56	56											56		168		\$25,760
0.3: Kickoff Meeting		4	16	16	2	2		1							6		47		\$8,865
0.4: Initial Site visit to determine site data acquisition			4	4					2								10		\$1,860
0.5: Site visit 2 to assist with scoping and modeling			4	4													8		\$1,580
0.6: Hydraulic review meeting with JEA		2	4	4	6												16		\$3,340
0.7: Technical Evaluation review meeting with JEA		2	4	4	4												14		\$2,950
0.8: Project Definition and TM review meeting with JEA		2	4	4	4												14		\$2,950
0.9: 10% SDD review meeting with JEA		2	4	4	4			2	0	2							18		\$3,740
0.10: 30% PDR report/plan review meeting with JEA		2	4	4	4			2	4	2							22		\$4,300
0.11: 60% Design review meeting with JEA		2	4	4	4			2	4		0						20		\$3,900
0.12: 90% Design review meeting with JEA		2	4	4	4			2	4		2						22		\$4,200
Expenses - Travel																\$325.00			\$325
Task 0: TOTALS Project Management		20	112	112	32	2	0	9	14	4	2	0	0	0	62	\$0.00	369	0	\$65,940.00
Task 1: Data Collection and Assessment																			
1.1: Existing North Grid Reuse asbuilts review and hand off			4	4	4							2	2				16		\$3,060
1.2: Existing Hydraulic model hand off and coordination with Developer Engineer			2	2	2							2					8		\$1,570
1.3: Site visit to determine drainage both interim and final			2	2		6											10		\$1,960
1.4: Line out surveyor, stake site, produce working docs for survey/SUE			2	16		4							2	4			28		\$4,460
Task 1: TOTALS Data Collection and Assessment		0	10	24	6	10	0	0	0	0	0	4	4	4	0	\$0.00	62	0	\$11,050.00
Task 2: Hydraulic Modelling and Evaluation of System																			
2.1 Review Task 1.2 data, developer (PUD) demands, and JEA provided metrics			2	2	4							6					14		\$2,740
2.2 Hydraulic model setup using GIS Shapefiles and asbuilts				2								52					54		\$10,440
2.3 Develop System Demands for baseline model			4	12								14					30		\$5,510
2.4 Create baseline model and identify areas for Reuse												28					28		\$5,460
2.5 Create and run EPS model for ADF, MDF, and PHF												16					16		\$3,120
2.6 Create baseline pump and tank recommendation			12	8	24							6					50		\$9,990
2.7 Pump selection, tank sizing, main sizing, produce recommendation		2	4	36	36							24					102		\$18,670
2.7: Meeting with JEA, Developer, ETM for phasing requirements for reuse deployment		2	4	4	4							4					18	96	\$3,730
Task 2: TOTALS Hydraulic Modelling		4	26	64	68	0	0	0	0	0	0	150	0	0	0	\$0.00	312	96	\$59,660.00
Task 3: Mechanical, Electrical, Hyd Evaluation																			
3.1: Mechanical Layouts, Electrical Panel Layouts, Hydraulic Design		2	8	14	30			8	0			22		22	4		110		\$19,250
3.2: Site layout, review of constraints, piping		2	8	48		6			16					4			84		\$13,640
3.1: System modifications/alternatives		2	4	12	4	4			4			2		20			52		\$8,280
Expenses - Travel																\$350.00			\$350
Task 3: TOTALS Mechanical, Electrical, Hyd Evaluation		6	20	74	34	10	0	8	20	0	0	24	0	46	4	\$350.00	246	0	\$41,520.00
Task 4: Technical Memorandum and Project Definition																			
4.1: Narrative for Tasks 3.1, 3.2, 3.3			10	10													20		\$3,950
4.2: Initial OPCC			8	64	4	4			0						10		90		\$13,770
4.3: Tech Memo, Scope, Schedule, PM, delivery, Risk register		2	12	64	40	8	20	36	4	10		52	16	60			324		\$55,790
4.4 Coordination with JEA and provide final TM after Task 0.8 review			4	8	4				36								52		\$8,000
Task 4: TOTALS Technical Memorandum and Project Definition		2	34	146	48	12	20	36	40	10	0	52	16	60	10	\$0.00	486	0	\$81,510.00
Task 5: Schematic Design Document - 10% SDD																			
5.1: 10% Schematic Design Document Production (include cost estimate) per Scope Statement Attachment A		2	32	62	44	8	30	24		16	0	32	36	80			366	20	\$63,020
5.2: Revise and provide final SDD post meeting, Task 0.9			4	4	4	4	4	4	15		2		6	4			51		\$8,510
Task 5: TOTALS Technical Memorandum and Project Definition		2	36	66	48	12	34	28	15	16	2	32	42	84	0	\$0.00	417	20	\$71,530.00
Task 6: Preliminary Design Report - 30% PDR + Plans																			
6.1: Architectural definition		2	2	2										24	8		38	22	\$4,780
6.2: Conceptual Site Plan		4	24	32		12					24		14	32			142	22	\$23,810
6.3: Electrical and I/C definition			6	6				8			4		4	24			52	22	\$8,030
6.2 Conceptual Design Document (including cost estimate) based on updates to Task 5 SDD			32	96	64	10	36	24	48	16		6	90	190	16		628	14	\$97,250
6.3 Survey & SUE			8	12		8	0	4	96	0	30				8		166	260	\$24,560
6.4 Geotechnical Investigations			4	12	8	8	0	4		0					8		44	421	\$7,200
6.5 Update PDR after Task 0.10 Meeting		2	4	4	4	4	4	4		4			4	10			44		\$7,910
Expenses - Travel																\$640.00			\$640
Task 6: TOTALS 30% PDR		8	80	164	76	42	40	44	144	20	58	6	112	280	40	\$640.00	1114	761	\$174,180.00
Task 7: 60% Design Documents																			
7.1: Construction sequencing and MOPO		2	6	28	4									4	4		48	22	\$7,780

Award #3 Supporting Documents 10/09/2025

Specialty	Supervision QA/QC	Process Management	Process	Mechanical	Civil	Structural	Electrical	Electrical	HVAC	Architect	Mechanical	Various	Various	Various	Various				
Task Name	Client Service Manager	Principal	Sr. Project Manager	Project Engineer	Sr. Project Engineer	Sr. Project Engineer	Sr. Project Engineer	Sr. Project Engineer	Engineer IV	Sr. Project Engineer	Architect	Hydr Modeler	CAD Specialist 5	CAD Designer	Contract Admin	Misc. Client Services	Total Labor Hours	JSEBs	PEC Revised Fee Estimate
Billing Rate	\$192	\$295	\$245	\$150	\$195	\$195	\$195	\$195	\$140	\$200	\$150	\$195	\$155	\$120	\$65				
7.2: Review of DIV 0 specs, produce remaining tech specs		2	10	24	14	4	14	6		6	0			4	14		98	22	\$16,640
7.3: Electrical and I/C with P&IDs, schematics, and updated one line			6	6			6	16	24		14		8	36			110	22	\$16,510
7.4 60 Percent Design Document Production and Engineering		2	12	64	42	6	80	8	90	52	72		108	138	32		706	145	\$108,830
7.5 Update Cost Estimate and Construction timeline		2	4	4	4	4	4	4	94	6	4						130		\$20,250
7.6 Update 60% Design Document after Task 0.11 Meeting		2	4	4	4	4	4	4	4	4			12	24			70		\$11,390
Expenses - Travel																\$640.00			\$640
Task 7: TOTALS 60% Design		10	42	130	68	18	102	38	212	68	90	0	128	206	50	\$640.00	1162	211	\$182,040.00
Task 8: 90% Design Documents																			
8.1: Draft Bid Form and Measurement and Payment		2	4	32	2			4									44	22	\$7,540
8.2: Update DIV 0 specs, update tech specs based on JEA comments		2	8	24	14	4	14	6	2	6	4			6	28		118	22	\$18,180
8.3: Asset Management Table			20	12	4	4		4	39						44		127	22	\$17,360
8.4 90 Percent Design Document Production and Engineering		4	20	70	22	4	90	24		9	9		200	250	34		736	145	\$110,240
8.5 Update Cost Estimate and Construction timeline, CLASS 1		2	4	4	4	4	4	4	3	4	40			1			74		\$12,630
8.6 Update 90% Design Document after Task 0.12 Meeting		2	4	4	4	4	4	4	4	4			12	24			70		\$11,390
Expenses - Travel																\$675.00			\$675
Task 8: TOTALS 90% Design		12	60	146	50	20	112	46	48	23	53	0	212	281	106	\$675.00	1169	211	\$178,015.00
Task 9: Bid Set																			
9.1 100 Percent (Bid Set) Design Development		8	24	36	8	4	8	8	0	8			48	68	16		236	22	\$37,340
9.2 100 percent specs, cost estimate, coordination			12	52	4	4	4	4	36	4					42		162		\$22,430
Task 9: TOTALS Bid Set		8	36	88	12	8	12	12	36	12	0	0	48	68	58	\$0.00	398	22	\$59,770.00
Task 10: Permitting Assistance																			
10.1 SJRWMD Environmental Resource Permit (ERP)		4	24	20		8									8		64	45	\$12,140
10.2 Nassau County Development Review		4	16	24		4			0		0				8		56	12	\$10,000
10.3 Other Permits		4	24	52	8	4			16		16				8		132	12	\$22,360
10.4 FDEP Permit Modification		4	4	24		4									8		44		\$7,060
Task 10: TOTALS Permitting Assistance		16	68	120	8	20	0	0	16	0	16	0	0	0	32	\$0.00	296	69	\$51,560.00
Task 11: Bid Phase																			
11.1: Bid Phase		4	48	96	16	4		8							4		180		\$33,060
Task 11: TOTALS Bid Phase		4	48	96	16	4	0	8	0	0	0	0	0	0	4	\$0.00	180	0	\$33,060.00
Task 12: Construction Phase																			
12.1 Pre-Construction Meeting		2	12	12	0	0	0	12		0					12		50		\$8,450
12.2 Onsite Construction meetings and other meetings as requested by JEA		24	81	192	16	14	24	80		0					16		447		\$82,895
12.3 Shop Drawings & RFIs			64	196	110	14	40	80	128	0					16		648		\$111,620
12.4 Operations Manual		2	16	88	6			6	88						16		222		\$33,410
12.5 Plant Startup		4	48	64	36			64	16								232		\$44,280
12.6 Substantial Walk Through		2	12	12	12	12	12	4		24					2		92		\$18,060
12.7 Final Walk Through		2	8	8	8			4	24	0					1.5		55.5		\$9,548
12.8 Construction Record Drawings			4	4				4	12	0			50	90			164		\$22,590
12.9 Project Closeout		2	36	36				8		0							82		\$16,370
Expenses - Travel																\$2,488.00			\$2,488
Task 12: TOTALS Construction Phase		38	281	612	188	40	76	262	268	24	0	0	50	90	63.5	\$2,488.00	1992.5	0	\$349,710.50
Task 13: Undefined Scope/Task																			
Direct Expenses																			
MAE/Geotechnical																			\$ 87,800.00
Smith Surveying (Survey, SUE)																			\$ 47,292.00
AEC (Wetland Investigations)																			\$ 64,628.00
Landscaping/Architect																			\$ 18,199.50
ETM (Site Civil)																			\$ 199,500.00
Direct Expenses																			\$417,419.50
TOTAL FEE																	\$	1,776,965.00	
\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0.00																	\$1,776,965		



Mott MacDonald
4600 Touchton Road, Building 200
Suite 250
Jacksonville, Florida 32246
T 904.203.1090
www.mottmac.com/americas

September 12, 2025

Boyce Holmes, PE
Project Manager
JEA
225 North Pearl Street
Jacksonville, FL 32202

**RE: JEA Wildlight Reclaimed Water Main Ground Storage Tank (GST)
and Repump – Scope and Fee**

Dear Boyce,

Mott MacDonald is pleased to submit our proposal for the design, permitting, and general services during construction of the Wildlight Ground Storage Tank (GST) and Repump Station project. The scope associated with each task and subtask is described in the attached Scope of Work (Scope) (See Appendix A) which was forwarded on July 22, 2025. Along with the Scope, a map of the proposed route (See Appendix B), boundary of the site (See Appendix B), and tentative schedule (See Appendix C) were provided by JEA. Based on information provided by JEA, the project overview generally describes the project as follows:

Project Overview – Appendix A

One 2.0 Mgal (AST) Above ground storage tank is planned (a future 2.0 mgal (AST) footprint will need to be identified along with piping stubs for future connection). The tank is to be sized so that 2.0 mgal is the effective/usable volume of the tank. Pumps with an enclosure, fencing, a backup power generator, and an access road will also need to be constructed.

SCOPE OF SERVICES

Task 0 – Project Management

Prepare scope of service and work plan with timeline schedule. Provide monthly invoices and submit project progress updates. Attend the kickoff meeting, design progress meetings, and final review meeting including agenda and meeting minutes with action items (Refer to Appendix A for the required meetings).

Coordinate and collaborate with the JEA PEC PM to develop and update cash flow documents, JSEB reports, as well as assist with final scoping documents

Task 1 – Data Collection and Assessment

JEA will assist Mott MacDonald in collecting and gathering all the information listed within task 1 of the referenced scope as applicable. Mott MacDonald will collect and review readily available data and record drawings (where applicable) and conduct site visits as necessary to perform the work.

Task 2 – Hydraulic Modelling and Assessment

Mott MacDonald will review all available data, coordinate with JEA and perform the hydraulic evaluation utilizing any available system models provided by JEA AND any hydraulic modeling previously utilized by the developer. Our analysis will incorporate an evaluation that includes all of the sub-tasks outlined in the Scope including the necessary work to develop the phasing analysis for future development at Wildlight.

Task 3 – Mechanical, Electrical, and Hydraulic Evaluations

Mott MacDonald will utilize the data obtained coupled with it's hydraulic evaluation to describe current conditions and infrastructure, assess and define the needs, present the needs, and detail the required improvements to accommodate the newly identified flows and level of service. All sub-tasks outlined in the Scope contained herein shall be performed as applicable.

Task 4 – Draft Technical Memorandum (TM) and Project Definition (PD)

Mott MacDonald will develop a technical memorandum and project definition which shall include: narrative, summary of the design development, associated calculations, attachments, and back up data. The TM shall include the preparation of an AAEC Class 5 Opinion of Probable Construction Cost (OPCC) and a present worth economic analysis of evaluated options. Ultimately Mott MacDonald will provide a PD that includes the outlined sections included in the referenced Scope in Appendix A.

Task 5 – Schematic Design Document (SDD) 10% Submittal

Mott MacDonald will advance the design of the project to the 10% submittal stage including development of the Schematic Design Document as outlined in the attached Scope including the SDD draft followed by an SDD draft review meeting and issuance of the final SDD documents.

Task 6 – Preliminary Design Report (PDR) – 30% Submittal

Upon approval of the final Schematic Design Document (SDD), the Mott MacDonald team will advance the design to the 30% Submittal phase including the development of the Preliminary Design Report (PDR). The PDR will include all sub-tasks outlined in the Scope and shall encompass the PDR draft, draft review meeting with JEA, and the final PDR incorporating any JEA comments. During this phase of work, Mott MacDonald will deploy it's subconsultants to obtain all of the necessary site surveys including any mapping of environmentally sensitive areas. All sub-tasks outlined in the Scope will be performed as applicable.



Tasks 7, 8, and 9 – Design Documents (60, 90, and Bid Set)

Upon approval of the 30% PDR Submittal, Mott MacDonald and its team will proceed with the Final Design Development of the 60%, 90%, and Bid Set levels as outlined in the Scope inclusive of all sub-tasks as outlined in Appendix A. Upon delivery of each submittal and complete review with JEA with the addressing of all comments, the Mott team will proceed to the next task. As mentioned, all sub-tasks including the stage appropriate OPCC, meetings, meeting minutes, specifications, and Asset Management tables will be provided.

Task 10: Permitting Assistance

Mott MacDonald shall coordinate and submit a permit determination request with the Authorities Having Jurisdiction (AHJ) including all agencies outlined in the Scope and others as may become necessary although not anticipated. Services shall include response to requests for additional information. Mott MacDonald's fee does not include the costs for the application fees for the various permits.

TASK 11 – BID PHASE SERVICES

Mott MacDonald will provide Bid Phase Services as outlined in the Scope including participation in the pre-bid conference.

TASK 12 – CONSTRUCTION PHASE SERVICES

Mott MacDonald will provide limited construction phase services as outlined in sub-tasks 1-10 of the Scope of Services (Scope) in Appendix A. The Scope was provided by JEA but featured "XX" inserted in the quantities for the number of progress meetings, shop drawings, O&M manuals, and the expected number of RFIs. Mott MacDonald has included 25,175, 25, and 50 of these items respectively. As required in the Scope, Mott MacDonald will assemble all contractor provided information into one comprehensive O&M document. Mott MacDonald will perform one substantial walkthrough, one final walkthrough, and site certification as detailed in the Scope in Appendix A.



SUMMARY OF DELIVERABLES

- Meeting agenda and minutes from all project meetings
- Draft and final TM, PD, SDD, and PDR in electronic format (PDF, Word, and Excel)
- All drawings will be provided in triplicate in 11"x17" hard copies as well as PDF for the 60%, 90%, and 100% (Bid Set) levels
- All specifications will be provided in triplicate and bound as well as electronic formats
- Conformed Construction Documents shall be provided in two formats (11"x17" x 3) and (22"x34" x 2) and shall be signed and sealed. Copies will be provided in PDF as well
- Opinion of Probable Construction Cost in electronic formats with both PDF and excel versions provided at all steps and levels of accuracy as defined in Appendix A
- Construction Record Drawings shall be provided in two formats (11"x17" x 2) and (22"x34" x 1) and shall be signed and sealed. Copies will be provided in PDF and native Autocad formats as well.

SCHEDULE

JEA provided Mott MacDonald with a preliminary schedule as shown in Appendix C. Mott MacDonald has reviewed the schedule and agrees with the document. We recommend updating the schedule at the Project Definition stage during discussions with JEA on project development and scoping.

FEES

The project will be billed as a lump sum contract of \$1,776,965.00. Mott MacDonald will provide monthly invoices to JEA based on the percentage of work completed each month along with an updated cash flow analysis. A breakdown of the fees associated with each task is provided in Appendix D including the scopes and fees of all sub-consultants.



JEA RESPONSIBILITIES

- JEA shall provide timely review of all documents and drawings.
- JEA shall provide any and all necessary documentation on existing facilities and their operating data as well as any hydraulic models or other pertinent information for performance of the work.
- JEA shall provide AutoCAD versions of their standard drawings and details for use in the development of the design.
- JEA will provide all permitting fees.

ASSUMPTIONS

- This scope and fee does not include any time or coordination efforts related to acquisition/coordination of easements to construct the new work.

Should these activities or other changes to the task order be requested by JEA, Mott MacDonald will work with JEA's project manager to negotiate an amendment in scope and/or fee to this task order.

Mott MacDonald looks forward to working with JEA on this project. Upon approval of this scope and fee and issuance of the task order, Mott MacDonald will begin work immediately. Should you have any questions or need any additional information please contact me at **(904) 203-1081**.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'Cale Madden', written over a light blue horizontal line.

Mott MacDonald, Florida LLC

Cale Madden, PE
Principal Project
Manager

cc: File

APPENDIX A

I. SCOPE OF WORK

Engineering services for the Wildlight RW Storage & Repump project

II. PROJECT OVERVIEW

The project will consist of: One 2.0 Mgal (AST) Above ground storage tank is planned (a future 2.0 Mgal (AST) footprint will need to be identified along with piping stubs for future connection). The tank is to be sized so that 2.0 mgal is the effective/usable volume of the tank. Pumps with an enclosure, fencing, a backup power generator, and an access road will also need to be constructed.

III. SCOPE OF SERVICE

TASK 0 – PROJECT MANAGEMENT

1. Prepare scope of service and a work plan with timeline (work schedule)
2. Prepare monthly invoices and submit project progress update.
3. Attend kick-off meeting, progress project meetings, and final review meeting including agenda and meeting minutes with action items.
 - 3.1. Kick-off meeting, CONSULTANT will review the scope, finalize scheduling requirements, and submit the data request memorandum.
 - 3.2. Conduct two (2) (TASK 1) site meetings.
 - 3.3. Conduct Progress Meeting No. 1 (TASK 2) to review hydraulic evaluation.
 - 3.4. Conduct Progress Meeting No. 2 (TASK 3) to review the project narrative and suggestions.
 - 3.5. Conduct Progress Meeting No. 3 (TASK 4) to review Project Definition (PD) & Technical Memorandum (TM).
 - 3.6. Conduct Progress Meeting No. 4 (TASK 5) to review schematic design document (SDD)
 - 3.7. Conduct Progress Meeting No. 5 (TASK 6) to review 30% preliminary design report (PDR)
 - 3.8. Conduct Progress Meeting No. 6 (TASK 7) to review 60% design documents.
 - 3.9. Conduct Progress Meeting No. 7 (TASK 8) to review 90% design documents.

TASK 1 – DATA COLLECTION AND ASSESSMENT

JEA will assist the CONSULTANT in collecting and gathering all the information listed within this Task 1.

1. Collect and review available record drawings.
2. Conduct site visit.
 - 2.1. Record existing site geometry and drainage. Rate drainage system existing condition as good, fair, or poor.
 - 2.2. Record existing infrastructure and rate it as good, fair, or poor.
 - 2.3. Record existing mechanical equipment and process piping and rate them as good, fair, or poor.

TASK 2 – HYDRAULIC EVALUATION FOR RECLAIMED WATER PUMP STATION

1. Review data provided by JEA (pipelines, land use (dwellings), metering water demand, (etc.)
2. Reconcile record drawings and set-up the pipeline network corresponding.
3. Using GIS, use the geocoded data and create water demand for the service area (basin) by correlating water consumption and land use.
4. Review the basin and identify the areas without reclaimed water. Add reclaimed water to those areas without reclaimed water for future condition. Assigned a similar diurnal curve to the rest of the basin.
5. Define design flows:
 - 5.1. Average daily flow
 - 5.2. Maximum daily flow
 - 5.3. Peak hourly flow
6. Use these flows to model the pump station and reclaimed mains. See these flows impact on the existing mains.
7. Assess the impact to define the measurements that must be taken to mitigate the impact.
8. Select the pumps.

TASK 3 – EVALUATION

1. Create a description of the existing conditions.
2. Evaluate and present the design requirements for:
 - 2.1. Mechanical equipment and layout.
 - 2.2. Structural support requirements.
 - 2.3. Electrical equipment, layout, service requirements.
 - 2.4. Hydraulic design including constraints.
3. Present and describe the required modifications on the existing system to accommodate the new flows or the new level of service.

TASK 4 – DRAFT TECHNICAL MEMORANDUM (TM) DOCUMENT & PROJECT DEFINITION (PD)

1. Provide a narrative summarizing the engineering design services completed in TASK 3 with associated attachments, calculations, and back-up data.
2. Prepare an Advancement of Cost Engineering International Inc. (AACE), Class 5 estimate.
3. Provide a present-worth economic analysis of the evaluated options in the narrative.
4. Prepare and submit PD.
 - 4.1. Introduction and Background
 - 4.2. Justification
 - 4.3. Scope
 - 4.4. Implementation Schedule
 - 4.5. Project management and Delivery
 - 4.6. Risk

TASK 5 – SCHEMATIC DESIGN DOCUMENT (SDD) – 10% SUBMITTAL

1. Prepare and submit a SDD draft. The SDD will present:
 - 1.1. A summary of the unit process design criteria for selected processes.
2. The SDD will include the following:
 - 2.1. PD update
 - 2.2. Major equipment list
 - 2.3. Process flow diagram (hand sketches are acceptable)
 - 2.4. Piping and instrumentation diagram (P&ID) (hand sketches are acceptable)
 - 2.5. List or itemized identified.
 - 2.6. Plan views (hand sketches are acceptable)
 - 2.7. Site Plan
 - 2.8. AACE Class 4 estimate
3. Conduct a SDD draft review meeting with JEA. Prepare and submit meeting minutes. JEA is to provide written review comments.
4. Draft and submit final SDD based on JEA's written comments received.

TASK 6 – PRELIMINARY DESIGN REPORT (PDR) – 30% SUBMITTAL

1. Architectural – define requirements and provide architectural concept.
2. Civil – define spatial requirements and provide site plan concept (i.e. permanent or temporary easements and fencing, 100-year flood elevation, storm water management, erosion control, coordinates, datum)
3. Electrical – provide design criteria for powering, controlling, grounding, and lighting. Define requirements and type of emergency power.
4. HVAC – define requirements and provide design criteria.
5. I&C – define requirements and provide design criteria (i.e. control philosophy, communication, security)
6. Plumbing and Fire Protection – define requirements and provide design criteria.
7. Structural – define requirements and provide design criteria (i.e. wind load, live and dead loads, torques). Define boring depths for the Geotechnical to perform.
8. Geotechnical – conduct soil exploration. Make foundation, trenching and dewatering recommendations. Provide design loads and compaction requirements.
9. Prepare, submit, and update the SDD to a PDR draft describing the system, component, instrumentation, control, and operation. The PDR will identify and include:
 - 9.1. Process flow diagram – final.
 - 9.2. Hydraulic profile – final.
 - 9.3. Process calculation – final.
 - 9.4. P&ID with process piping, sizes & identifications (IDs); mechanical equipment & IDs; valves & IDs; flow directions; ID of equipment by others.
 - 9.5. Plan views and major elevations.
 - 9.6. Site Plan
 - 9.7. List of Specifications
 - 9.8. AACE Class 3 estimate

- 9.9. List anticipated regulatory approvals and permit (i.e. zoning, FDEP, USACOE, SJRWMD, Nassau County. etc.)
10. Conduct site survey.
11. Create base survey map that includes the environmental sensitive areas (i.e. wetlands, hazardous waste areas, flood plains, etc.)
12. Conduct a PDR draft review meeting with JEA. Prepare and submit meeting minutes. JEA is to provide written review comments.
13. Draft and submit final PDR based on JEA's written comments received.

TASK 7 – 60% DESIGN DOCUMENTS

1. Prepare and submit 60% Submittal of the Contract Bid Documents. Incorporate JEA's PDR (30% submittal) comments. 60% Submittal should also include:
 - 1.1. P&ID with instrumentation and identification, miscellaneous (vents, drains, special fittings)
 - 1.2. Electrical schematics
 - 1.3. Demolition phasing and construction sequence.
2. Review and edit JEA's Division 0 (front-end) specifications as required to accommodate the Contract Bid Documents. Coordinate and integrate JEA's Division 0 (front-end) specifications within the project technical specifications and plans.
3. Prepare and submit AACE Class 2 estimate. Indicate construction timeline.
4. Conduct 60% submittal review meeting. JEA is to provide written comments and drawing markups to the CONSULTANT. Prepare and submit meeting minutes.

TASK 8 – 90% DESIGN DOCUMENTS

1. Prepare and submit 90% Submittal of the Contract Bid Documents. Incorporate JEA's 60% submittal comments.
2. Update JEA's Division 0 (front-end) specifications as required to accommodate the Contract Bid Documents.
3. Draft and submit the Bid Form and Measurement and Payment as part of the Division 0 and 1 section.
4. Prepare and submit AACE Class 1 estimate. Refine construction timeline.
5. Create and submit Asset Management table.
6. Update and submit the PDR.
7. Conduct 90% submittal review meeting. JEA is to provide written comments and drawing markups to the CONSULTANT. Prepare and submit meeting minutes.

TASK 9 – BID SET

1. Revise, prepare and submit bid set. Bid Set update is based on JEA's 90% submittal review comments.
2. Update and submit AACE Class 1 estimate.

TASK 10 – PERMITTING

1. Submit permit determination request using the PDR. Conduct permits determination with the following agencies:
 - 1.1. Nassau County Review Process
 - 1.2. Nassau County Building Permit
 - 1.3. St. Johns River Water Management District
 - 1.4. Army Corp of Engineers
 - 1.5. Florida Department of Environmental Protection
2. Prepare permit application packages for:
 - 2.1. Nassau County Review Process
 - 2.2. Environmental Resource Permit
 - 2.3. EPA NPDES General Permit for Construction Activities
 - 2.4. FDPE Facility Permit
 - 2.5. FDEP Pipeline Permit
 - 2.6. JEA Pipeline Permit
3. Respond for Additional Information (RAI): Consultant is responsible for securing permits and responding to the agencies' RAIs.

TASK 11 – BID PHASE SERVICES

1. Attend the pre-bid conference.
2. Draft and submit meeting minutes for review.
3. Submit final meeting minutes.
4. Prepare and submit addenda.
5. Revise contract bid documents per addenda.
6. Prepare Conformed Construction Documents.

TASK 12 – CONSTRUCTION PHASE SERVICES (LIMITED AMOUNT NOT-TO EXCEED)

1. Pre-Construction Meeting
 - 1.1. Attend on-site pre-construction meeting.
 - 1.2. Draft and submit meeting minutes for review.
 - 1.3. Submit final meeting minutes.
2. Construction Progress Meetings
 - 2.1. Attend on-site construction progress meetings if requested by JEA. Not to exceed XX progress meetings.
 - 2.2. Draft and submit meeting minutes for review.
 - 2.3. Submit final meeting minutes.
3. Review Shop Drawings
 - 3.1. Receive, review, evaluate, and distribute shop drawings within 14 calendar business days of receipt of the shop drawings. Expected number of shop drawings XX.
4. O&M Manuals
 - 4.1. Receive, review, evaluate, and distribute O&M manuals within 14 calendar business days of receipt of the shop drawings. Expected number of manuals XX.

5. Requests for Information (RFI)
 - 5.1. Receive, review, and evaluate RFIs. Submit RFI response to JEA Construction Administrator.
Expected number of RFIs **XX**.
6. Change Order
 - 6.1. Review Contractor's change order request if required by JEA.
7. Substantial Completion Walk-Through if required by JEA.
 - 7.1. Overall engineer of record to conduct a walk through to visually assess the project completion.
 - 7.2. Instrumentation and Electrical engineers of record to conduct a walk through to assess the project completion.
 - 7.3. Create a punch list.
8. Final Walk-Through if required by JEA.
 - 8.1. Overall engineer of record will conduct the final walk through to confirm and verify the completion of the punch list.
 - 8.2. Instrumentation and Electrical engineers of record will conduct the final walk through to confirm and verify the completion of the punch list.
9. Construction Record Drawings
 - 9.1. Review at every contractor payment request the Contractor's construction red lines.
 - 9.2. Once accepted Contractor's construction red lines, update Construction Record Drawings (Note: The Contractor's payment request acceptance is dependent of the acceptance by the CONSULTANT of the Contractor's construction red lines).
 - 9.3. At the end of the construction, produce and submit construction record drawings for JEA review.
 - 9.4. Incorporate JEA review comments and submit final construction record drawings.
10. Project Certification
 - 10.1. FDEP
 - 10.2. St. Johns WMD, ERP
 - 10.3. Nassau County

TASK 12 – RECLAIMED WATER PUMP STATION FACILITY OPERATIONS MANUAL

1. Create and submit draft of the customized pump station-specific operations manual for the constructed facility.
 - 1.1. Conform Manual to the volume and chapter divisions and unit process formats described in the sample Table of Contents in Attachment A.
 - 1.2. Present in the manual design criteria and operational philosophy, process descriptions, process flow diagrams, P&IDs, descriptions of operator interface controls, control strategies, process control guidance, and process troubleshooting table(s).
2. Submit draft Manual prior to the project Substantial Completion milestone for JEA review and comment. The draft manual will comprise the following information:
 - 2.1. Supplemental Figures – develop selected renderings comprising the information from engineering drawings and other modified data to provide a more complete picture of a particular technical component of the project.

- 2.2. Provide means for the operators to quickly locate and identify details without having to review non-essential textual information. Figures shall be either letter (8.5 inches by 11 inches) oriented in landscape or portrait layout or tabloid landscape (11 inches high by 17 inches wide). Manual may require up to 20 figures.
- 2.3. Informational Photographs – Include up to 100 color photographs in the operations manual for clarifying the operations needs for the pump station and bar screens. Photographs and text in the manual will use letter size paper (8.5 inches by 11 inches).
3. Field Verifications of Draft Operations Manual – The draft Manual will be revised to include applicable JEA comments.
 - 3.1. Field verify as built conditions prior to finalizing the draft Manual. The field verified draft Manual will include photographs and figures of the completed work.
 - 3.2. Submit field verified draft Manual to JEA within approximately 60 calendar days after project Substantial Completion, depending on contractor progress.
 - 3.3. Incorporate JEA comments from the field verified draft Manual. Draft and Submit final Manual to JEA.
4. Conduct a full day operations manual workshop on site with JEA staff to review the final Manual.
 - 4.1. 6.4.1 Record, include and address comments from the workshop.
 - 4.2. Issue final Manual within 30 calendar days of the workshop.

IV. DELIVERABLES

1. Draft and final TM, PD, SDD and PDR in electronic format (PDF and MS WORD and EXCEL).
2. Drawings: Three (3) half size (11" x 17") hard copies and in PDF format for 60%, 90% and 100%
3. Specifications: Three (3) hard copies and in PDF and WORD format for 60%, 90% and 100%
4. Conformed Construction Documents: Drawings, three (3) half size (11" x 17") and two (2) full size (22" x 34" plotted on 24" X 36") hard copies signed and sealed and in PDF format. Technical specifications, three (3) signed and sealed hard copies and in PDF format
5. Opinion of Probable Construction Cost (PDF and EXCEL Format) for 10%, 30%, 60%, 90% and 100% submittal
6. Construction Record Drawings: One (1) signed and sealed full size (22"x 34") and two (2) half size (11" x 17") hard copies and in PDF and ACAD *.dwg format

V. SCHEDULE

The scope of services as defined will begin within five business days after a written notice-to-proceed from the JEA and will follow the schedule as appended as Attachment No. 1. The anticipated duration of the Project is XX months for design/bid and XX months for construction.

VI. COMPENSATION

Compensation will be based on a lump sum cost. Attachment No. 2 provides the details of the compensation for the design.

ATTACHMENT A - PUMP STATION OPERATIONS MANUAL TABLE OF CONTENTS

Table of Content

1.0 Introduction

1.1 Flow Pattern

1.2 Design Data and P&ID

1.3 Permits and Standards

1.3.1 Facility Permits

1.3.2 Required Reports to Regulatory Agencies

1.3.3 Spill Reporting [SSO]

2.0 Safety and Security Systems

3.0 Pumps and Control Narrative

3.1 Primary Pumps

3.2 Diesel Standby Pump System

3.3 Control Narrative

4.0 Power Distribution

4.1 Electric Supply (Utility, Switchgear, VFDs, and MCC's)

4.2 Emergency Power (Generator, ATS, and Fuel System)

5.0 Instrumentation and Control System

5.1 Field Instruments

5.2 Control System

5.3 HMI Graphics (HMI)

5.4 SCADA, Remote Control, and Network

6.0 HVAC and Odor Control System

7.0 Ancillary Systems

7.1 Automatic Screens

7.2 Wetwell Mixer or Aeration System

7.3 Valves and Meters

7.4 Hoist and Crane

Appendices

A Wastewater Collection and Distribution Facility Permit

B Environmental Resource Permit

C Calculations

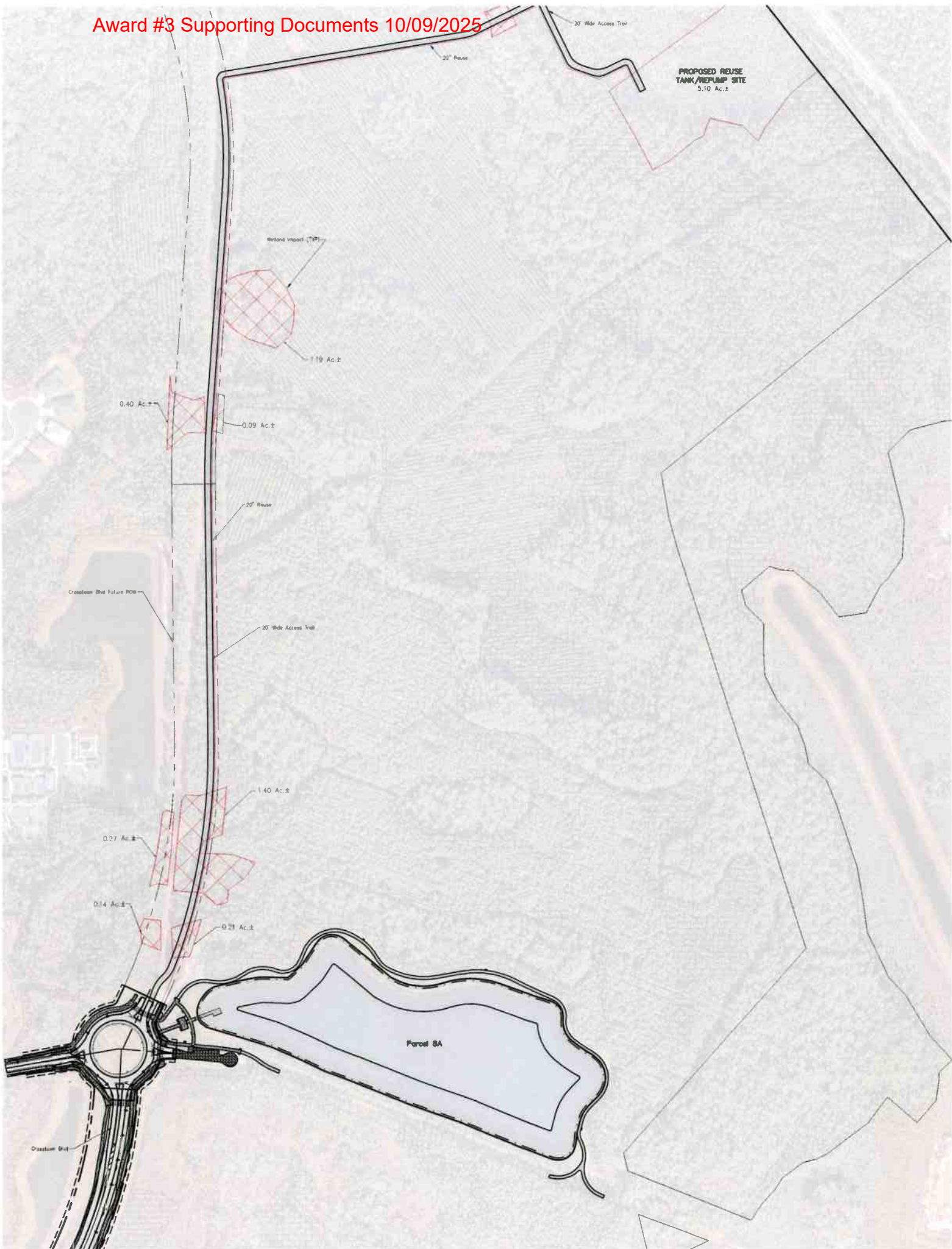
D Glossary

E Applicable rules, regulations, standards and ordinances

Process Chapter Breakdown:

1. Overview [Overall objectives and relationship to adjacent units]
2. Process Control [Detailed description of the intended operation and control]
3. Design Data
4. Equipment Controls [Instrumentation loop descriptions]
5. Operation Consideration and Checklists (does not include Standard Operating Procedures)
6. Normal Operations
7. Alternate Operations [Flexibility of pumping unit]
8. Shutdown Considerations
9. Restart Considerations
10. Maintenance
11. Equipment Data
12. Equipment Maintenance References
13. Process Maintenance
14. Safety References [Bulleted references to Safety chapter]

APPENDIX B



APPENDIX C

FP 2025417102 Wildlight RW Storage Repump - R

All Activities

Run Date: May-30-25
Data Date: May-20-25

Activity ID	Activity Name	Original Duration	Start	Finish	BL Project Start	BL Project Finish	Delta (Days)	2025 - 2029																																																											
								2025												2026												2027												2028												2029											
								M	J	Jul	A	S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S	Oct	N	D	Jan	F	M	Apr	M	J	Jul	A	S	Oct	N	D	J	F	M	Apr	M	J	Jul	A	S	Oct	N	D				
B1090	PM Update PUF and Trend to Post Bid Estimate	10	May-12-27	May-25-27	May-12-27	May-25-27	0	PM Update PUF and Trend to Post Bid Estimate																																																											
B1080	Procurement S/A Zycus for IFB (Dir by Thursday, VP by Monday)	4	May-12-27	May-17-27	May-12-27	May-17-27	0	Procurement S/A Zycus for IFB (Dir by Thursday, VP by Monday)																																																											
VP10	PM P/S Vendor Performance on Designer	5	May-12-27	May-18-27	May-12-27	May-18-27	0	PM P/S Vendor Performance on Designer																																																											
B2000	PM P/S Awards Info to Procurement/CEO	5	May-18-27	May-24-27	May-18-27	May-24-27	0	PM P/S Awards Info to Procurement/CEO																																																											
B2010	Procurement Request Inclusion on Awards Agenda (Friday by Noon)	1	May-28-27	May-28-27	May-28-27	May-28-27	0	Procurement Request Inclusion on Awards Agenda (Friday by Noon)																																																											
Award																																																																			
B2020	Conduct Awards Committee Meeting for Construction (Thursday Only)	0	Jun-03-27		Jun-03-27		0	Conduct Awards Committee Meeting for Construction (Thursday Only)																																																											
B2040	Procurement Execute Construction Contract	20	Jun-04-27	Jul-02-27	Jun-04-27	Jul-02-27	0	Procurement Execute Construction Contract																																																											
B2050	PM Compile and Reproduce Conformed Documents	8	Jul-06-27	Jul-15-27	Jul-06-27	Jul-15-27	0	PM Compile and Reproduce Conformed Documents																																																											
B2060	OGC Review Executed Construction Contract	10	Jul-06-27	Jul-19-27	Jul-06-27	Jul-19-27	0	OGC Review Executed Construction Contract																																																											
B2070	PM Submit Requisition for Construction	2	Jul-20-27	Jul-21-27	Jul-20-27	Jul-21-27	0	PM Submit Requisition for Construction																																																											
B2080	Procurement Issue Construction PO	5	Jul-22-27	Jul-28-27	Jul-22-27	Jul-28-27	0	Procurement Issue Construction PO																																																											
B2090	Hold Pre-Construction Meeting / Update Site Access	1	Jul-29-27	Jul-29-27	Jul-29-27	Jul-29-27	0	Hold Pre-Construction Meeting / Update Site Access																																																											
Construction																																																																			
Bypass Plan (If Needed)																																																																			
C1000	Contractor P/S Bypass Plan (If Needed)	30	Jul-30-27	Aug-28-27	Jul-30-27	Aug-28-27	0	Contractor P/S Bypass Plan (If Needed)																																																											
C1010	JEA R/A Bypass Plan (If Needed)	15	Aug-30-27	Sep-20-27	Aug-30-27	Sep-20-27	0	JEA R/A Bypass Plan (If Needed)																																																											
Construction																																																																			
C1020	Contractor Perform Construction	608	Jul-30-27	Mar-28-29	Jul-30-27	Mar-28-29	0	Contractor Perform Construction																																																											
VP20	PM P/S Vendor Performance on Contractor	5	Apr-25-28	Apr-29-28	Apr-25-28	Apr-29-28	0	PM P/S Vendor Performance on Contractor																																																											
D9040	Receive Certificate of Completion (COC)	0		Mar-28-29		Mar-28-29	0	Receive Certificate of Completion (COC)																																																											
C1030	PM Notify JEA Internal Stakeholders of SC (For Grid Only)	1	Mar-29-29	Mar-29-29	Mar-29-29	Mar-29-29	0	PM Notify JEA Internal Stakeholders of SC (For Grid Only)																																																											
Punchlist																																																																			
C1040	Conduct Punchlist Walkthrough	1	Mar-29-29	Mar-29-29	Mar-29-29	Mar-29-29	0	Conduct Punchlist Walkthrough																																																											
C1050	JEA R/A Punchlist and Deliver to Contractor	5	Mar-30-29	Apr-05-29	Mar-30-29	Apr-05-29	0	JEA R/A Punchlist and Deliver to Contractor																																																											
C1060	Contractor Perform Construction Punchlist	30	Apr-06-29	May-05-29	Apr-06-29	May-05-29	0	Contractor Perform Construction Punchlist																																																											
Contract Closeout																																																																			
As Builts																																																																			
C1070	Contractor P/S Final As-Built Drawings	10	Mar-29-29	Apr-11-29	Mar-29-29	Apr-11-29	0	Contractor P/S Final As-Built Drawings																																																											
C1080	JEA R/A Final As-Built Drawings and Delivery to T5	10	Apr-12-29	Apr-25-29	Apr-12-29	Apr-25-29	0	JEA R/A Final As-Built Drawings and Delivery to T5																																																											
Final Invoice																																																																			
C1090	Contractor P/S Final Invoice	30	Mar-29-29	May-09-29	Mar-29-29	May-09-29	0	Contractor P/S Final Invoice																																																											
C1100	JEA R/A Final Pay Request	5	May-10-29	May-16-29	May-10-29	May-16-29	0	JEA R/A Final Pay Request																																																											
Vendor Performance																																																																			
VP30	PM P/S Final Vendor Performance on Contractor	5	May-17-29	May-23-29	May-17-29	May-23-29	0	PM P/S Final Vendor Performance on Contractor																																																											
VP40	PM P/S Final Vendor Performance on Designer	5	May-17-29	May-23-29	May-17-29	May-23-29	0	PM P/S Final Vendor Performance on Designer																																																											
Project Closeout																																																																			
C2000	PM Submit EAM & Remove Site Access	20	May-17-29	Jun-14-29	May-17-29	Jun-14-29	0	PM Submit EAM & Remove Site Access																																																											
C2020	PC Request PO, OPN, WO Closures & Submit SOA	60	Jun-15-29	Sep-11-29	Jun-15-29	Sep-11-29	0	PC Request PO, OPN, WO Closures & Submit SOA																																																											
C2010	PM Conduct Lessons Learned Meeting	1	Jun-15-29	Jun-15-29	Jun-15-29	Jun-15-29	0	PM Conduct Lessons Learned Meeting																																																											

APPENDIX D

Appendix D - Fee Estimate for Wildlight RWM GST and Repump Station

Specialty	Supervision QA/QC	Process Management	Process	Mechanical	Civil	Structural	Electrical	Electrical	HVAC	Architect	Mechanical	Various	Various	Various		
Task Name	Principal	Sr. Project Manager	Project Engineer	Sr. Project Engineer	Sr. Project Engineer	Sr. Project Engineer	Sr. Project Engineer	Engineer IV	Sr. Project Engineer	Architect	Hydr Modeler	CAD Specialist 5	CAD Designer	Contract Admin	Total Labor Hours	Fee Estimate
Billing Rate	\$295	\$245	\$150	\$195	\$195	\$195	\$195	\$140	\$200	\$150	\$195	\$155	\$120	\$65		
Task 0: Project Management																
0.1: Develop Scope of Service, Project Plan, and schedule	1	2	2												5	\$1,085
0.2: Monthly updates - cash flow, invoice, progress update, JSEP report		28	28											28	84	\$12,880
0.3: Kickoff Meeting	2	8	8	1	1		1	1						4	26	\$4,595
0.4: Initial Site visit to determine site data acquisition		2	2												4	\$790
0.5: Site visit 2 to assist with scoping and modeling		2	2												4	\$790
0.6: Hydraulic review meeting with JEA	1	2	2	3											8	\$1,670
0.7: Technical Evaluation review meeting with JEA	1	2	2	2											7	\$1,475
0.8: Project Definition and TM review meeting with JEA	1	2	2	2											7	\$1,475
0.9: 10% SDD review meeting with JEA	1	2	2	2			1	2	1						11	\$1,870
0.10: 30% PDR report/plan review meeting with JEA	1	2	2	2			1	2	1						11	\$1,870
0.11: 60% Design review meeting with JEA	1	2	2	2			1	2		1					11	\$1,670
0.12: 90% Design review meeting with JEA	1	2	2	2			1	2		1					11	\$1,670
Expenses - Travel																\$325
Task 0: TOTALS Project Management	10	56	56	16	1	0	5	9	2	2	0	0	0	32	189	\$31,840
Task 1: Data Collection and Assessment																
1.1: Existing North Grid Reuse asbuilts review and hand off		2	2	2							1	1			8	\$1,530
1.2: Existing Hydraulic model hand off and coordination with Developer Engineer		1	1	1							1				4	\$785
1.3: Site visit to determine drainage both interim and final		1	1		3										5	\$980
1.4: Line out surveyor, stake site, produce working docs for survey/SUE		1	8		2							1	2		14	\$2,230
Task 1: TOTALS Data Collection and Assessment	0	5	12	3	5	0	0	0	0	0	2	2	2	0	31	\$5,525
Task 2: Hydraulic Modelling and Evaluation of System																
2.1 Review Task 1.2 data, developer (PUD) demands, and JEA provided metrics		1	1	2							3				7	\$1,370
2.2 Hydraulic model setup using GIS Shapefiles and asbuilts			1								26				27	\$5,220
2.3 Develop System Demands for baseline model		2	6								7				15	\$2,755
2.4 Create baseline model and identify areas for Reuse											14				14	\$2,730
2.5 Create and run EPS model for ADF, MDF, and PHF											8				8	\$1,560
2.6 Create baseline pump and tank recommendation		6	4	12							3				25	\$4,995
2.7 Pump selection, tank sizing, main sizing, produce recommendation	1	2	18	18							12				51	\$9,335
2.7: Meeting with JEA, Developer, ETM for phasing requirements for reuse deployment	1	2	2	2							2				9	\$1,865
Task 2: TOTALS Hydraulic Modelling	2	13	32	34	0	0	0	0	0	0	75	0	0	0	156	\$29,830
Task 3: Mechanical, Electrical, Hyd Evaluation																
3.1: Mechanical Layouts, Electrical Panel Layouts, Hydraulic Design	1	6	15	15			4	8			11		11	2	73	\$11,315
3.2: Site layout, review of constraints, piping	1	4	24		3			2					2		36	\$5,700
3.1: System modifications/alternatives	1	3	6	2	2						1		10		25	\$4,105
Expenses - Travel																\$350
Task 3: TOTALS Mechanical, Electrical, Hyd Evaluation	3	13	45	17	5	0	4	10	0	0	12	0	23	2	134	\$21,470
Task 4: Technical Memorandum and Project Definition																
4.1: Narrative for Tasks 3.1, 3.2, 3.3		5	5												10	\$1,975
4.2: Initial OPCC		4	35	2	2			2						5	50	\$7,335
4.3: Tech Memo, Scope, Schedule, PM, delivery, Risk register	1	8	55	20	4	10	18	18	5		26	8	30		203	\$31,555
4.4 Coordination with JEA and provide final TM after Task 0.8 review		2	4	2											8	\$1,480
Task 4: TOTALS Technical Memorandum and Project Definition	1	19	99	24	6	10	18	20	5	0	26	8	30	5	271	\$42,345
Task 5: Schematic Design Document - 10% SDD																
5.1: 10% Schematic Design Document Production (include cost estimate) per Scope Statement Attachment A	1	20	46	22	4	15	12		8	8	16	18	40		210	\$34,740
5.2: Revise and provide final SDD post meeting, Task 0.9		2	2	2	2	2	2	2				3	2		19	\$3,055
Task 5: TOTALS Technical Memorandum and Project Definition	1	22	48	24	6	17	14	2	8	8	16	21	42	0	229	\$37,795
Task 6: Preliminary Design Report - 30% PDR + Plans																
6.1: Architectural definition	1	1	1							12			12	4	31	\$2,390
6.2: Conceptual Site Plan	2	12	18		6					2		7	16		63	\$10,405
6.3: Electrical and I/C definition		3	3				4	24				2	12		48	\$3,715
6.2 Conceptual Design Document (including cost estimate) based on updates to Task 5 SDD		32	78	32	5	18	12	48	8	15	3	45	95	8	399	\$53,685
6.3 Survey & SUE		4	6		4	0	2		0					4	20	\$3,310

Award #3 Supporting Documents 10/09/2025

6.4 Geotechnical Investigations		2	6	4	4	0	2		0				4	22	\$3,600	
6.5 Update PDR after Task 0.10 Meeting	1	2	2	2	2	2	2	2	2			2	5	24	\$3,955	
Expenses - Travel															\$640	
Task 6: TOTALS 30% PDR	4	56	114	38	21	20	22	74	10	29	3	56	140	20	607	\$81,700
Task 7: 60% Design Documents																
7.1: Construction sequencing and MOPO	1	3	14	2									2	2	24	\$3,890
7.2: Review of DIV 0 specs, produce remaining tech specs	1	12	24	7	2	7	3	12	3	7			2	14	94	\$12,290
7.3: Electrical and I/C with P&IDs, schematics, and updated one line		3	3				8	84				4	18		120	\$5,525
7.4 60 Percent Design Document Production and Engineering	1	14	64	21	3	40	4	12	26	36		54	201	16	492	\$65,315
7.5 Update Cost Estimate and Construction timeline	1	2	2	2	2	2	2	2	2						17	\$3,045
7.6 Update 60% Design Document after Task 0.11 Meeting	1	2	2	2	2	2	2	2	2			6	12		35	\$5,415
Expenses - Travel																\$640
Task 7: TOTALS 60% Design	5	36	109	34	9	51	19	112	33	43	0	64	235	32	782	\$96,120
Task 8: 90% Design Documents																
8.1: Draft Bid Form and Measurement and Payment	1	2	16	1			2	4							26	\$3,770
8.2: Update DIV 0 specs, update tech specs based on JEA comments	1	5	24	7	2	7	3	12	3	7			2	14	87	\$10,575
8.3: Asset Management Table		6	6	2	2		2	6						22	46	\$4,970
8.4 90 Percent Design Document Production and Engineering	2	15	55	11	2	45	12	18	4	5		100	125	16	410	\$58,505
8.5 Update Cost Estimate and Construction timeline, CLASS 1	1	2	2	2	2	2	2	2	2						17	\$3,045
8.6 Update 90% Design Document after Task 0.12 Meeting	1	2	2	2	2	2	2	2	2			6	12		35	\$5,415
Expenses - Travel																\$675
Task 8: TOTALS 90% Design	6	32	105	25	10	56	23	44	11	12	0	106	139	52	621	\$86,955
Task 9: Bid Set																
9.1 100 Percent (Bid Set) Design Development	4	24	34	4	2	4	4	18	4			24	34	8	164	\$24,010
9.2 100 percent specs, cost estimate, coordination		8	30	2	2	2	2	24	2					21	93	\$9,785
Task 9: TOTALS Bid Set	4	32	64	6	4	6	6	42	6	0	0	24	34	29	257	\$33,795
Task 10: Permitting Assistance																
10.1 SJRWMD Environmental Resource Permit (ERP)	2	12	10		4									4	32	\$6,070
10.2 Nassau County Development Review	2	12	24		2			8		8				4	60	\$7,780
10.3 Other Permits	2	12	26	4	2									4	50	\$8,860
10.4 FDEP Permit Modification	2	2	12		2									4	22	\$3,530
Task 10: TOTALS Permitting Assistance	8	38	72	4	10	0	0	8	0	8	0	0	0	16	164	\$26,240
Task 11: Bid Phase																
11.1: Bid Phase	2	24	48	8	2		4							2	90	\$16,530
Task 11: TOTALS Bid Phase	2	24	48	8	2	0	4	0	0	0	0	0	0	2	90	\$16,530
Task 12: Construction Phase																
12.1 Pre-Construction Meeting	1	6	6	0	0	0	6		0					6	25	\$4,225
12.2 Onsite Construction meetings and other meetings as requested by JEA	12	96	96	8	7	12	40	64	0					8	343	\$55,045
12.3 Shop Drawings & RFIs		32	88	55	7	20	40	44	0					8	294	\$45,350
12.4 Operations Manual	1	8	44	3			3	8						8	75	\$10,545
12.5 Plant Startup	2	24	32	18			32								108	\$21,020
12.6 Substantial Walk Through	1	6	6	6	6	6	2	12	12					1	58	\$9,030
12.7 Final Walk Through	1	4	4	4			2	6	0					1	22	\$3,110
12.8 Construction Record Drawings		2	2				2		0			25	45		76	\$10,455
12.9 Project Closeout	1	18	18				4		0						41	\$8,185
Expenses - Travel																\$2,500
Task 12: TOTALS Construction Phase	19	196	296	94	20	38	131	134	12	0	0	25	45	32	1042	\$169,465
Task 13: Undefined Scope/Task																
Direct Expenses																
MAE/Geotechnical																\$ 87,800.00
Smith Surveying (Survey, SUE)																\$ 47,292.00
AEC (Wetland Investigations)																\$ 64,628.00
Landscaping/Architect																\$ 18,199.50
ETM (Site Civil)																\$ 199,500.00
															TOTAL FEE	\$1,776,965



August 15, 2025

Mr. Cale Madden, PE
Mott MacDonald Florida, LLC
10245 Centurion Parkway, Suite 320
Jacksonville, Florida 32256

Subject: Proposal for Geotechnical Exploration and Engineering Services
JEA Wildlight RW Storage Tank and Repump Project
Yulee, Florida
MAE Proposal No. 250469

Dear Mr. Madden:

MESKEL & ASSOCIATES ENGINEERING, PLLC (MAE) is pleased to present this proposal to provide the geotechnical exploration and engineering services for the subject project. This proposal has been prepared based on the documents provided in your request for proposal.

Based on the information contained in your Request for Proposal email of July 24, 2025 and the documents available in the JEA Solicitation No. 1411978046, we understand the project consists of one 2.0 Mgal above ground storage tank (GST), pumps with an enclosure fencing and a backup power generator, an access road approximately 4,500 LF, a 20-inch RW main, and one future 2.0 mgal GST.

The tank is to be sized so that 2.0 mgal is the effective/usable volume of the tank. The proposed 5.10-acre site is located in a heavily wooded parcel (No. 50-3N-27-0000-0001-0270) located at 462805 SR-200, Yulee, Florida. It is anticipated that bearing pressure will be on the order of 2,000 psf and estimated total and differential settlement tolerances on the order of 6 inches and 5.4 inches, respectively. Additional details are unavailable at this time.

GEOTECHNICAL EXPLORATION AND ENGINEERING

The objective of the geotechnical exploration is to provide site and subsurface information to evaluate the subsurface conditions at the site for the proposed construction. Based on the provided information, we understand the following field services are requested:

BASE SCOPE OF SERVICES		
Test Location	Test No. & Type	Test Depth ft below ground surface
2.0 MG Tank	5 SPT* Borings	1 to 100 (center) 4 to 50 (perimeter)
BPS and Building Structures	5 SPT Borings	20
Pavement and Drive Areas	2 Auger Borings	6

*Standard Penetration Test

OPTIONAL SCOPE OF SERVICES		
Test Location	Test No. & Type	Test Depth ft below ground surface
2.0 MG Tank (Future Tank)	5 SPT* Borings	1 to 100 (center) 4 to 50 (perimeter)
Roadway and 20-inch RW Main	24 SPT Borings (1 per 200 LF)	15

*Standard Penetration Test

Based on a recent site visit, we understand the area of the proposed construction is moderately to heavily wooded and will require clearing of existing vegetation to reach the requested site and boring locations with our ATV-mounted drilling equipment. We will locate the borings using our hand-held GPS receivers and will stake the boring locations upon completion of our field work for the Project Surveyor to locate on their Survey. We plan to access the site with our ATV-mounted drilling equipment. We will obtain coordinates of our final boring locations using our hand-held GPS receivers and will stake the boring locations upon completion of our field work for the Project Surveyor to locate on their Survey.

In accordance with Florida law, we will attempt to locate existing underground utilities at the site by utilizing the Sunshine State One-Call (SSOC) system. In addition, we understand that JEA does not want to be responsible for locating their utilities at the site. Ground Penetrating Radar will be used to assist with locating private utilities. Any potential conflicts will be avoided by relocating the borings away from the affected utility. We will not mobilize our equipment to the site until all utilities have been located and marked.

The SPT borings for the will be backfilled with a cement grout upon completion. All other borings will be backfilled with soil cuttings. The recovered soil samples will be described in the field by the field crew. The field logs and samples will be delivered to our laboratory, where the logs will be reviewed, and the samples classified by a geotechnical engineer using the Unified Soil Classification System (USCS).

Laboratory classification and index property tests will be performed as necessary on selected soil samples to confirm the soil classification and provide engineering characteristics to estimate compressibility. In addition, two bulk soil samples will be obtained for soil corrosion potential testing including soil pH, resistivity, chloride content and sulfate content.

A geotechnical engineer, licensed in the State of Florida, will direct the geotechnical exploration and provide an engineering evaluation of the subsurface conditions encountered at the boring locations. The results of the exploration and evaluation will be documented in a report that will include the following:

- Our understanding of the planned construction;
- The observed site conditions, such as topography, surface vegetation, etc. as it relates to the anticipated construction;
- The field and laboratory test procedures used, and the results obtained;
- The encountered subsurface conditions, including subsurface profiles, measured groundwater levels including the maximum seasonal high ground water elevation, and estimated geotechnical engineering properties, as necessary;
- An estimate of the Seasonal High Groundwater Level at the site;

- A geotechnical engineering evaluation of the site and subsurface conditions with respect to the anticipated construction for each facility;
- Recommendations for shallow foundation design parameters for the tank including allowable bearing capacity, subgrade modulus, and estimated settlement (total and differential) within the tank footprint;
- Recommendations for cut, subgrade preparation, fill and compaction within the tank footprint and any special recommendations such as preloading, surcharging, or over-excavation;
- Recommendations for pipe bedding and backfill placement for the on-site utility pipelines;
- Recommendations for aid with pavement design of the roadway and drive areas;
- Coordination with design team to develop recommendations for minimum tank bearing elevation and foundation cover requirements;
- Recommendations for safe trenching methods and potential dewatering requirements within excavation areas; and
- Recommendations for testing required during site preparation and earthwork construction.

COMPENSATION

Based on the scope of the services outlined above, we propose to complete our services for a not-to-exceed fee shown below.

- BASE SCOPE: GEOTECHNICAL EXPLORATION	\$ 41,800.00
- POST-DESIGN GEOTECHNICAL SERVICES (Up to 10 hrs.)	\$ 1,700.00
BASE TOTAL	\$ 43,500.00
- OPTIONAL SCOPE: FUTURE TANK & ROADWAY, RW MAIN	\$ 44,300.00
BASE & OPTIONAL TOTAL	\$ 87,800.00

This fee includes electronic submittal of a preliminary report for your review and an electronically signed PDF copy of the final report. We will contact you immediately if we encounter subsurface conditions that could require the borings to be advanced to deeper depths, and/or if additional engineering analysis/evaluation outside the scope of this proposal is necessary.

SCHEDULE & CLOSURE

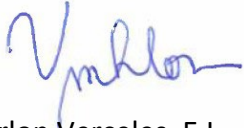
A returned copy of the attached authorization sheet will authorize our work. Our work will be performed in accordance with our General Conditions, a copy of which is attached to and made a part of this proposal.

Once authorization is received, the soil borings will be staked in the field and a utility locate request will be submitted. The field work will begin within 2 weeks following field location of the borings and confirmation that the utilities have been located and marked. It is estimated that the field work will take approximately 5 to 6 days to complete, weather permitting. After completion of the field work, we anticipate that completing laboratory testing, engineering analysis, and preliminary report preparation will take approximately 3 weeks. Our final report will be submitted one week following receipt of all comments.

We appreciate this opportunity to provide this proposal for your project. If you have any questions concerning this proposal, or if we can serve you in any other way, please contact me.

Sincerely,

Meskel & Associates Engineering, PLLC



Marlon Verceles, E.I.
Staff Engineer



Brett Harbison, P.E.
Director, Geotechnical Services

Distribution: Mr. Cale Madden, P.E. – Mott MacDonald
Mr. Billy Perry, P.E. – Mott MacDonald

One e-mail copy
One e-mail copy

PROPOSAL AUTHORIZATION

For Geotechnical Services
JEA Wildlight RW Storage Tank and Repump Project
Yulee, Florida
MAE Proposal No. 250469

Billing Information:

Company

Name: _____

Attention: _____

Company

Address: _____

Phone No.: _____

Email: _____

Project Contact Name:

(if different than above) _____

Additional Reports: Please List Below Any Additional Parties To Receive Reports.

1. _____

No. of Reports Required: _____

2. _____

No. of Reports Required: _____

NOTE: Our fee includes submittal of an electronic copy for each report. If bound paper copies are requested, the client will be charged \$50 for each additional copy.

MAE invoices should be received by you by the _____ of each month (date required for your processing)

The Client representative named below agrees to be bound to the terms of the General Conditions in our Master Subcontract for Professional Services between MAE and McKim and Creed dated May 29, 2024.

Name: _____

Title: _____

Signature: _____

Date: _____

PROPOSAL DOCUMENT GENERAL CONDITIONS

1. SCOPE OF WORK

Meskel & Associates Engineering, PLLC (MAE) (MAE) shall perform the services limited to and specifically defined in this Agreement (including any Project Specific condition attached hereto) and shall invoice the Client in accordance with the compensation section of this Agreement. Any estimate of cost to the Client as stated in this Agreement or any of the accompanying schedules shall not be considered as a fixed price, but only an estimate (unless otherwise specifically stated in this Agreement). MAE will provide additional services under this Agreement as requested by the Client in writing subject to acceptance by MAE. Client will be invoiced for additional services at MAE's standard rates or as mutually agreed upon, including but not limited to, re-reviews, re-inspections, re-tests, stand-by time, scope changes, services outside normal business hours or services provided beyond the estimated project duration. To the extent these General Terms and Conditions are part of a proposal for services, the proposal shall be valid for ninety (90) days unless otherwise stated. Once a proposal is accepted, these General Terms and Conditions shall apply to all services performed and shall survive any termination of the Agreement or completion of services.

Notwithstanding any other provision of this Agreement or any other agreement entered into by MAE with respect to the Project, MAE shall not have control or charge of, and shall not be responsible for, construction means, methods, techniques, sequences or procedures, for safety precautions and programs in connection with work or activities at the project site, for the acts or omissions of any contractor, subcontractors or any other persons performing any work or undertaking any activities at the project site, or for the failure of any of them to carry out any work or perform their activities in accordance with their contractual obligations, including, but not limited to, the requirements of any drawings, specifications or other documents prepared by MAE (if any).

The review of contractor submittals (for example, shop drawings or project samples) is not included in MAE's Scope of Services unless specifically set forth in this Agreement. If such services are to be provided, the review is conducted only for the limited purpose of checking for conformance with information given and the design concept expressed in the construction drawings and specifications prepared by MAE (or by others if so set forth in the Agreement) and is not conducted for the purpose of determining the accuracy and completeness of details such as dimensions and quantities or for substantiating instructions for installation or performance of equipment or systems designed by the contractor, all of which remain the responsibility of the contractor to the extent required by its contract. MAE's review shall not constitute approval of safety precautions or of construction means, methods, techniques, sequences, or procedures. MAE's approval of a specific item shall not indicate approval of an assembly of which the item is a component. When professional certification of performance characteristics of materials, systems or equipment is required by the drawings, specifications, and other documents applicable to the contractor's obligations, MAE shall be entitled to rely upon such certification to establish that the materials, systems or equipment will meet the performance criteria required by the drawings, specifications and other documents prepared by MAE.

Neither site visits for any purpose nor the observation by MAE of any contractor's work are included in MAE's scope of services unless specifically set forth in this Agreement. If MAE is engaged to visit the site and conduct observations of a contractor's work, MAE shall provide such services at the intervals agreed with Client in writing (or if no such interval is agreed upon in writing, then at such intervals as MAE deems appropriate given any budgetary constraints imposed by Client), subject to any limitations on the number of such visits set forth in this Agreement. The general purpose of such observations is to become generally familiar with the progress and quality of the construction work as described in the drawings, specifications or other documents specifically identified in this Agreement and to determine, in general, if such construction work is proceeding in accordance with such drawings, specifications or other identified documents. MAE shall not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of such construction work. On the basis of such on-site observations as an engineer, MAE shall keep Client informed of the progress and quality of such construction work and shall endeavor to guard the Client against defects and deficiencies in such work of contractor.

Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party, including the project owner (if not the Client) and any contractor, subcontractor, vendor, or material supplier, against either the Client or MAE.

2. RIGHT OF ENTRY

The Client, at its sole cost and expense, will provide for reasonable right of entry of MAE personnel to perform the scope of work and all necessary equipment to the project site or sites, in order to complete the work.

3. INVOICES

MAE will submit invoices to Client monthly and a final bill upon completion of services. There shall be no retainage, unless otherwise agreed upon in the Agreement. MAE shall furnish insurance certificates, lien waivers, affidavits, or other reasonably available documents as and when requested by Client provided all amounts due to MAE have been paid.

Payment is due within thirty (30) days after the receipt of the invoice. MAE shall be entitled to recover any and all costs incurred, including attorneys' fees ("Collection Costs") in connection with its efforts to collect past due sums. The minimum amount of such Collection Costs is agreed to be the lesser of (1) ten percent (10%) of the past due amount or (2) the maximum amount allowed by law. Any attorney's fees, collection fees or other costs incurred in collecting any delinquent amount shall be paid by Client. The Client agrees to pay MAE for its services in accordance with this Agreement, regardless of whether or not he has been paid by his client.

In the event that the Client disputes any items billed in an invoice, the Client shall notify MAE within ten (10) days specifying the complaint and, in the meantime, all amounts to which there is not a reasonable and good faith dispute to payment shall be paid promptly. Any dispute not raised within such ten (10) day period is waived. The Client's failure to make timely payment due under this Agreement in accordance with the terms of this Agreement shall constitute a material breach of this Agreement and MAE shall be entitled, upon seven (7) days written notice to Client to terminate this Agreement or, at its option, suspend its performance until all sums then due under this Agreement have been paid.

If MAE is called upon by Client, or subpoenaed by any other person, to testify or produce records in an action at law, equity, arbitration, or in a pre-trial hearing or conference, as to any work performed by anyone in connection with the Project, MAE shall be paid by the Client for all time spent while testifying and preparing therefor and producing such records in accordance with the rates set forth in the attached Agreement.

4. SAFETY

MAE is only responsible for the safety on site of its own employees and subcontractors. However, this shall not be construed to relieve the Client or any of its contractors from their responsibilities for maintaining a safe jobsite. Neither the professional activities of MAE, nor the presence of MAE's employees and subcontractors shall be construed to imply MAE has any responsibility for job safety or any activities on site performed by personnel other than MAE's employees or subcontractor.

5. STANDARD OF CARE

Service performed by MAE under this Agreement will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the location where the services are to be performed ("Standard of Care").

Notwithstanding anything in this Agreement to the contrary, MAE shall only be liable to pay damages to Client arising out of or in connection with the Services or this Agreement, to the extent that such damages are caused by, and are in proportion to, the negligence of, or breach of the Standard of Care by, MAE. Client acknowledges that MAE's services will be rendered without any warranty, express or implied and all such warranties are expressly waived by Client.

6. INSURANCE

MAE represents that it and its agents, staff and consultants employed by it are protected by worker's compensation insurance and that MAE has insurance coverage under public liability and property damage insurance policies. MAE shall, at its own cost and not as a reimbursable expense, secure and maintain insurance policies as required. Certificates for all such policies of insurance shall be provided to Client upon request in writing. Additional insurance, if requested in writing by Client prior to commencement of services, will be obtained by MAE, if procurable, and charged to the Client.

The Client shall cause any contractor responsible for the construction of work (or related activities) designed, specified or reviewed by MAE or responsible for any other activities relating to MAE's services, to hold harmless, indemnify and defend MAE, to the fullest extent permitted by law, from and against any and all damages, liabilities, claims, suits, costs and expenses (including reasonable attorney's fees and other costs of investigation and defense) arising in connection with the negligence, breach of contract or strict liability of any contractor or any of their subcontractors or any of their vendors. Client shall also name, and cause such contractor(s) to name, MAE as additional insureds on its and each such contractor's Commercial General Liability insurance policy and Umbrella/Excess liability insurance policy (with policy limits at the greater of the limits required for the Project or Five Million Dollars per occurrence and in the per project aggregate) and to maintain such coverage until the completion of its contract and to provide MAE with a Certificate of Insurance so naming MAE as an additional insured on an annual basis for so long as Client and/or contractor maintains or is obligated to maintain such coverage.

7. DISPUTES

All claims, disputes, controversies or matters in question arising out of, or relating to, this Agreement or any breach thereof, including but not limited to disputes arising out of alleged design defects, breaches of contract, errors, omissions, or acts of professional negligence, (collectively "Disputes") shall be governed by Florida law and shall be submitted to non-binding mediation before and as a condition precedent to pursuing any other remedy. Upon written request by either party to this Agreement for mediation of any dispute, Client and MAE shall select a neutral mediator by mutual agreement. If a Dispute cannot be settled through mediation as set forth above, then such Dispute, shall be decided by litigation. Notwithstanding any other provisions of this Section, in no event shall a demand for mediation be made, or any other proceeding initiated, more than two (2) years from the date the party making demand knew or should have known of the dispute or five (5) years from the date of substantial completion of MAE's Services, whichever date shall occur earlier. All mediation or litigation shall take place in Duval County, Florida, unless the parties agree otherwise. The fees of the mediator and the costs of transcription and other costs incurred by the mediator shall be apportioned equally between the parties. Thereafter, if any legal action or other proceeding is brought with respect to such Dispute, the successful or prevailing party or parties shall be entitled to recover reasonable attorneys' fees, costs, and expenses, incurred in that action or proceeding, in addition to any other relief to which such party or parties may be entitled.

8. DELAYS IN WORK

In no event will MAE be responsible for delays in the work which are beyond our reasonable control or caused by Client or its agents, consultants, contractors, or subcontractors. Stand-by or non-productive time for delays in our work caused by Client or its agents, consultants, contractors, or subcontractors may be charged to the Client unless provided for as a separate item in the Agreement or otherwise as mutually agreed upon.

9. TERMINATION

This Agreement may be terminated by either party upon thirty (30) days written notice in the event of substantial failure by the other party to perform in accordance with the terms of the Agreement. Such termination shall not be effective if that substantial failure has been remedied before expiration of the period specified in the written notice. In all events of termination, MAE shall be paid for services performed up to and through the date of termination plus reasonable expenses to demobilize. In the event of termination, or suspension for more than three (3) months, MAE shall, at its option, be permitted to terminate this Agreement upon seven (7) days written notice to Client. Further, if said termination is prior to MAE's completion of all reports contemplated by this Agreement, MAE may complete such analyses and records as are necessary to complete its files and may also complete a report on the services performed to date of notice of termination or suspension. The expenses of termination or suspension shall include all direct costs of MAE in completing such analyses, records, and reports and shall be due and payable by Client promptly upon invoice from MAE, together with all reasonable termination costs and expenses.

10. ASSIGNS

This Agreement may not be assigned by either party without the prior written consent of the other party, provided, however, that MAE may assign this Agreement in the case of sale of all or substantially all of its assets or equity. To the extent consent is required it shall not be unreasonably withheld.

11. OWNERSHIP OF DOCUMENTS

All reports, boring logs, field data, field notes, laboratory test data, calculations, estimates, and other documents prepared by MAE, as instruments of service, shall remain the property of MAE and shall retain all common law, statutory and other reserved rights, including copyrights ("MAE Documents"). Contingent on the Client's full and timely payment of all sums due under this Agreement, MAE grants Client a non-exclusive license to use the final and complete versions of the MAE Documents solely and exclusively for purposes set forth in this Agreement. The foregoing license does not extend to any CADD files or 3D model created by MAE, unless expressly set forth herein. If MAE Documents are prepared "for construction", the license granted in the preceding sentences of this Paragraph permits the Client to authorize the contractor and subcontractors, and material or equipment suppliers to reproduce applicable portions of MAE Documents solely and exclusively for use in performing their services or construction for the Project. MAE Documents shall only be used for their intended purpose. MAE Documents are not to be used on other projects, for alternations, extensions, or additions to this Project or for completion of this Project by others, except by agreement in writing and with appropriate compensation to MAE. If Client is granted a license with respect to any CADD files or 3D models, Client agrees to be bound to the terms of the MAE License for Use of Electronic Files and 3D Models. Client agrees that all reports and other work furnished to the Client or his agents, which are not paid for, will be returned upon demand, and will not be used by the Client for any purpose whatsoever. MAE will retain all pertinent records relating to the services performed for a period of three (3) years following submission of the report, during

which period the records will be made available to the Client at all reasonable times and an administrative fee may be charged to the Client for retrieval and reproduction of such records.

Any electronic files not containing an electronic seal are provided only for the convenience of the Client, and use of them is at the Client's sole risk. In the case of any defects in the electronic files or any discrepancies between them and the hardcopy of the documents prepared by MAE, the hardcopy shall govern. Because data stored in electronic media format can deteriorate or be modified without MAE's authorization, the Client has 60 days to perform acceptance tests, after which it shall be deemed to have accepted the data.

12. FAILURE TO FOLLOW RECOMMENDATIONS

MAE will not be held liable for problems that may occur if MAE's recommendations are not followed.

13. LIMITATION OF LIABILITY

Client agrees that the work created pursuant to this Agreement is for the sole and exclusive use of Client and is not for the benefit of any third parties. Client acknowledges and agrees that in no event shall the liability of MAE in connection with this Agreement or the services provided pursuant thereto exceed the fee actually paid to and received by MAE under this Agreement or \$50,000 whichever is greater. This Agreement and the services to be performed hereunder shall in no way be construed as a guarantee of deficient-free construction.

Notwithstanding anything to the contrary contained in this Agreement or provided for under any applicable law, neither MAE nor Client shall be liable to the other party, either in contract or in tort, for any consequential, incidental, indirect, special or punitive damages, including without limitation any delays damages, loss of future revenue, income or profits or any diminution of value, financing costs or costs of lost opportunities relating to this Agreement, the services or the Project, whether or not the possibility of such damages has been disclosed to the other party in advance or could have been reasonably foreseen by such other party. If MAE is considered to be liable jointly with any third parties, the portion of damages payable by MAE shall be limited to the portion of liability which is attributable to MAE's breach of the Standard of Care on a comparative fault basis.

14. INDEMNIFICATION

Client agrees, to the fullest extent permitted by law, to indemnify, defend and hold harmless MAE, and its officers, directors, agents and employees and any of them (collectively, the "MAE Parties") from all claims, actions, damages, liabilities, losses, costs and expenses, including reasonable attorney's fees and defense costs (collectively "Losses"), arising out of, or in any way connected with, the performance or nonperformance of MAE's obligations under this Agreement (including, without limitation, any act of negligence, omission or default by the MAE Parties), up to an amount not to exceed the greater of \$50,000 or the amount of the fees charged for the services provided by MAE in connection with this Agreement and the services hereunder. The parties agree that the foregoing amount of said indemnification bears a reasonable commercial relationship to the services provided by MAE and that the indemnification provided herein is considered a part of the project specifications. Notwithstanding the foregoing, the MAE Parties shall not be entitled to indemnification hereunder for any Losses resulting from the MAE Parties' gross negligence, or willful, wanton or intentional misconduct or for any statutory violation or punitive damages (except to the extent the statutory violation or punitive damages are caused by or result from the acts or omissions of Client or any of the Client's contractors, subcontractors, sub-subcontractors, materialmen or agents of any tier or their respective employees). Except as set forth in the preceding sentence, the MAE Parties rights to indemnification shall include, without limitation, indemnification for any and all Losses which may be suffered by any MAE Party as a result of any (i) failure of Client to follow or implement any of its recommendations, (ii) any breach by Client of its obligations under the Agreement, and (iii) exposure of MAE's employees or agents to any hazardous materials at the jobsite.

Upon notice by the MAE Parties, Client shall defend the MAE Parties with counsel chosen by MAE Parties, subject to the consent of Client, which consent shall not be unreasonably withheld. The parties agree that this duty to defend is separate and distinct from any indemnity obligation, and the duty shall extend to any claims asserted against the MAE Parties arising out of or related to the project, regardless of whether Client is obligated to indemnify the MAE Parties for the loss, claim, or damage.

15. HAZARDOUS MATERIALS

It is acknowledged by both parties that MAE's scope of services does not include any services related to asbestos or hazardous or toxic materials unless specifically identified in our scope of services. In the event MAE or any other party encounters asbestos or hazardous materials at the jobsite, or should it become known in any adjacent areas that may affect the performance of MAE's services, MAE may, without liability for consequential or any other damages, suspend performance of services on the project until the Client retains appropriate specialist consultants or contractors to identify, abate

and/or remove the asbestos, hazardous or toxic materials and warrant that the jobsite is in full compliance with applicable laws and regulations. In addition, the Client shall hold harmless, defend and indemnify MAE Parties, from and against any and all Claims arising, in whole or in part, out of the discovery, presence, handling, removal or disposal of, or exposure of persons to, any hazardous materials in any form at the Project site, including, but not limited to, asbestos, asbestos products, polychlorinated biphenyl (PCB), bacteria, mold, fungi, lead based paints or other similar materials or other toxic substances, infectious materials, or contaminants.

16. NON-HAZARDOUS SAMPLE DISPOSAL

Unless other arrangements are made, MAE will dispose of all soil and rock samples remaining at the time of report completion. MAE will store test samples and specimens, or the residue thereof, for up to 90 days free of charge at Client's prior written request. Additional storage time may be obtained at a mutually agreeable cost. Client acknowledges that contaminated drill cuttings, sample spoils, wash water, and other materials may be produced as a result of encountering hazardous materials at the site. In such an event, MAE shall properly contain, label, and store such materials on-site, and Client shall be responsible for its proper transportation and disposal.

17. AQUIFER CONTAMINATION

Client acknowledges that it is impossible for MAE to know the exact composition of a site's subsurface, even after conducting a comprehensive exploratory program. As a result, there is a risk that drilling and sampling may result in contamination of certain subsurface areas. Although MAE will take reasonable precautions in accordance with the Standard of Care to avoid such an occurrence, Client waives any claim against, and (without limiting the generality of Section 14 hereof) agrees to indemnify and hold harmless MAE in accordance with the terms and conditions set forth in this Agreement from any claim or liability for injury or loss which may arise as a result of subsurface contamination caused by drilling, sampling, or monitoring well installation. Client also agrees to adequately compensate MAE for any time spent and expenses incurred in defense of any such claim.

18. DAMAGE TO EXISTING MAN-MADE OBJECTS

It shall be the responsibility of the Client, property Owner or his duly authorized representative to disclose the presence and accurate location of all hidden or obscure man-made objects relative to field tests, sampling, or boring locations. When cautioned, advised or given data in writing that reveals the presence or potential presence of underground or overhead obstructions, such as utilities, MAE will give special instructions to its field personnel. As evidenced by your acceptance of this proposal, Client agrees to indemnify and save harmless MAE from all claims, suits, losses, personal injuries, death and property liability resulting from unusual subsurface conditions or damages to subsurface structures, owned by Client or third parties, occurring in the performance of the proposed work, whose presence and exact locations were not revealed to MAE in writing, and to reimburse MAE for expenses in connection with any such claims or suits, including reasonable attorney's fees.

19. DEFINITIONS

As used herein, the following words and their derivative words or phrases have the meanings indicated, unless otherwise specified in the various sections of this Agreement.

AGREEMENT: means the Agreement between the parties, which shall describe and govern Client's engagement of MAE to provide services in connection with the project or work identified in the proposal (Proposal), and consists of the Proposal, these General Terms and Conditions, and any exhibits or attachments referenced in any of these documents.

CERTIFY, CERTIFICATION: MAE's opinion is based on its observation of conditions, knowledge, information and beliefs. It is expressly understood such opinions relieve no other party of any responsibility or obligation he or she has accepted by contract or custom.

ESTIMATE: An opinion of probable cost for services made by MAE. The accuracy of probable cost for services opinion cannot be guaranteed.

INSPECT, INSPECTION: The visual observation of certain aspects of construction to permit MAE to render its professional opinion as to whether the contractor is performing the Work in a manner indicating that, when completed, the Work will be in general accordance with the approved documents. Such observations do not relieve any party from fulfillment of their customary and contractual responsibilities and obligations.

20. NO PERSONAL LIABILITY

It is intended by the parties to this Agreement that MAE's services under this Agreement shall not subject MAE's individual employees, officers, shareholders, managers, members, or directors to any personal legal exposure for the risks associated with the services to be rendered on the project. Therefore, and notwithstanding anything to the contrary contained herein, the Client agrees that as the Client's sole and exclusive remedy, any claim, demand, or suit shall be directed and/or asserted only against MAE, a Florida limited liability company, and not against any of MAE's employees, officers, managers, members, or directors.

TO THE FULLEST EXTENT PERMITTED BY LAW, PURSUANT TO FLORIDA STATUTE § 558.0035, NO EMPLOYEE, OFFICER, MANAGER, DIRECTOR, OR AGENT OF MAE SHALL BE INDIVIDUALLY LIABLE TO CLIENT OR ANY OTHER PERSON FOR ANY NEGLIGENCE, MISCONDUCT OR WRONGFUL ACTS IN CONNECTION WITH THE PERFORMANCE OF SERVICES UNDER THIS AGREEMENT OR OTHERWISE, WHETHER SUCH CLAIMS ARE BASED IN CONTRACT, STATUTE, OR TORT.

21. FORCE MAJEURE/COVID.

Neither party shall be responsible for its failure to perform due to causes beyond its reasonable control, by way of example, and not in limitation, fire, act of God, governmental act, national emergency, strike, labor dispute, unusual delay in transportation, inability to procure materials, adverse weather conditions not reasonably anticipatable, unavoidable casualties, state or national emergencies, including the occurrence of any epidemic or pandemic, including coronavirus and the like or any other causes beyond Architect's or Owner's reasonable control. Architect and Owner shall each exercise their respective commercially reasonable efforts to mitigate the cause of any such force majeure delay, interruption, suspension, or termination and work together to mutually determine going forward strategies including schedule concerns.

22. MISCELLANEOUS

AMENDMENT: This Agreement may be amended, modified, or supplemented, but only in writing signed by each of the parties hereto.

WAIVERS: The failure of a party hereto at any time or times to require performance of any provision hereof shall in no manner affect its right at a later time to enforce the same. No waiver by a party of any condition or of any breach of any term contained in this Agreement shall be effective unless in writing and signed by the waiving party, and no waiver in any one or more instances shall be deemed to be a continuing waiver of any such condition or breach in other instance or a waiver of any other condition or breach of any other term.

SEVERABILITY: If any provision or sub-provision of this Agreement is or becomes invalid, illegal, or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions or sub-provisions contained herein shall not be affected thereby.

INTEGRATION: This Agreement represents the entire understanding and agreement among the parties with respect to the subject matter hereof, and supersedes all other negotiations, understandings, and representations (if any) made by and among such parties.

SOVEREIGN IMMUNITY: In the event that the Client is the State of Florida or another "state agency or subdivision" within the meaning of Florida Statute Section 768.28(2), then MAE (and all MAE Parties) shall for all purposes provided in this Agreement and otherwise be deemed an agent of the Client for purposes of sovereign immunity whether under Florida Statute Section 768.28 and otherwise, including without limitation Florida Statute Section 768.28(9)(a). Client shall fully cooperate, at its sole cost and expense, with MAE and take all necessary and appropriate actions to qualify MAE (and the MAE Parties) for and defend its and their right of sovereign immunity as an agent of the Client for purposes of Florida law, including without limitation under Florida Statute §768.28.

MAE Employees: Client agrees not to recruit or hire any MAE employee currently or previously working under this Agreement during the contract period or within twelve months of termination of the contract, either for themselves or any third party. In the event Client violates this clause, MAE shall have the right of injunctive relief, and Client shall pay MAE \$25,000 or 25% (percent) of the employee's current annual base salary, whichever is greater, with payment being made within 15 days of MAE's written notice to Client of said violation.



August 19, 2025

Samantha Alix

MOTT-MACDONALD

4600 Touchton Road, Bldg 200, Suite 250

Jacksonville, Florida. 32246

RE: Surveying services on JEA Wildlight RW Storage and Repump Project

Dear Samantha

Pursuant to your request and on behalf of the firm, we are pleased to submit our proposal for our services on the above referenced project. We are confident that our survey product will be an asset to your design activities. Based on our Email conversations, a review of our records and a personal walk over of the site, we are pleased to offer the following scope of work and fee proposal for your review and approval:

SCOPE OF SERVICE:

1. Topographical survey on service road leading to site
2. Topographical survey on project site. (see attached sub proposal)
3. Verification of Boundary survey.
4. Location of wetlands area within the service road and project site.

Note: Topographical survey will be performed by ETM using Lidar technology.

Horizontal datum shall be referenced to State Plane Coordinates (NAD 83/2011) for the State of Florida East Zone. Vertical datum shall be referenced to NAVD 1988.

Final deliverables shall be four (4) signed and sealed prints, and an electronic drawing file. Additional sealed copies may be furnished at a nominal charge, if requested. We are ready to begin our services immediately upon receipt of Notification to Proceed. Estimated fees will not be exceeded without prior written authorization from the CLIENT. Please allow **30 to 60** days from notice to proceed for preliminary delivery of the Topographic survey.

This scope of work is for a "one time" performance of the services as outlined herein; any survey points that are destroyed or lost due to construction activities, vandalism, acts of God, etc. that require replacement shall be replaced at CLIENT's expense and upon your authorization. Should the scope of work be changed by CLIENT either in writing or verbally, CLIENT agrees to pay Smith Survey Group for any additional work involved in said changes at our Standard Billing Rates, unless a supplemental contract is agreed to and executed by both parties prior to the commencement of the changes. In the event all or a portion of the work prepared or partially prepared by our firm be suspended, abandoned, or terminated by CLIENT or others, CLIENT shall pay Smith Survey Group for all fees, charges and services provided for the project, not exceeding any contractual limits specified herein.

Smith Survey Group will not be liable for damages resulting from the actions or inactions of any regulatory or governmental agencies, and shall only act as an advisor on behalf of CLIENT in all governmental relations. All original papers, documents and all work product and copies thereof, produced as a result of or incidental to this contract shall remain the property of Smith Survey Group. CLIENT agrees to grant us the right to assign without notice this agreement or any part thereof as we shall deem necessary for the completion of this project. We agree not to unreasonably damage the subject property, but CLIENT agrees to grant Smith Survey Group the right to cut bushes and trees and to remove other objects interfering with our work as necessary in the performance of our work.

CLIENT further agrees that the standard of care for Smith Survey Group performance under this contract shall be the ordinary and reasonable duty and care associated with this type of work in the community of Jacksonville, Florida and that the proper venue for litigation of any cause of action hereto shall be that court of jurisdiction in Jacksonville, Florida. Should litigation be necessary to enforce any term of this agreement or any cause of action related thereto, then all litigation and collection expenses, witness fees, court costs and reasonable attorney's fees for Smith Survey Group shall be paid by the addressee. It is further understood and agreed that this contract is between Smith Surveying Group LLC. and the addressee only, and payment to Smith Survey Group shall not be contingent on payment(s) from a third party.

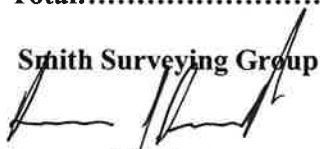
This agreement supersedes any prior agreement, either expressed or implied, between the parties and that the terms and conditions stated herein constitute the full and complete agreement between the parties and no change or amendment thereof shall be effective except as agreed to in writing by both parties. If the above conditions are acceptable to CLIENT, please indicate your acknowledgment and agreement by executing this proposal in the space provided below.

Once again, we appreciate this opportunity to submit this proposal to you and we look forward to hearing from you in the near future. If you have any questions, please do not hesitate to call me personally.

Survey Fee:

Lidar by ETM(see attached).....	\$34,100.00
SSG Administration of ETM.....	\$4,092.00
Verification of Vertical Accuracies.....	\$3,500.00
Boundary Verification	\$5,600.00
Wetlands location.....	\$1.70 per foot estimated
Total.....	\$47,292.00 (plus wetlands.)

Smith Surveying Group



Thomas Smith, President

Accepted By: _____
Printed Name: _____
Date: _____



July 29, 2025

Smith Surveying Group
Thomas Smith
9770 Baymeadows Rd
Suite 125
Jacksonville, Florida 32256
United States
904.260.6300
tjs@smithsurvey.net

**RE: Wildlight JEA DSAP Reuse
Project No: S0025.33200**

Dear Thomas Smith,

Pursuant to your request, ETM Surveying & Mapping, Inc. ("ETM-SMI") is pleased to submit a fee proposal for Aerial Topographic services for the proposed project located in Yulee, Florida. Our proposed scope of services and fee schedule are as follows:

Task 1 - Aerial Topographic Survey Data Acquisition (Developable Uplands Only)

Prepare a topographic survey for design purposes for the site depicted on the aerial below. The topographic survey data to be collected will be displayed in 25-foot grid lines measured at 25-foot intervals or at any major change of topography. The area of coverage will extend 25 feet beyond the boundary lines where possible. The surveyed data will be referenced to published horizontal and vertical datums which will be established by RTK GPS for the horizontal control and differential leveling for the vertical control. The location and mapping of improvements and utilities will be limited to above ground visible evidence only.

Our staff of FAA licensed pilots, using a Riegl VUX-1 UAV LiDAR sensor onboard a Harris H6 Drone, will provide aerial acquisition of existing topography consisting of LiDAR and imagery for the parcels depicted on attached aerial. Data extraction techniques will be used to create a topographic survey from the aerial remote sensing data. Conventional survey to fill in any obscure areas within the parcels are not included in this scope of services.

ETM Survey will establish horizontal and vertical site control and setting/maintaining aerial targets. All project control and aerial control points shall be surveyed using RTK GPS with tolerances sufficient to validate project specifications. Vertical control will be established via differential leveling techniques and consistent with National Geodetic Survey 3rd order procedures.

ETM Survey perform the data acquisition (flight) for capturing LiDAR and photogrammetric imagery and the processing and calibration of the LiDAR and photogrammetric imagery to the project control. Deliverables will include the calibrated (non-classified) point cloud.

ETM Survey will also provide the ortho imagery at 0.25' resolution. We will generate an orthorectified image that will be georeferenced to the topographic map and be compatible with AutoCAD or MicroStation CAD formats.

The purpose of this topographic survey is to map the roadways, housing, unimproved lands and related above ground features within the identified project area. All geospatial tasks will be performed in accordance with the current Standards of Practice for Surveying and Mapping in the State of Florida.

All horizontal control shall be referenced to the appropriate State Plane Coordinate System in NAD 83(2011), all vertical control shall be referenced to NAVD88, or as specified by client.

The LiDAR data shall be integrated with our Applanix APX20 Inertial Measuring Unit and GPS to provide the highest degree of positional and orientation accuracy needed for modeling.

The accuracy analysis of Aerial LiDAR point cloud data shall conform to the NSSDA requirements for geospatial



data classification as published by the FGDC in document FGDC-STD-007.3-1998 titled Geospatial Positioning Accuracy Standards Part 3: National Standard for Spatial Data Accuracy.

A minimum of thirty independent horizontal and vertical check points shall be tested, distributed to reflect the geographic area of interest and the distribution of error in the data sets. The surveyed project validation points will serve as the required horizontal and vertical check points. The resulting comparisons shall meet or surpass the positional accuracy requirements for the survey at the 95% confidence level based on the NSSDA and shall be included in the Survey Report.

ETM Surveying & Mapping will extract planimetric features from a LiDAR generated point cloud and/or controlled imagery using our extraction software. Detailed 3D lines and features will be extracted to allow the creation of topographic/planimetric surveys and accurate digital terrain models. Georeferenced imagery will be used in conjunction with the point cloud information to assist in the planimetric mapping.

Project deliverables will be a calibrated (non-classified) point cloud, a CAD file of the topographic survey with a DTM, suitable for plotting at 1" = 50' scale, digital copy only. Color orthophotography in an ECW file format or similar that is georeferenced to the CAD file. A Professional Surveyor & Mapper report certifying the acquisition and processing standards of the data and the processes and procedures used for the completion of this project.

Please note: Weather conditions and access to airspace can affect acquisition schedules. Also please note that any required Conventional surveying needed to fill in any obscure areas within the parcels are not included in this scope of services. This conventional work will be considered additional services billable at our hourly rates.

Lump Sum Fee **\$20,000.00**

Task 2 - Obscure Area Topographic Survey

Provide topographic data within areas to be determined by the engineer of record within the wetlands and/or obscure areas to aid in engineering design. The topographic data to be collected will be surveyed in 100-foot grid lines measured at 100-foot intervals or at any change of topography. The surveyed data will be referenced to a published horizontal and vertical datum. The location and mapping of improvements and utilities will be limited to above ground visible evidence only. The deliverables will consist of digital data files of the survey suitable for civil engineering design.

Lump Sum Fee **\$6,600.00**

Task 3 - Vertical Site Control

Establish vertical control points for the project area referenced above. The surveyed data will be referenced to published vertical datum.

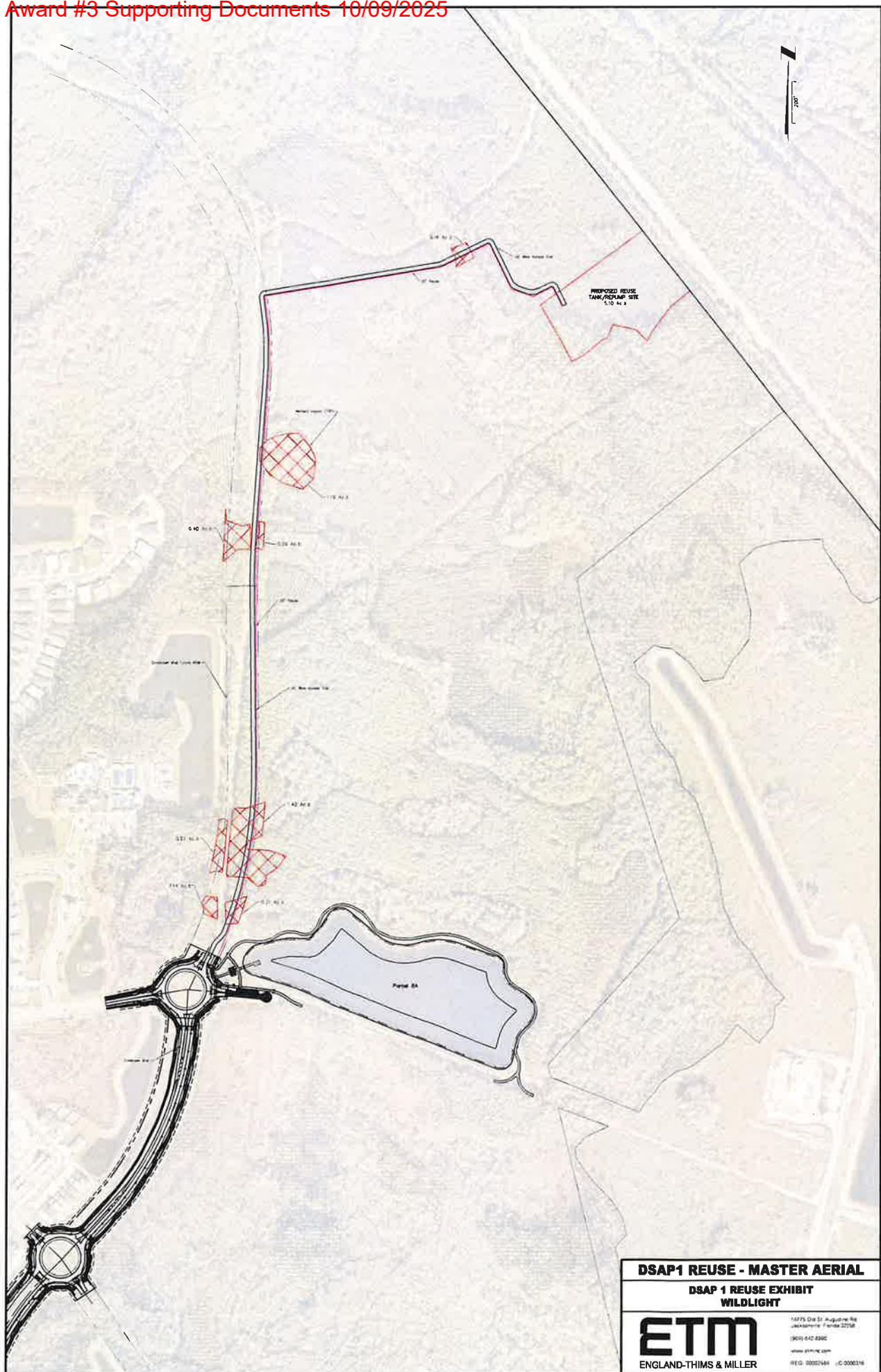
Lump Sum Fee **\$7,500.00**

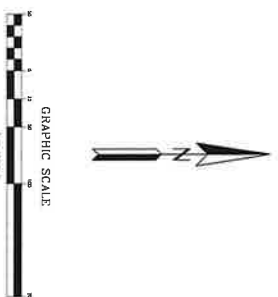
TASK SUMMARY

Task - Description		Hourly Fee	Lump Sum Fee
1	Aerial Topographic Survey Data Acquisition (Developable Uplands Only)		\$20,000.00
2	Obscure Area Topographic Survey		\$6,600.00
3	Vertical Site Control		\$7,500.00
SUBTOTAL			\$34,100.00
TOTAL FEE SUMMARY		\$34,100.00	

EXPENSES

Costs such as printing, delivery service, mileage, and travel shall be invoiced at direct costs plus 15%. Fees outlined hereon are valid for a period of 90 days from the above referenced date.



[illegible]

LEADS NO:	CONCRETE MONUMENT FOUND	ADDITIONAL INFO	CM
1	FROM PERC AND CUP	ADDITIONAL INFO	FIND
2	LOCAL BUSINESS	FROM PERC AND CUP	10
3	FIELD MEASURED DATA	LOCAL BUSINESS	10
4	OFFICIAL RECORDS BOOK	FIELD MEASURED DATA	10
5	POINT OF ORIGIN/TYPE	OFFICIAL RECORDS BOOK	10
6	DATE OF RECORD	POINT OF ORIGIN/TYPE	10
7	REBAR AND CUP	DATE OF RECORD	10
8	REAL ESTATE MAJOR	REBAR AND CUP	10
9		REAL ESTATE MAJOR	10



ETM

SURVEYING & MAPPING

14175 26th Avenue SW
Burien, WA 98148-3471
(206) 835-1411
www.etm.com

**Trusted
Advisors,
Creating
Community.**

MS 100 has been a revolutionary resource for the surveying and mapping industry for over 20 years. Now, with the addition of the new MS 100i, we have taken the industry to the next level. MS 100i is the first electronic surveying and mapping software to be approved by the National Society of Professional Surveyors (NSPS) for use in the field. MS 100i is the first electronic surveying and mapping software to be approved by the National Society of Professional Surveyors (NSPS) for use in the field. MS 100i is the first electronic surveying and mapping software to be approved by the National Society of Professional Surveyors (NSPS) for use in the field.

PRELIMINARY 7/1/2025

DATE 7/1/2025

PROFESSOR [Name]
STATE OF [State] 15th year



August 25, 2025

Via Email: samantha.hanke@mottmac.com

Samantha Alix
Mott MacDonald
10245 Centurion Parkway North
Suite 320
Jacksonville FL 32256

Reference: Proposal for JEA Wildlight Reclaimed Water GST and Repump Project
Yulee, Nassau County, Florida

Dear Ms. Alix:

Alpha Environmental Consultants, Inc (AEC) is pleased to submit this proposal to provide environmental services for the above-referenced project.

PROJECT INFORMATION

It is our understanding that Mott MacDonald has been selected by JEA to provide engineering services for the Wildlight Reclaimed Water GST and Repump Project located in Nassau County, Florida. The project will consist of one 2.0 Mgal Aboveground Storage Tank (AST) to be located at a 5.10-acre site and a 40-foot wide easement of approximately one mile long (Attachment).

PROPOSED SCOPE OF SERVICES

TASK 1 – Preliminary Listed Species Assessment

AEC will assess and document on-site habitats within the project site and perform a preliminary survey of faunal species listed as endangered, threatened, or special concern (listed species). Prior to fieldwork, AEC will perform a review of GIS databases, including the Florida Natural Areas Inventory (FNAI) biodiversity matrix, the Florida Fish and Wildlife Conservation Commission (FWC) Bald Eagle Nest data, and the U.S. Fish and Wildlife (FWS) Information for Planning and Consultation resource list. Listed species known occurrences and potential suitable habitats will be documented and mapped. The fieldwork effort will consist of assessing and documenting the occurrence or potential occurrence of listed species within the project site. The report of data findings will include observed data, an analysis of documented listed species and potential listed species occurrence as high, medium, or low probability for occurring within the project site and close vicinity.

TASK 2 – Phase I Cultural Resource Assessment Survey

AEC will conduct cultural and historical resource investigation in the project areas to determine if archaeological and historical resources are present. Prior to field work, AEC will perform a required A Township, Range and Section (TRS) search from the Florida Master Site File (FMSF) to determine if any archaeological and historical sites have been recorded in the project area. During the fieldwork, the project area will be tested for the presence or

absence of cultural resources. Archaeological shovel tests (excavations) and remote sensing (metal detectors) will be employed. Open areas, such as powerline easements, will be tested using an established linear grid. The comprehensive Phase I Cultural Resource Assessment Survey (CRAS) will satisfy the requirements of local, state, and federal permitting agencies, including the Seminole Tribe of Florida, if applicable.

Upon completion of our archaeological investigations, AEC will issue a Phase I CRAS to summarize findings of the archaeological investigation and provide recommendations regarding the mitigation of impact or preservation of sites, if found.

TASK 3 – FDEP Individual Environmental Resource Permit

AEC will assist the Client with responding to environmental- and wetland-related concerns for the Individual ERP application for submittal to FDEP. The individual ERP may include a pre-application meeting with the agency conducted either in person or virtually, Uniform Mitigation Assessment Method (UMAM) evaluation of wetland impacts, one on-site review with FDEP, elimination/reduction analysis, and mitigation plan, if needed¹. The permitting process is expected to take 4 to 6 months. For cost estimate purposes, FDEP permit fee of \$ 5,610.00 is included.

TASK 4 – Army Corps of Engineers - 404 Standard Permit

AEC will submit necessary information to Army Corps of Engineers (USACE) to procure a 404 Standard Permit to address ACOE-404 impact areas. This task also includes a pre-application meeting with the agency conducted either in person or virtually, UMAM evaluation of wetland impacts, one on-site review with USACE, alternatives analysis, and mitigation plan, if needed.¹ The permitting process is expected to take 6 – 9 months.

TASK 5 – Mitigation Coordination

Once the amount of FDEP/ACOE UMAM credits are determined during TASK 4 and 5, AEC will coordinate the purchase of credits from a State- and Federally-approved mitigation bank. The UMAM credit price is subject to change due to market conditions. All credit fees will be paid by the applicant.

TASK 6 – Stormwater Pollution Prevention Plan

AEC will prepare a Stormwater Pollution Prevention (SWPP) Plan which includes: Site Information, Contact Information/Responsible Parties, Sequence of Construction Activity, Receiving Waters, Site Features and Sensitive Areas to be Protected, Drawings, Erosion Control Plan, and Best Management Practices.

COST ESTIMATE/PROJECT SCHEDULE

We are prepared to initiate project activities immediately upon your written authorization. Based on the scope of services outlined above, we propose to provide the consulting services for the following lump sum fees.

- | | |
|--------------------------------------|--------------------|
| • Task 1 – Listed Species Assessment | \$9,608.00 |
| • Task 2 – Phase I CRAS | \$23,640.00 |

¹The FDEP/ACOE-404 Mitigation Plan includes text, exhibits, and calculations for proposed wetland impacts and mitigation.

• Task 3 – ERP (permit fee \$ 5,610.00 included)	\$15,290.00
• Task 4 – USACE 404 Permit	\$9,320.00
• Task 5 – Mitigation Coordination(credit fee excluded)	\$2,070.00
• Task 6 – SWPP Plan	\$4,700.00

Total \$64,628.00

We will progress invoice for our services on monthly basis. Payment terms on invoices are Net 30 days.

LIMITATIONS

The proposed scope of work and fees include only services explicit herein.

We appreciate the opportunity to provide this proposal to perform the environmental consulting services for this project. If you have any questions concerning this proposal, or if we can serve you in any other way, please contact the undersigned.

Sincerely,

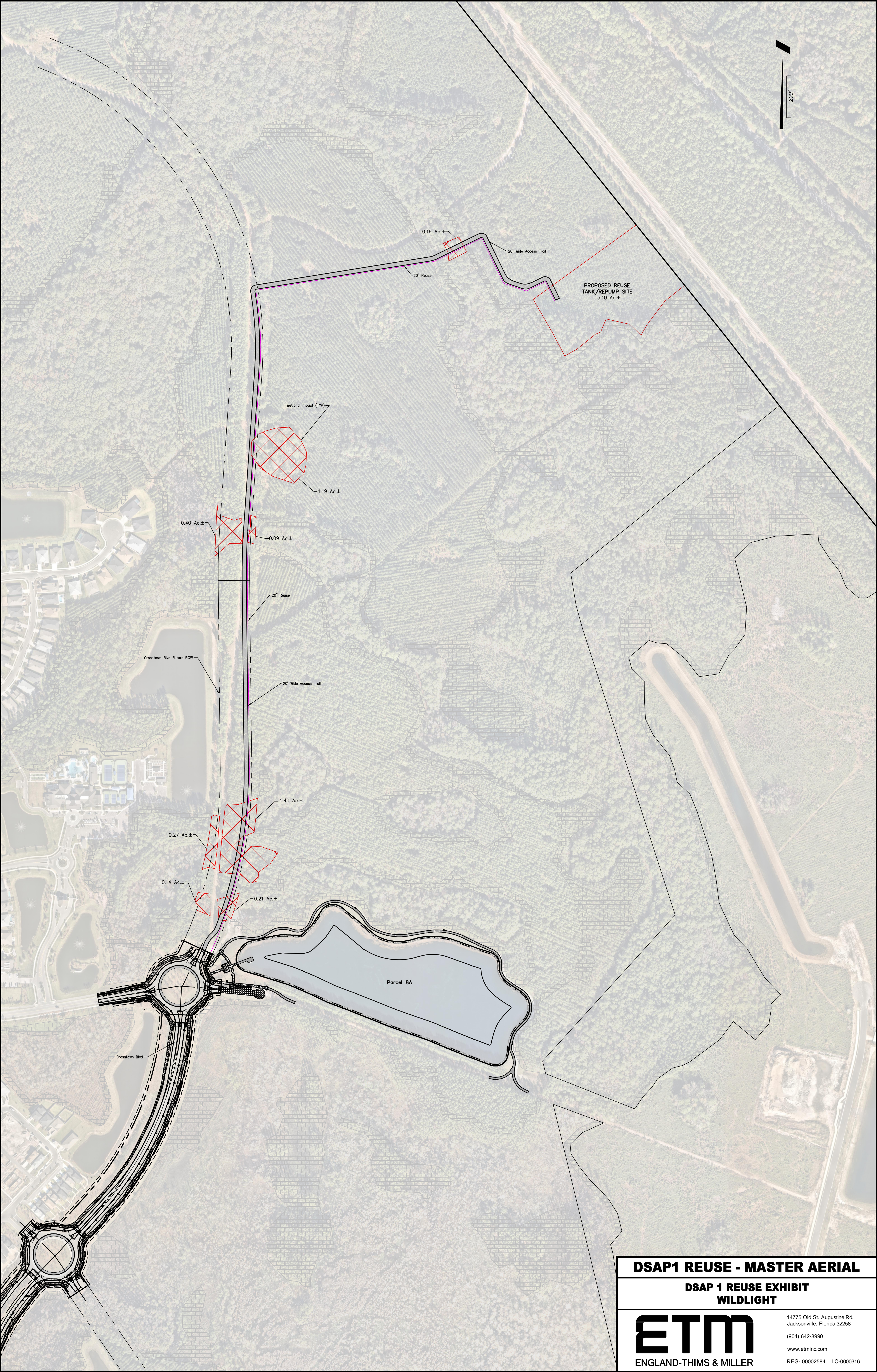
Alpha Envirotech Consulting, Inc.



Amy Y. Fu, P.E.
Principal

Attachments

FEE SUMMARY				
PART I - GENERAL				
1. Project: JEA Wildlight Reclaimed Water GST and Repump Project			2. Proposal No. / Contract No. 25077- Total	
3. Name of Consultant Alpha Envirotech Consulting, Inc.			4. Date of Proposal 08/25/25	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal (Partner or Senior Officer)	\$ 250.00	34	\$ 8,500.00	8,500.00
Project Manager (Responsible Professional)	\$ 200.00	0	\$ 0.00	0.00
Senior Engineer / Geologist / Scientist	\$ 180.00	130	\$ 23,400.00	23,400.00
GIS Specialist	\$ 155.00	16	\$ 2,480.00	2,480.00
Engineer / Geologist / Scientist / Inspector	\$ 150.00	146	\$ 21,900.00	21,900.00
Drafter or CAD Operator	\$ 80.00	4	\$ 320.00	320.00
Administrative Specialist	\$ 65.00	26	\$ 1,690.00	1,690.00
TOTAL DIRECT LABOR	\$163.74	356		\$ 58,290.00
PART III - OTHER COSTS				
6. Miscellaneous Direct Costs				
Transportation & Shipping	80 mile x 20 round trip at 0.70/mi		\$ 728.00	
Other			\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ 728.00
7. SUBCONTRACTS (Lump Sum)				
			\$ 0.00	
			\$	
SUB-CONTRACT SUB-TOTAL				\$ -
8. Reimbursable Expenses				
FDEP Permit Fee			\$ 5,610.00	
			\$ 0.00	
REIMBURSABLE DIRECT COSTS SUB-TOTAL				\$ 5,610.00
PART IV - SUMMARY				
7. TOTAL AMOUNT (Items 5,6,7, and 8)				\$ 64,628.00
11. CONTRACT AMOUNT				\$ 64,628.00



DSAP1 REUSE - MASTER AERIAL

**DSAP 1 REUSE EXHIBIT
WILDLIGHT**

ETM
ENGLAND-THIMS & MILLER

14775 Old St. Augustine Rd.
Jacksonville, Florida 32258
(904) 642-8990
www.etmnc.com
REG- 00002584 LC-0000316



DSAP1 REUSE - OPTION 1 AERIAL

**DSAP 1 REUSE EXHIBIT
WILDLIGHT**

ETM
ENGLAND-THIMS & MILLER

14775 Old St. Augustine Rd.
Jacksonville, Florida 32258
(904) 642-8990
www.etmnc.com
REG- 00002584 LC-0000316

September 4, 2025

Mr. Billy Perry, PE
Principle Engineer
Mott MacDonald
4600 Touchton Rd , Bldg 200, Suite 250
Jacksonville, FL 32256

*RE: Wildlight Reclaimed Water Storage and Repump project
Site Civil Design and Access Road, Engineering Documents and Permitting
ETM No.: 25-075*

Dear Mr. Perry,

England-Thims & Miller, Inc. (ETM) is pleased to submit this proposal for professional services for site civil and access road engineering tasks for the JEA Wildlight Reclaimed Water (RW) Storage and Repump project. We have separated this proposal into specific tasks required to support Mott MacDonald for this project. The overall proposed scope of work is outlined below:

1. Conceptual Site Analysis and Pipe Routing

The RW Storage Facility site provided by JEA is in a unique location approximately one mile from the existing JEA reclaimed water main pipeline that will feed this facility. Additionally, the site location is not adjacent to any existing ROW or roads and will require multiple wetland crossings. It is proposed that initial work be performed on a T&M basis to vet out numerous unknowns to provide for a better basis of design. This effort will result in clarity for JEA of the design proposal. ETM will perform research and document review of existing site conditions, permitting constraints, site access analysis including trail road suitability, easement/right-of-use terms, future development timing, Raydient/Wildlight wetland permits, Army Corps of Engineers permits, and potential FEMA floodplain identification and issues, and potential wetland/drainage crossings of the future road to facilitate JEA access to the RW storage facility. This item is to capture the above type costs that are anticipated to be encountered in due diligence efforts for site analysis. The below amount is to provide a billing category placeholder and may need to be adjusted based on level of effort required through discussion with Mott MacDonald. Mott MacDonald has included a similar scope category in their prime contract with JEA.

Not-To-Exceed Fee.....\$10,000.00

2. Site Civil Design Project Management:

ETM will perform project management of the site civil design, engineering and permitting tasks required by Mott MacDonald for the reclaimed water storage facility. These tasks are as follows:

- Management of ETM staff and subconsultants
- Coordination with Mott MacDonald/JEA/Nassau County/Raydient/SJRWMD



Re: Wildlight Reclaimed Water Storage and Repump Facility Site Civil and Access Road Design, Engineering & Permitting; 25-075

- Coordination with Raydient's environmental consultants regarding wetlands and FEMA floodplain management.
- Validate Buffer requirements and height restrictions
- On and Off-Site Infrastructure review
- Raydient timbering coordination of existing trees
- Attend the project kickoff meeting with JEA for this project.
- Prepare for and attend ten 1-hour virtual progress meetings.
- Site visits (6 total, 3 during design, 3 during construction).
- Attend six 1-hour client design review meetings (virtual).
- Attend five 1-hour design review meetings with Mott MacDonald.
- Quality Assurance reviews prior to submittals
- Perform monthly invoicing
- Attend punch list walkthroughs (2) and substantial completion walkthrough (1).
- Coordinate with other Mott MacDonald or JEA consultants assisting with related tasks for geotechnical and environmental tasks

Lump Sum Fee.....\$40,000.00**3. Topographic Survey and Site Related SUE Investigation**

ETM will coordinate with Smith Surveying Group, under separate contract with Mott MacDonald, efforts to perform topographical survey work of the project site depicted in the JEA provided ETM boundary survey and proposed access road. It is anticipated that the topographic survey data provided will be collected in 50-foot grid lines measured at 50-foot intervals or at any major change of topography. The area of coverage will extend 100 feet beyond the boundary lines where possible. The surveyed data will be referenced to published horizontal and vertical datums which will be established by RTK GPS for the horizontal control and differential leveling for the vertical control. ETM will coordinate with Smith Surveying Group to pick up any existing stormwater management facility outfall locations and elevations (if in the project area and if necessary) and request they pick up the proposed stormwater management facility outfall location along the wetland line with sufficient detail to support the mass grading and permitting efforts.

Utility companies will be contacted to request their knowledge of underground utilities in the area, obtain as-builts and perform visual site inspection. Perform Utility Designation of existing utilities at reuse main connection point (Level D). If required, perform VVHs as needed to determine connection location and depth.

Lump Sum Fee.....\$5,000.00**3. Access Road Design from Crosstown Blvd to RW Storage Facility Site**

ETM will prepare plans for a stabilized access road connecting the RW Storage Facility parcel to the existing roundabout at Crosstown Blvd. This access road will be entirely within Raydient owned land in a planned future right-of-way (ROW). ETM will assist JEA in obtaining and coordinating with Raydient to develop an agreement with Raydient for use of the future ROW. We anticipate utilization of some of the existing trail road and we will indicate the necessary improvements for the anticipated

Re: Wildlight Reclaimed Water Storage and Repump Facility Site Civil and Access Road Design, Engineering & Permitting; 25-075

use to place two parallel RW pipelines and a drivable access road to the RW Storage Facility. The plans will detail the access points and trail road modifications and improvements including the drainage crossings. ETM will review existing constructed stormwater facilities for access road drainage considerations. No maintenance of traffic plans are anticipated except at the access location at Crosstown Blvd.

In conjunction with the access road design, ETM will design the two parallel RW pipes from the existing stub located at the Crosstown Blvd. roundabout. The pipeline design will take into account future roadway plans (two-lane and four-lane) and potential roadway grades utilizing previously approved layout concepts constructed in other areas of Wildlight. Close coordination with ETM's Land Development staff to mitigate future conflicts is included in this task.

Lump Sum Fee\$50,000.00

4. Stormwater Management Facility Permitting (RW Facility)

ETM will prepare a mass grading plan at 1-foot contours for the approximately 5-acre parcel. This grading plan will be created to support permitting with Nassau County and SJRWMD. The plans will depict existing and proposed drainage patterns, sediment and erosion control measures and a stormwater pollution prevention plan. Based on the mass grading plan, access road drainage, and proposed stormwater management facility (wet detention pond) location, ETM will conduct hydrologic and hydraulic modeling to define drainage basin boundaries, perform pond stage analysis, and develop a schematic conveyance analysis for stormwater routing in accordance with SJRWMD and Nassau County requirements for stormwater attenuation and treatment. The determined pond high water levels and seasonal high groundwater elevations will guide the mass grading plan to ensure the site is filled to the required pad elevation for the reclaimed water storage facility. ETM will prepare all permit applications, exhibits, and tables necessary for the ERP application and will coordinate its processing. This task also includes meetings and negotiations with SJRWMD staff, engineering subconsultants (environmental, geotechnical and survey as needed), and responses to requests for additional information from SJRWMD staff. *Note: wetland delineation/permitting is by others.*

Lump Sum Fee\$10,000.00

5. Nassau County Permitting

ETM will prepare and submit Nassau County permit documents necessary to permit the mass grading and stormwater management facility for the entire WTP site and access/service road corridors. This task will utilize the mass grading and master drainage plans provided in earlier tasks. ETM will prepare all permit applications, exhibits, and tables necessary for the permit application and will coordinate its processing. This task also includes meetings and negotiations with Nassau County staff, the engineering subconsultants (environmental and geotechnical) and project surveyor, and responses to requests for additional information from Nassau County staff.

Lump Sum Fee\$7,500.00

Re: Wildlight Reclaimed Water Storage and Repump Facility Site Civil and Access Road Design, Engineering & Permitting; 25-075

6. Site Specific Civil Design Drawings

ETM will perform design and engineering to prepare site civil drawings for improvements to the site compatible with the conceptual layout provided by Mott MacDonald. Drawings to support SJRWMD permitting will be prepared under this task. ETM anticipates providing submittals consistent with Mott MacDonald's final scope and schedule for agreed to project review points (30/60/90%). ETM anticipates the preparation of the drawings listed below following Mott MacDonald's CAD Standards, other plan sheets may be required upon further scope development and site conditions:

Civil	GENERAL NOTES AND LEGEND
Civil	MASTER SITE PLAN
Civil	SITE PLAN AND ACCESS ROADWAY HORIZONTAL CONTROL I
Civil	PRE-DEVELOPMENT PLAN
Civil	POST DEVELOPMENT PLAN
Civil	PAVING, GRADING AND DRAINAGE PLANS
Civil	ACCESS ROAD PLAN AND PROFILE
Civil	ENTRANCE ROAD AND ACCESS DRIVEWAY
Civil	ENTRANCE ROAD AND ACCESS DRIVEWAY SECTIONS
Civil	PAVING, GRADING AND DRAINAGE PLAN
Civil	DETAILS

Lump Sum Fee **\$62,000.00**

8. Expenses

Expenses such as printing, delivery service, mileage, and travel shall be invoiced per the Contract terms. This includes the Nassau County submittal fee and SJRWMD ERP submittal fee, all other permit and/or application fees are not included.

Not to Exceed Fee **\$15,000.00**

Fee Summary

Part	Description	Fee
1	<i>Conceptual Site Analysis & Pipe Routing</i>	\$10,000.00
2	Project Management	\$40,000.00
3.	Topographic Survey and Site Related SUE Investigation	\$5,000.00
4	Access Road Schematic Plan and Detailed Design	\$50,000.00
5	Stormwater Management Facility Permitting	\$10,000.00
6	Nassau County Permitting	\$7,500.00
7	Site Specific Drawings	\$62,000.00
8	<i>Expenses</i>	\$15,000.00
	TOTAL FEE SUMMARY	\$199,500.00

Note Italicized items above are Not-To-Exceed amounts

Re: Wildlight Reclaimed Water Storage and Repump Facility Site Civil and Access Road Design, Engineering & Permitting; 25-075

ITEMS NOT INCLUDED

The exclusions below are listed primarily to define the scope of this project. Should any of these services be required, we will be pleased to provide you with a quotation to perform them.

- Administrative Hearings
- Architectural Design
- As-Built Surveys
- Bid Document Preparation (except Site Civil)
- Bidding Administration
- Borrow Pit Permitting
- Building Permit Review Coordination
- Entitlements
- Contract Administration
- DEP Groundwater Discharge Permit
- Dewatering Design
- Geotechnical Investigation (By MM)
- Boundary Survey (provided by JEA)
- Tree survey
- Permitting/Application Fees
- Jurisdictional Wetland Delineation
- Groundwater Modeling
- Mitigation Area Design
- Land Use Planning
- Cost Estimates
- Large Scale Site Redesigns
- Offsite Drainage Modeling
- Permit Compliance
- ROW Utility Engineering
- Buffer Enhancement Planting Design
- Wetland Drawdown Analysis
- Phase I Environmental Assessment
- Topo Survey (by others)
- Floodplain Analysis and modelling
- Grant Support Services

If you are in agreement with this proposal, please issue a purchase order for \$199,500.00 at your earliest convenience.

If you should have any questions or require additional information, please call. Thank you for this opportunity to be of professional service.

Sincerely,

ENGLAND-THIMS & MILLER, INC.



Robert J Kermitz
Vice President

cc:
Ann Newland – ETM

Award #4 Supporting Documents 10/09/2025

1411928848 General Engineering Services for Pipeline Projects

Firms	Points			Total Score
	Justin Sencer	Beth DiMeo	Erin Hilton-Jones	
ALMOND ENGINEERING PA	73.50	72.75	80.75	227.00
ARCADIS U.S. INC.	64.50	63.50	68.75	196.75
ARDURRA GROUP, INC.	61.75	72.25	59.00	193.00
BARGE DESIGN SOLUTIONS, INC.	53.75	52.25	56.25	162.25
BLACK & VEATCH CORPORATION	55.75	69.75	56.00	181.50
CAROLLO ENGINEERS, INC.	59.25	64.00	58.50	181.75
CDM SMITH INC	55.25	83.00	76.25	214.50
CES CONSULTANTS, INC.	64.75	61.75	57.00	183.50
CHEN MOORE AND ASSOCIATES INC	69.50	65.00	42.00	176.50
CIVILSURV DESIGN GROUP, INC.	51.25	54.00	41.00	146.25
CONSTRUCTION AND ENGINEERING SERVIC	62.75	85.50	61.50	209.75
CPH CONSULTING, LLC	65.25	70.75	74.00	210.00
DEWBERRY ENGINEERS INC.	55.00	65.75	61.50	182.25
EISMAN & RUSSO, INC.	51.50	58.50	59.50	169.50
ENGINEERING DESIGN TECHNOLOGIES, INC	65.00	59.00	44.75	168.75
ENGLAND, THIMS, & MILLER, INC.	65.50	85.75	75.25	226.50
FOUR WATERS ENGINEERING INC	72.75	83.75	90.50	247.00
GAI CONSULTANTS, INC.	72.50	70.50	67.25	210.25
JACOBS ENGINEERING GROUP INC	58.75	86.00	86.00	230.75
JONES EDMUNDS & ASSOCIATES, INC.	67.00	77.00	74.00	218.00
KIMLEY-HORN AND ASSOCIATES	65.75	56.75	62.00	184.50
MATTHEWS DESIGN GROUP, LLC (DCCM No	57.75	67.25	52.00	177.00
MCKIM & CREED, INC.	64.25	63.50	77.00	204.75
MOTT MACDONALD FLORIDA, LLC	54.00	61.75	69.00	184.75
OSIRIS 9 CONSULTING LLC	59.75	64.50	58.50	182.75
STANTEC CONSULTING SERVICES INC.	62.25	59.50	55.50	177.25
TETRA TECH INC	60.25	86.50	75.25	222.00
THE HASKELL COMPANY	38.25	43.25	29.00	110.50
WESTON & SAMPSON ENGINEERS, INC.	52.50	57.25	41.50	151.25
WOOLPERT, INC.	60.00	63.25	57.00	180.25
WRIGHT-PIERCE INC	61.25	67.00	64.00	192.25

Sorted by Points			
Firms	Points	Rank	Small Dia Only
FOUR WATERS ENGINEERING INC	247.00	1	
JACOBS ENGINEERING GROUP INC	230.75	2	
ALMOND ENGINEERING PA	227.00	3	Yes
ENGLAND, THIMS, & MILLER, INC.	226.50	4	
TETRA TECH INC	222.00	5	
JONES EDMUNDS & ASSOCIATES, INC.	218.00	6	
CDM SMITH INC	214.50	7	
GAI CONSULTANTS, INC.	210.25	8	Yes
CPH CONSULTING, LLC	210.00	9	
CONSTRUCTION AND ENGINEERING SERVIC	209.75	10	Yes
MCKIM & CREED, INC.	204.75	11	
ARCADIS U.S. INC.	196.75	12	
ARDURRA GROUP, INC.	193.00	13	
WRIGHT-PIERCE INC	192.25	14	
MOTT MACDONALD FLORIDA, LLC	184.75	15	
KIMLEY-HORN AND ASSOCIATES	184.50	16	
CES CONSULTANTS, INC.	183.50	17	
OSIRIS 9 CONSULTING LLC	182.75	18	Yes
DEWBERRY ENGINEERS INC.	182.25	19	
CAROLLO ENGINEERS, INC.	181.75	20	
BLACK & VEATCH CORPORATION	181.50	21	
WOOLPERT, INC.	180.25	22	
STANTEC CONSULTING SERVICES INC.	177.25	23	
MATTHEWS DESIGN GROUP, LLC (DCCM No	177.00	24	
CHEN MOORE AND ASSOCIATES INC	176.50	25	
EISMAN & RUSSO, INC.	169.50	26	Yes
ENGINEERING DESIGN TECHNOLOGIES, INC	168.75	27	Yes
BARGE DESIGN SOLUTIONS, INC.	162.25	28	
WESTON & SAMPSON ENGINEERS, INC.	151.25	29	
CIVILSURV DESIGN GROUP, INC.	146.25	30	Yes
THE HASKELL COMPANY	110.50	31	

**1411928848 General Engineering Services for Pipeline Projects
Supplier Contact Information**

Company Name: **Four Waters Engineering Inc**

Authorize Officer of Company or Agent: Angela Bryan, PE, LEED AP President, Project Manager

Business Address: 324 6th Avenue North

City, State, Zip Code: Jacksonville, FL 32250

Business Telephone: 904-414-2400

Fax: N/A

Mobile: 904-414-2400

Email: abryan@4weng.com

Company Name: **Jacobs Engineering Group Inc.**

Authorize Officer of Company or Agent: David Ashman, Vice President

Business Address: 701 San Marco Blvd, Suite 810

City, State, Zip Code: Jacksonville, Florida, 32207

Business Telephone: 407-404-4199

Fax: 904-636-5433

Email Of Contact: david.ashman@jacobs.com

Contact Telephone: 407-404-4199

Company Name: **Almond Engineering, PA**

Authorize Officer of Company or Agent: Hillary Almond, PE - CEO

Business Address: 6279 Dupont Station Ct.

City, State, Zip Code: Jacksonville, FL 32217

Business Telephone: 904-306-0162

Fax: N/A

Email Of Contact: HAlmond@almondengineering.com

Contact Telephone: 904-306-0162

Company Name: **England, Thims & Miller, Inc.**

Authorize Officer of Company or Agent: Robert Kermitz / Vice President

Business Address: 14775 Old St. Augustine Road

City, State, Zip Code: Jacksonville, Florida 32258

Business Telephone: (904) 642-8990

Fax: (904) 646-9485

Email Of Contact: KermitzR@etminc.com

Contact Telephone: (904) 265-3112

Company Name: **Tetra Tech, Inc.**

Authorize Officer of Company or Agent: James (Jamey) Wallace, Vice President

Business Address: 8880 Freedom Crossing Trail, Suite 101

City, State, Zip Code: Jacksonville, FL 32256

Business Telephone: (904) 451-2013

Fax: (904) 636-6165

Email Of Contact: jamey.wallace@tetrattech.com

Contact Telephone: (904) 451-2013

Award #4 Supporting Documents 10/09/2025

Company Name: **Jones Edmunds & Associates, Inc.**

Authorize Officer of Company or Agent: Brian J. Ice

Business Address: 8657 Baypine, Suite 300

City, State, Zip Code: Jacksonville, FL 32256-8634

Business Telephone: 904-744-5401

Fax: 904-744-6267

Email Of Contact: bicerman@jonesedmunds.com

Contact Telephone: 904-708-9254

Company Name: **CDM Smith Inc.**

Authorize Officer of Company or Agent: Leslie Samel, PE; Vice President

Business Address: 4651 Salisbury Road, Suite 420

City, State, Zip Code: Jacksonville, FL 32256

Business Telephone: 904-731-7109

Fax: 904-281-0968

Email Of Contact: samells@cdmsmith.com

Contact Telephone: 704.249.6592

Company Name: **GAI Consultants, Inc.**

Authorize Officer of Company or Agent: Kathleen Leo, PE / Vice President

Business Address: 618 E. South Street, Suite 700

City, State, Zip Code: Orlando, FL 32801

Business Telephone: 407-423-8382

Fax: 407-843-1070

Email Of Contact: k.leo@gaiconsultants.com

Contact Telephone: 321-319-3095

Company Name: **CPH Consulting, LLC**

Authorize Officer of Company or Agent: Nikhel Jindal, GCC, Assoc. DBIA, ENV SP ; Chief Strategy & Success Officer

Business Address: 5200 Belfort Road, Suite 220

City, State, Zip Code: Jacksonville, FL 32256

Business Telephone: 904-332-0999

Fax: 904-332-0997

Email Of Contact: info@cphcorp.com

Contact Telephone: 904-332-0999

Company Name: **Construction and Engineering Services Consultants, Inc. (C&ES)**

Authorize Officer of Company or Agent: Steven J. Davis, President / CEO

Business Address: 9428 Baymeadows Road, Suite 600

City, State, Zip Code: Jacksonville, FL 32256

Business Telephone: 904-652-1186

Fax: 904-652-1191

Email Of Contact: sdavis@candesconsults.com

Contact Telephone: 904-219-8778

Company Name: **McKim & Creed, Inc.**

Authorize Officer of Company or Agent: Charles Hill, PE | Senior Project Manager

Business Address: 7785 Baymeadows Way, Suite 101

City, State, Zip Code: Jacksonville, FL 32256

Business Telephone: 904-587-0134

Fax: N/A

Email Of Contact: 601-624-0017

Contact Telephone: chill@mckimcreed.com



BOARD RESOLUTION: 2025-47

September 23, 2025

A RESOLUTION TO INCREASE THE DOLLAR AMOUNT OF THE EXISTING JEA CONTRACT FOR VEGETATION MANAGEMENT FOR JEA & TECO AND AUTHORIZING THE CHIEF EXECUTIVE OFFICER/MANAGING DIRECTOR TO EXECUTE AN AMENDMENT TO THE AGREEMENT BETWEEN JEA AND TREES, LLC (the "COMPANY") TO INCREASE JEA'S MAXIMUM INDEBTEDNESS UNDER THE CONTRACT TO AN AMOUNT NOT TO EXCEED FIFTY MILLION FIVE HUNDRED FORTY-FIVE THOUSAND TWO HUNDRED THIRTY-NINE AND 94/100 DOLLARS (\$50,545,239.94).

WHEREAS, on **January 31, 2018**, the parties made and entered into an agreement (the "Original Agreement") under which Company agreed to provide "**Vegetation Management For JEA & TECO**" (the "Work") for a five (5) years until **January 31, 2023**, (the "Term"), with one (1), one (1) year renewal option, for **Thirty-One Million Two Hundred Twenty-Two Thousand Five Hundred Fourteen and 94/100 Dollars (\$31,222,514.94)** (the "Maximum Indebtedness"); and

WHEREAS, on **January 31, 2022**, JEA renewed the Term until **January 30, 2024**, and the parties agreed to revise the price adjustment language stated in the Original Agreement; and

WHEREAS, **May 31, 2022**, JEA and Company included Company's storm response rates into the Original Agreement; and

WHEREAS, on **January 05, 2023**, JEA increased the Maximum Indebtedness in the amount **Six Million Four Hundred Twenty-Five Thousand and 00/100 Dollars (\$6,425,000.00)**, as approved by the JEA Awards Committee, for a new Maximum Indebtedness of **Thirty-Seven Million Six Hundred Forty-Seven Thousand Five Hundred Fourteen and 94/100 Dollars (\$37,647,514.94)**; and

WHEREAS, on **December 07, 2023**, JEA increased the Maximum Indebtedness in the amount of **Seven Million Four Hundred Four Thousand One Hundred Twenty-Five and 00/100 Dollars (\$7,404,125.00)**, as approved by the JEA Awards Committee, for a new Maximum Indebtedness of **Forty-Five Million Fifty-One Thousand Six Hundred Thirty-Nine and 94/100 Dollars (\$45,051,639.94)**, and extended the Term of the Original Agreement until **January 31, 2025**; and

WHEREAS, on **September 16, 2024**, JEA updated the Unit Pricing, revised and replaced the Liquidated Damages, and extended the Term of the Original Agreement until **January 31, 2026**; and

WHEREAS, On **April 17, 2025**, JEA agreed to increase the Maximum Indebtedness in the amount of **Three Million Nine Hundred Eighty-Thousand and 00/100 Dollars (\$3,980,000.00)**, as approved by the JEA Awards Committee on **April 17, 2025**, for a new Maximum Indebtedness of **Forty-Nine Million Thirty-One Thousand Six Hundred Thirty-Nine and 94/100 Dollars (\$49,031,639.94)**.

WHEREAS, on **September 23, 2025**, JEA now wishes to increase the amount of the Original Agreement by **One Million Five Hundred Thirteen Thousand Six Hundred and 00/100 Dollars (\$1,513,600.00)** for a new total maximum indebtedness of **Fifty Million Five**

Hundred Forty Five Thousand Two Hundred Thirty Nine and 94/100 Dollars (\$50,545,239.94); and

WHEREAS, on **September 23, 2025**, the Board of Directors has determined that it is in the best interests of JEA to approve the increase to the Contract and amend the Original Contract to increase the maximum indebtedness as provided herein.

NOW THEREFORE, BE IT RESOLVED by the JEA Board of Directors that:

1. The above recitals are incorporated by reference into the body of this resolution and are incorporated as findings of fact.
2. The Board of Directors hereby accepts the increase of the contract with Trees, LLC and authorizes the Chief Executive Officer/Managing Director or her designee to execute an amendment to the Original Contract, as amended, increasing the total maximum indebtedness thereunder to an amount not to exceed **Fifty Million Five Hundred Forty Five Thousand Two Hundred Thirty Nine and 94/100 Dollars (\$50,545,239.94)**.
3. To the extent there are typographical, clerical, or administrative errors that do not affect the tone, tenor, or context of this resolution, such errors may be corrected without further authorization from the Board of Directors.
4. This Resolution shall be effective immediately upon passage.

Dated this 26th day of September 2025.


JEA Board Chair


JEA Acting Board Secretary

Form Approved by


Office of General Counsel

VOTE	
In Favor	5
Opposed	0
Abstained	0